

# **Michigan**

## **State and County Data**

**Volume 1, Geographic Area Series**  
**Part 22**

AC-02-A-22

# **2002**

## **CENSUS OF**

## **AGRICULTURE**

Issued June 2004

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If you would like to learn more about the statistics available from NASS or have questions concerning this report, visit our Web site at [www.usda.gov/nass/](http://www.usda.gov/nass/), send e-mail to [nass@nass.usda.gov](mailto:nass@nass.usda.gov), or call the Agricultural Statistics Hotline at 800.727.9540.

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# Introduction

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## OVERVIEW

The 2002 Census of Agriculture was taken to obtain agricultural statistics for each county or county equivalent, state, and the Nation. The organization, content, and format of this publication are similar to previous Volume 1, Geographic Area Series publications. Program and policy decisions created several changes to the data published for 2002. These changes affected data comparability for some items. A new section, Data Changes and Comparability, on page X provides detail about the more noteworthy changes.

## HISTORY

For 156 years (1840 - 1996), the U.S. Department of Commerce, Bureau of the Census was responsible for collecting census of agriculture data. The 1997 Appropriations Act contained a provision that transferred the responsibility for the census of agriculture from the Bureau of the Census to the U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS). The 2002 Census of Agriculture is the 26th Federal census of agriculture and the second conducted by NASS.

The first agriculture census was taken in 1840 as part of the sixth decennial census of population. The agriculture census continued to be taken as part of the decennial census through 1950. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, the census was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with other economic censuses. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

## USES OF CENSUS DATA

The census of agriculture is the leading source of facts and statistics about the Nation's agricultural production. It provides a detailed picture of U.S. farms and ranches every five years and is the only source of uniform, comprehensive agricultural data for every state and county or county equivalent in the U.S.

Agriculture census data are routinely used by farm organizations, businesses, state departments of agriculture, elected representatives and legislative bodies at all levels of government, public and private sector analysts, and colleges and universities. Agriculture census data are used to:

- Evaluate, change, promote, and formulate farm and rural policies and programs that help agricultural producers;
- Study historical trends, assess current conditions, and plan for the future;
- Formulate market strategies, provide more efficient production and distribution systems, and locate facilities for agricultural communities;
- Make energy projections and forecast needs for agricultural producers and their communities;
- Develop new and improved methods to increase agricultural production and profitability;
- Allocate local and national funds for farm programs, e.g. extension service projects, agricultural research, soil conservation programs, and land-grant colleges and universities;
- Plan for operations during drought and emergency outbreaks of diseases or infestations of pests.

In addition agricultural news media and agricultural associations use census data as background material

for stories and articles on U.S. agriculture and the foods we produce.

## AUTHORITY

The 2002 Census of Agriculture is required by law under the "Census of Agriculture Act of 1997," Public Law 105-113 (Title 7, United States Code, Section 2204g). The law directs the Secretary of Agriculture to conduct a census of agriculture in 1998 and in every fifth year after, covering the prior year. The census of agriculture includes each state, Puerto Rico, Guam, the U.S. Virgin Islands, and the Commonwealth of Northern Mariana Islands.

## FARM DEFINITION

The census definition of a farm is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The definition has changed nine times since it was established in 1850. The current definition was first used for the 1974 Census of Agriculture and has been used in each subsequent agriculture census. This definition is consistent with the definition used for current USDA surveys.

## REFERENCE PERIOD

Reference periods for the 2002 Census of Agriculture were similar to those used in the 1997 Census of Agriculture. Reference periods used were:

- Crop production is measured for the calendar year, except for a few crops such as avocados, citrus, and olives for which the production year overlaps the calendar year. See Appendix A, General Explanation for details.
- Livestock, poultry, and machinery and equipment inventories, market value of land and buildings, and grain storage capacity are measured as of December 31 of the census year.
- Crop and livestock sales, farm expenses, income from federal farm programs, irrigation, Commodity Credit Corporation loans, Conservation Reserve and Wetlands Reserve Program participation, direct sales income, chemical and fertilizer use, farm-related income, and hired farm labor data are measured for the calendar year.

## TABLES AND APPENDICES

**Chapter 1.** Table 1 shows state-level historical data through the 1974 census and tables 2 through 54 show detailed state-level data usually accompanied by historical data from the 1997 census. Tables 55 through 61 show detailed state-level data cross-tabulated by several categories for the 2002 census only.

**Chapter 2.** County-level data are presented in 51 tables in 2 different table formats - county and county summary. Most tables include 1997 historical data. County tables include general data for all counties within the state. The county names are listed in alphabetical order in the column headings. County summary tables provide comprehensive data for all counties reporting a data item. This is a change from the reporting practices of past censuses when data for counties with a limited number of farms reporting an item were combined and reported as "all other counties."

**Appendix A.** Provides information about data collection and data processing activities. It also includes definitions of specific terms and phrases used in this publication, including items in the publication tables that carry the note "see text."

**Appendix B.** Describes supplemental activities conducted to improve coverage of American Indian and Alaska Native farm operators. Table A shows the total number of American Indian or Alaska Native farm operators both on and off reservations by county. Table B compares selected farm characteristics for farms operated by American Indian and Alaska Native farm operators and all farms. Table C provides selected operator characteristics of American Indian and Alaska Native farm operators.

**Appendix C.** Discusses the statistical methodology used in conducting and evaluating the census. Table A summarizes nonresponse and coverage adjustment for selected items for the state. Table B provides reliability estimates of state totals for selected items. Table C summarizes nonresponse and coverage adjustment for selected items at the county level.

**Appendix D.** Provides facsimiles of the report forms and instruction sheets used to collect data.

## **RESPONDENT CONFIDENTIALITY**

In keeping with the provisions of Title 7 of the United States Code, no data are published that would disclose information about the operations of an individual farm or ranch. All tabulated data are subjected to an extensive disclosure review prior to publication. Any tabulated item that identifies data reported by a respondent or allows a respondent's data to be accurately estimated or derived, was suppressed and coded with a 'D'. However, the number of farms reporting an item is not considered confidential information and is provided even though other information is withheld.

## **SPECIAL EFFORTS DIRECTED AT MINORITIES**

NASS implemented several activities to improve coverage of minority farm operators. These activities included, but were not limited to:

- Obtaining mail lists from organizations likely to contain names and addresses of minority farm operators; and
- Conducting pre-census promotion activities that targeted women, American Indian and Alaska Native, Black and African American, and Spanish, Hispanic, or Latino origin farm operators.

## **SPECIAL STUDIES AND CUSTOM TABULATIONS**

Special studies such as the 2003 Farm and Ranch Irrigation Survey and 2005 Census of Aquaculture are part of the census program and provide supplemental information to the 2002 Census of Agriculture in the respective subject area. Results are published in print and on the internet.

Custom-designed tabulations may be developed when data are not published elsewhere. These tabulations are developed to individual user specifications on a cost-reimbursable basis and shared with the public. The census Volume 1 on CD-ROM is an alternative data source that should be investigated before requesting a custom tabulation.

All special studies and custom tabulations are subject to a thorough disclosure review prior to release to prevent the disclosure of any individual respondent data. Requests for custom tabulations can be submitted via the internet from the NASS home page, by mail, or by e-mail to:

Associate Administrator  
National Agricultural Statistics Service  
1400 Independence Avenue, S.W.  
Washington, D.C. 20250  
or  
HQ AA@nass.usda.gov

## **ABBREVIATIONS AND SYMBOLS**

The following abbreviations and symbols are used throughout the tables:

|       |  |
|-------|--|
| -     | Represents zero.   |
| (D)   | Withheld to avoid disclosing data for individual farms.  |
| (H)   | Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.   |
| (IC)  | Independent city   |
| (L)   | Standard error or relative standard error of estimate is less than .05 percent.  |
| (NA)  | Not available or not published. Some historic data are not published because they are not comparable, electronic files are unavailable, or re-summarizing could compromise respondent confidentiality. |
| (X)   | Not applicable   |
| (Z)   | Less than half of the unit shown   |
| cwt   | Hundredweight  |
| sq ft | Square feet  |

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# Data Changes and Comparability

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Several changes were made to the 2002 census program. Report form content and wording were improved, several publication tables were redesigned, and tabulated data were adjusted for coverage. In some instances, comparability with previous censuses was effected.

## REPORT FORM CHANGES

Report form changes involved eliminating items that were no longer necessary or duplicated data collected on surveys, and adding new items that were included to cover emerging agricultural products and practices. Several production-related items were deleted, including production of fruits, nuts, and berries; number of bearing and nonbearing age trees or vines; litters of hogs farrowed; number of hogs sold for slaughter; number of sheep and lambs shorn; and pounds of wool shorn. Deleted sales items were gross value of sales for cattle fattened on grain or concentrates, feeder pigs sold, and value of individual nursery items and individual grain and bean commodities. The farm-related injuries and deaths section was also eliminated.

New economic data were collected to provide a more complete picture of farm income and expenses. Questions relating to net cash income of the operator and the operation, and landlord share of income and expenses were added. Information about production contracts, grain storage, and organic farming were also collected.

For the first time, information was collected for up to three operators on each farm. For those operators who would self-identify as being of multiple races (i.e., selected more than one race code on the report form), a "more than one race" category was added to the

publication to better represent those individuals. Questions relating to computer use and Internet access on the farm were included. Principal operators were asked to report whether they worked as the hired manager on the operation, the number of households receiving income, and percent of income from farming.

Other changes involved splitting items from the 1997 census into multiple parts to provide more detailed data, and in some cases items from the 1997 census were combined which helped reduce respondent burden. Several questions were reworded to improve respondent comprehension.

## PUBLICATION TABLE CHANGES

In previous censuses, States and counties with a minimal number of operations reporting an item were collapsed and published in the "all other states" and "all other counties" categories. For 2002, States and counties with at least one operation reported were published. This change provides more detailed information at the state/county level.

## COMPARABILITY

The 2002 Census of Agriculture introduced new methodology to account for all farms in the United States. Incompleteness in the census mail list was measured by matching list names against all qualifying operations found through canvassing sample land areas throughout the Nation. All published 2002 census items (except in Hawaii and Alaska) were reweighted for undercoverage. To provide comparable data, comparable 1997 data published in 2002 were also reweighted for undercoverage. An explanation of the methodology is included in Appendix C.

## MICHIGAN - Counties



Source: U.S. Bureau of the Census.

Note: All boundaries and names are as of January 1, 2000.

Figure 1

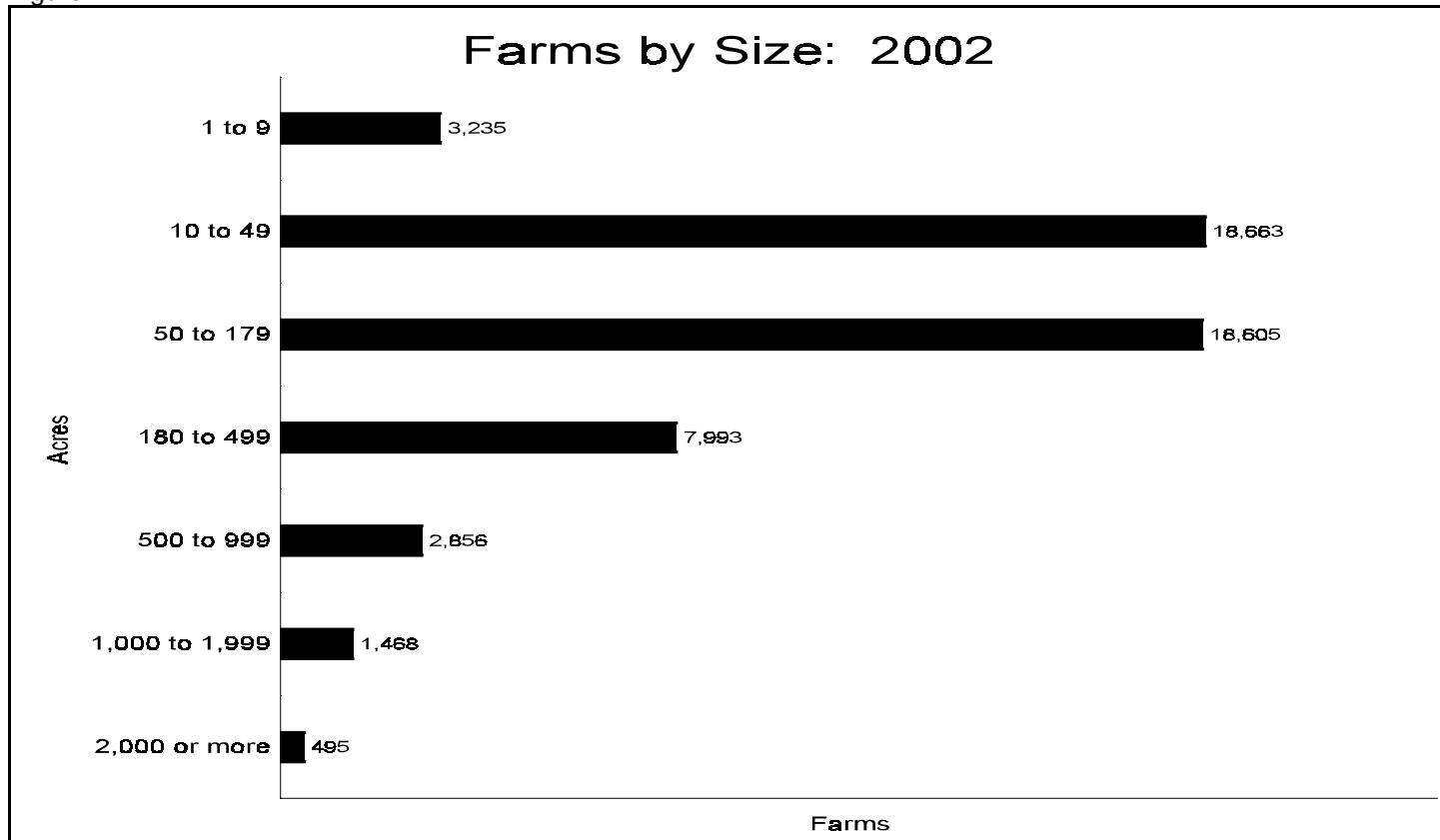


Figure 2

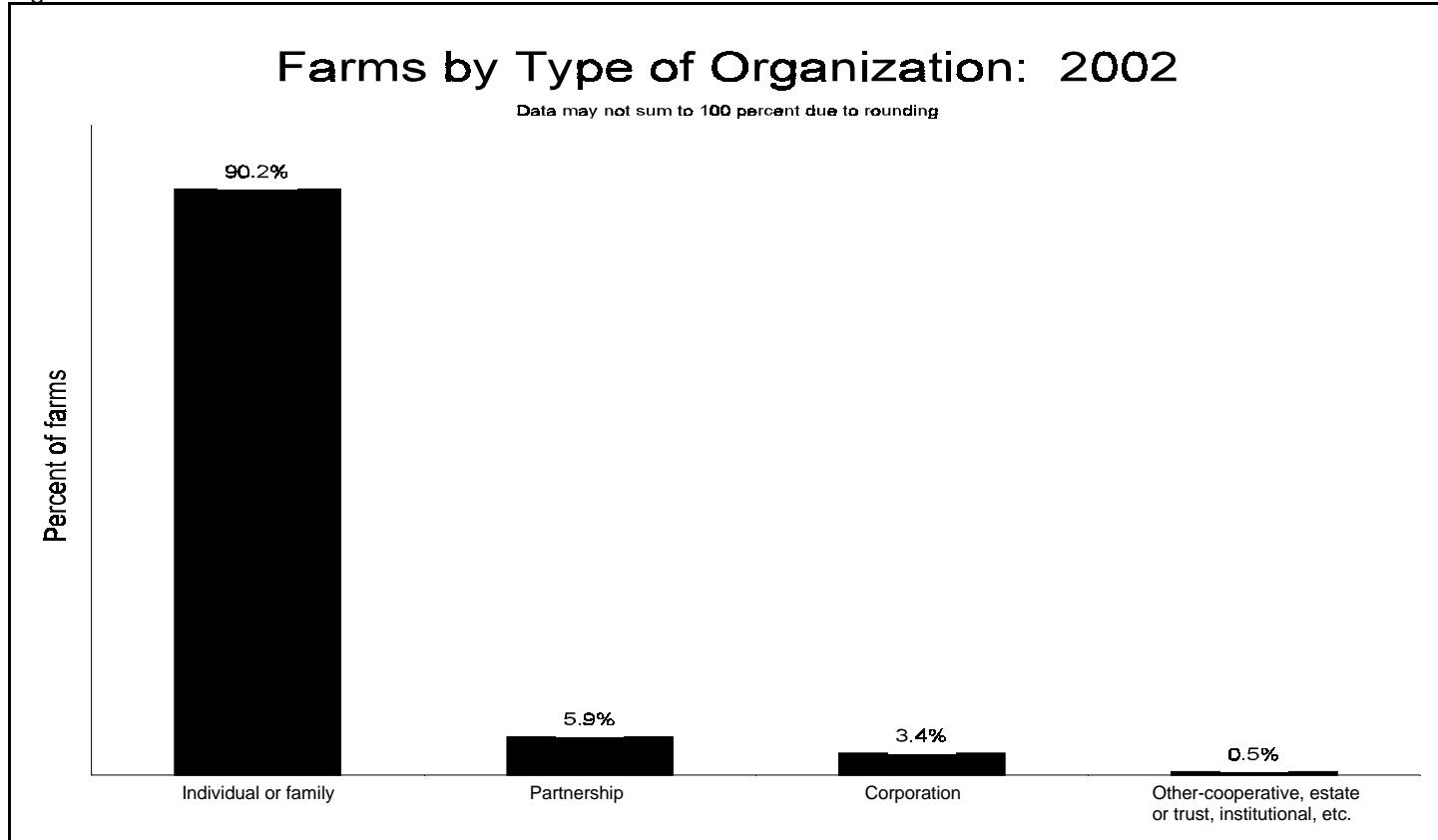


Figure 3

### Percent of Farms and of Market Value of Agricultural Products Sold: 2002

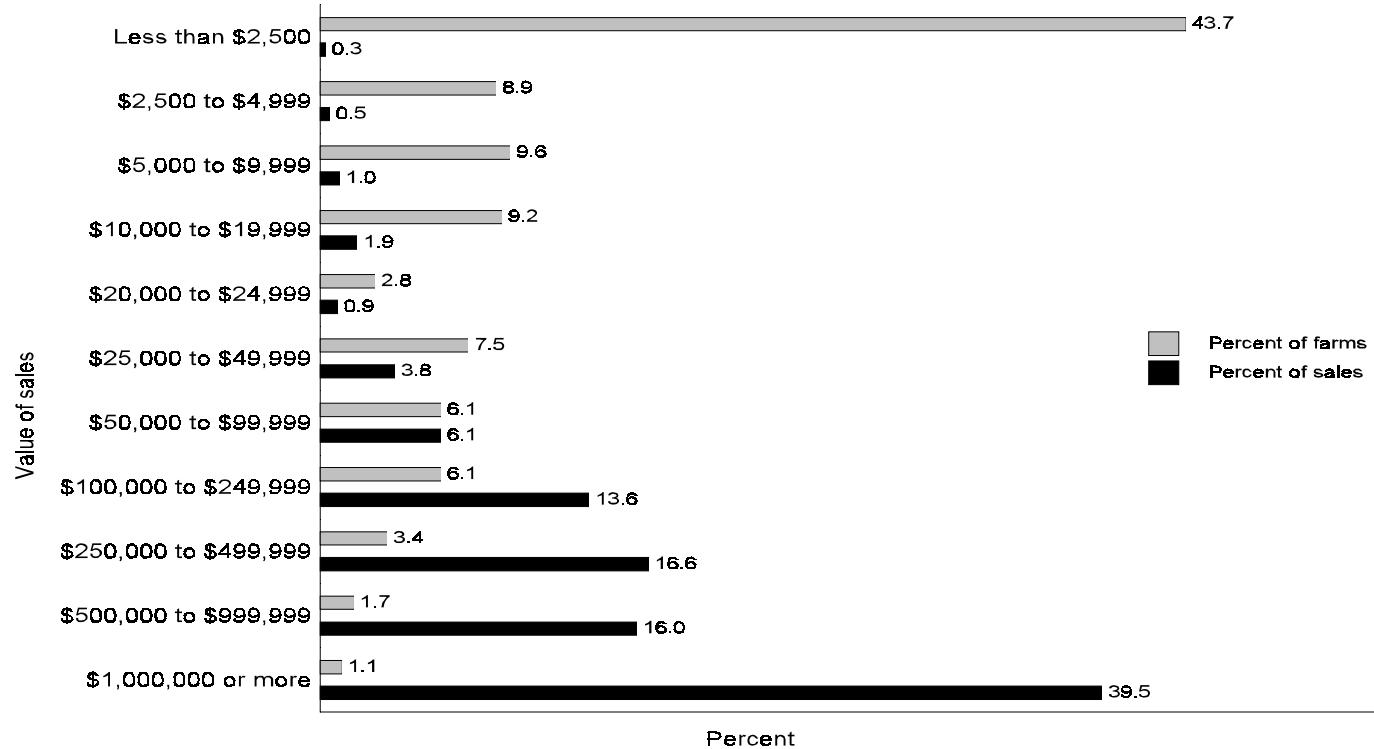


Figure 4

### Land Use: 2002

Total Acres = 10,142,958

Data may not sum to 100 percent due to rounding

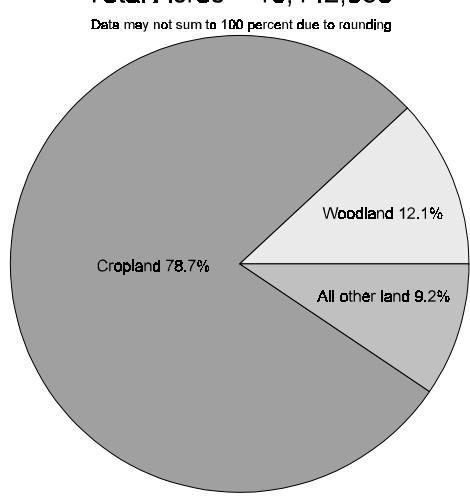


Figure 5

### Cropland Use: 2002

Total Acres = 7,983,574

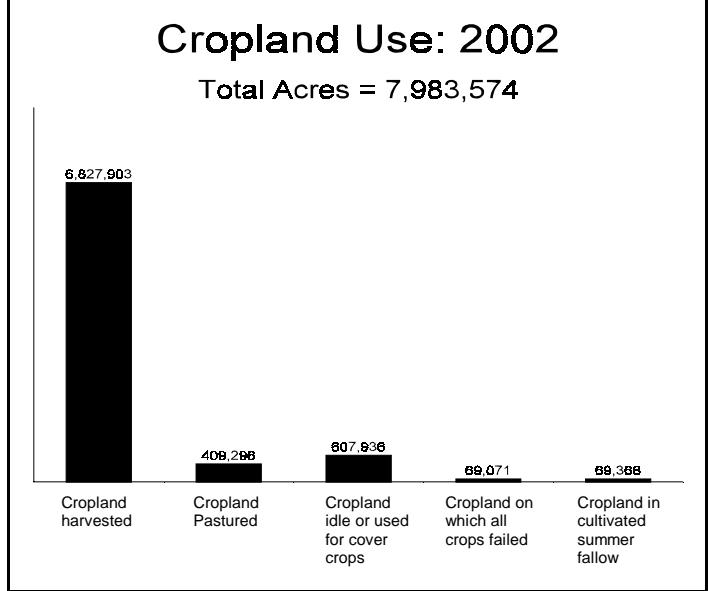


Figure 6

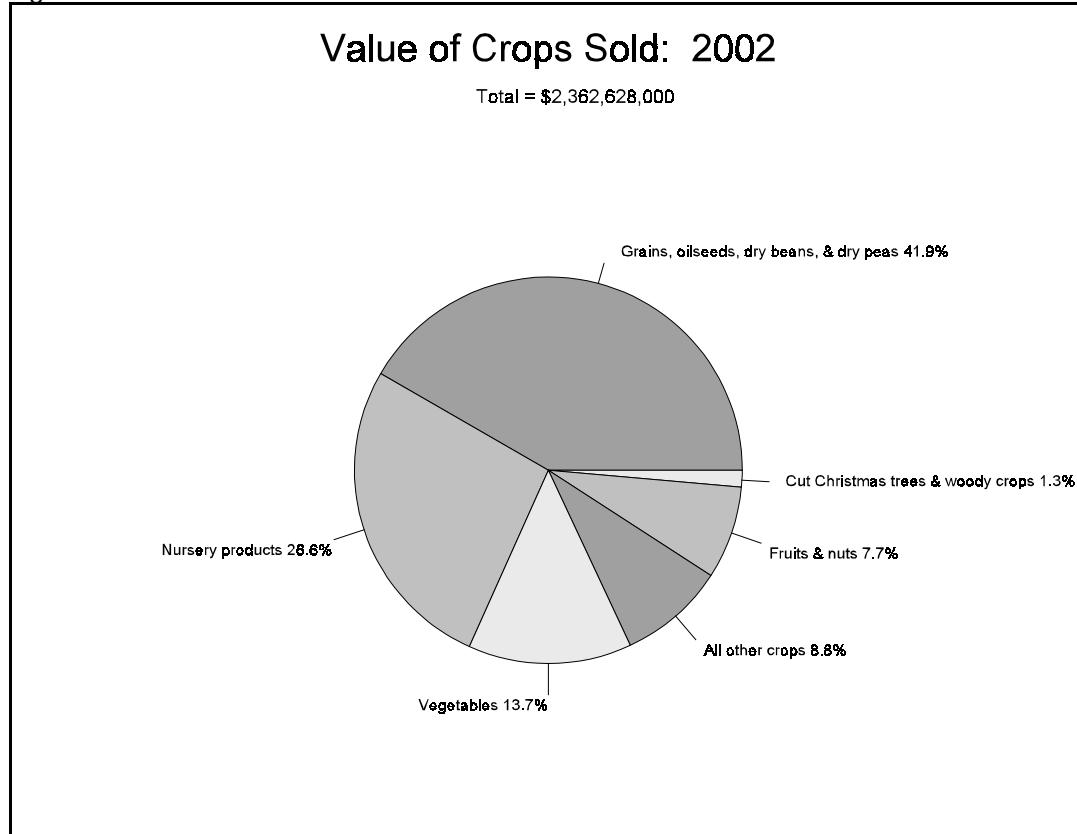


Figure 7

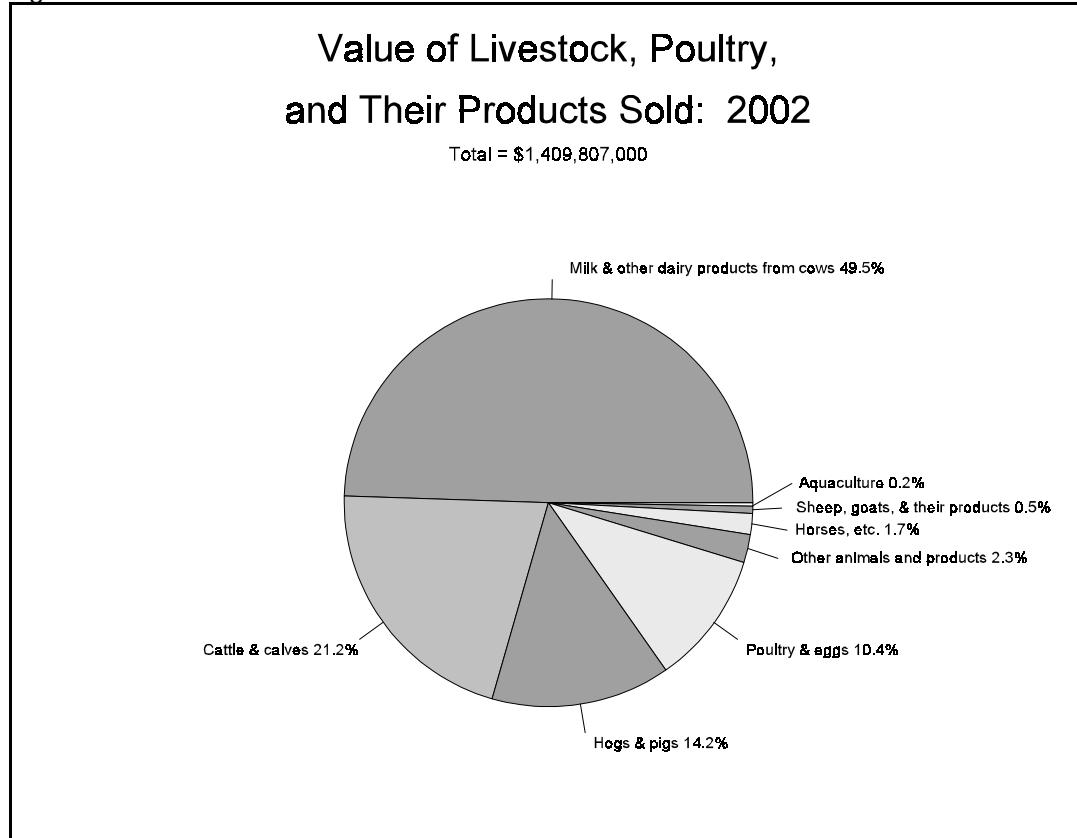


Figure 8

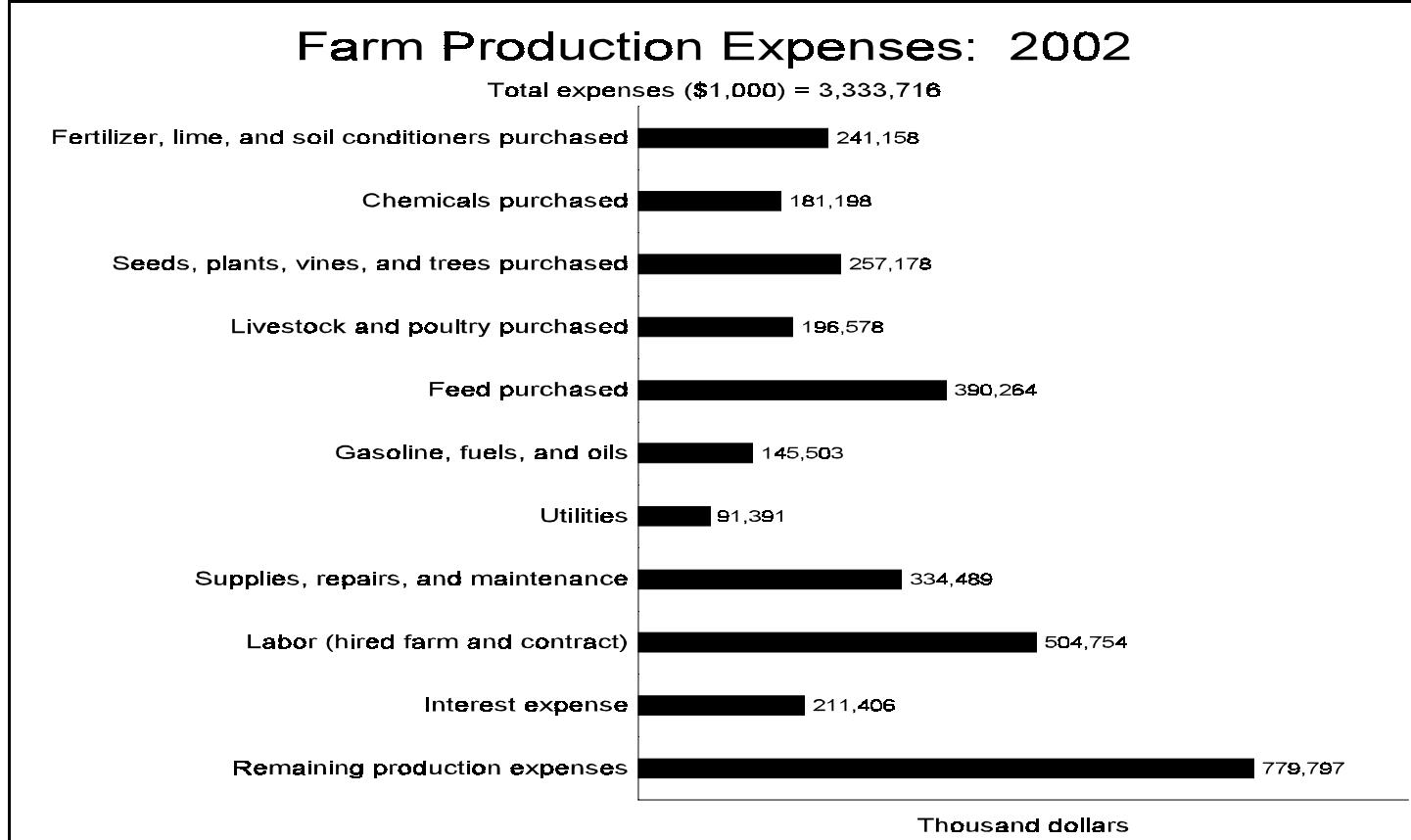
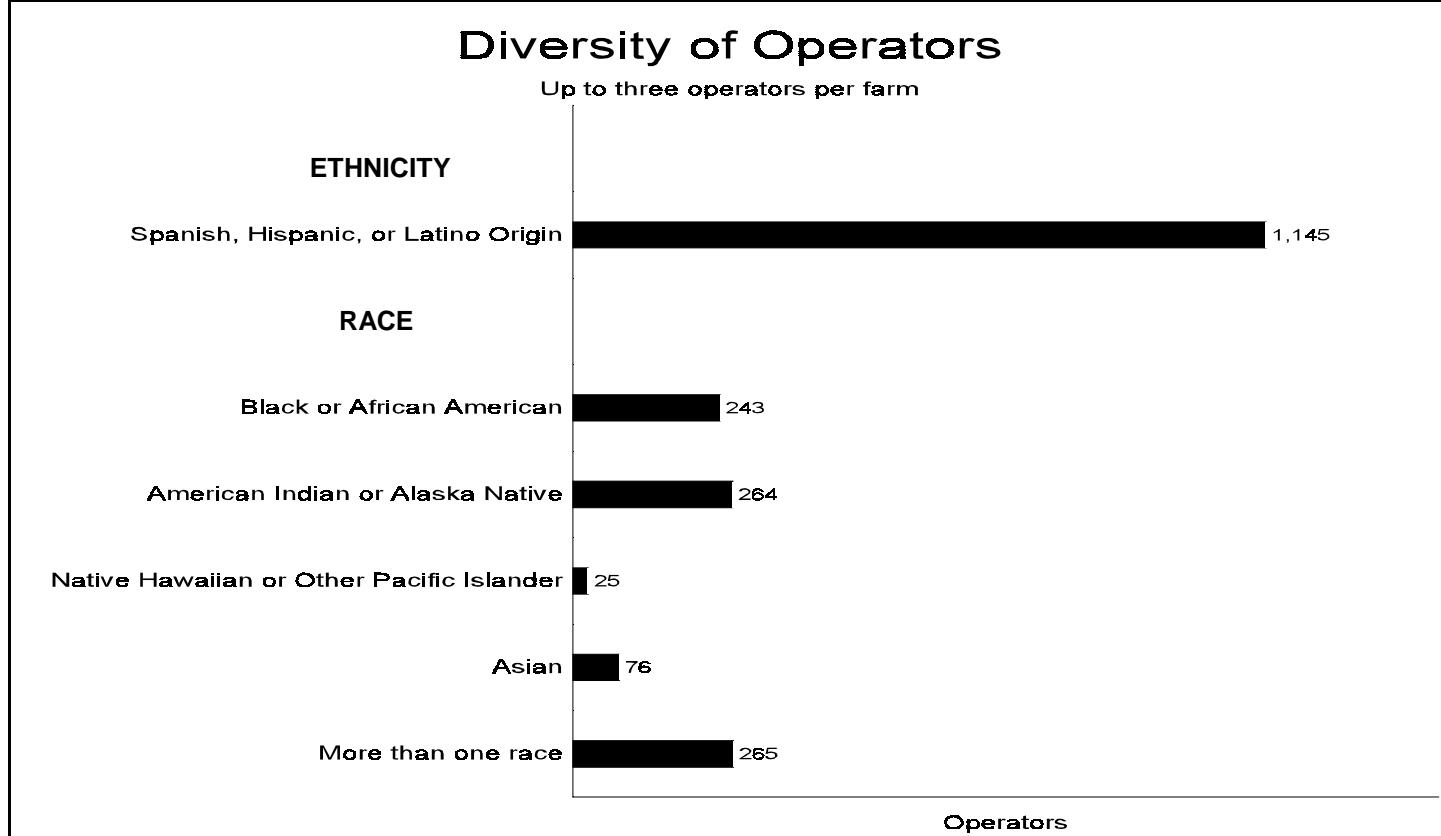


Figure 9



**Table 1. Historical Highlights: 2002 and Earlier Census Years**

[For meaning of abbreviations and symbols, see introductory text]

| All farms  | 2002       | 1997       | Not adjusted for coverage |            |            |            |            |            |
|--|------------|------------|---------------------------|------------|------------|------------|------------|------------|
|  |            |            | 1997                      | 1992       | 1987       | 1982       | 1978       | 1974       |
| Farms .....  | 53,315     | 53,519     | 46,027                    | 46,562     | 51,172     | 58,661     | 60,426     | 64,094     |
| Land in farms .....  | 10,142,958 | 10,443,935 | 9,872,812                 | 10,088,170 | 10,316,861 | 10,942,172 | 11,038,419 | 10,832,234 |
| Average size of farm .....   | 190        | 195        | 215                       | 217        | 202        | 187        | 183        | 169        |
| Estimated market value of land and buildings <sup>1</sup> :          |            |            |                           |            |            |            |            |            |
| Average per farm .....   | 509,299    | 335,580    | 358,166                   | 247,370    | 196,065    | 228,238    | 175,171    | 93,435     |
| Average per acre .....   | 2,667      | 1,704      | 1,671                     | 1,131      | 971        | 1,223      | 960        | 553        |
| Estimated market value of all machinery and equipment <sup>1</sup> : | \$1,000    | 3,761,334  | 3,318,370                 | 3,055,199  | 2,558,206  | 2,347,585  | 2,676,343  | 1,988,471  |
| Average per farm .....   | dollars    | 73,910     | 62,011                    | 66,361     | 55,028     | 45,954     | 45,711     | 32,963     |
| Farms by size:   |            |            |                           |            |            |            |            |            |
| 1 to 9 acres .....   |            | 3,235      | 3,375                     | 2,611      | 2,562      | 2,866      | 2,714      | 1,972      |
| 10 to 49 acres .....   |            | 18,663     | 15,243                    | 12,075     | 11,148     | 12,174     | 14,300     | 12,627     |
| 50 to 179 acres .....  |            | 18,605     | 20,322                    | 17,439     | 17,449     | 19,779     | 23,336     | 26,479     |
| 180 to 499 acres .....   |            | 7,993      | 9,606                     | 8,989      | 10,289     | 11,329     | 13,539     | 15,035     |
| 500 to 999 acres .....   |            | 2,856      | 3,245                     | 3,201      | 3,576      | 3,667      | 3,672      | 3,451      |
| 1,000 to 1,999 acres .....   |            | 1,468      | 1,354                     | 1,338      | 1,234      | 1,134      | 924        | 747        |
| 2,000 acres or more .....  |            | 495        | 374                       | 374        | 304        | 223        | 176        | 115        |
| Total cropland .....   | farms      | 47,904     | 49,199                    | 43,017     | 44,320     | 48,653     | 56,321     | 59,080     |
|  | acres      | 7,983,574  | 8,273,748                 | 7,891,802  | 8,156,388  | 8,181,320  | 8,458,021  | 8,382,317  |
| Harvested cropland .....   | farms      | 38,244     | 42,704                    | 37,941     | 41,334     | 46,017     | 53,738     | 57,294     |
|  | acres      | 6,827,903  | 6,989,300                 | 6,724,480  | 6,584,251  | 6,172,468  | 7,255,909  | 6,774,229  |
| Irrigated land .....   | farms      | 4,413      | 4,123                     | 3,752      | 3,823      | 3,755      | 3,179      | 3,157      |
|  | acres      | 456,278    | 407,071                   | 393,485    | 366,465    | 314,953    | 285,983    | 225,928    |
| Market value of agricultural products sold (see text) <sup>2</sup> : | \$1,000    | 3,772,435  | 3,694,670                 | 3,567,825  | 3,028,547  | 2,545,078  | 2,588,317  | 1,914,314  |
| Average per farm .....   | dollars    | 70,757     | 69,035                    | 77,516     | 65,043     | 49,736     | 44,123     | 31,680     |
| Crops, including nursery and greenhouse crops .....                  | \$1,000    | 2,362,628  | 2,314,487                 | 2,199,721  | 1,671,563  | 1,272,802  | 1,364,665  | 997,743    |
| Livestock, poultry, and their products .....                         | \$1,000    | 1,409,807  | 1,380,183                 | 1,368,104  | 1,356,984  | 1,272,276  | 1,223,652  | 916,571    |
| Farms by value of sales <sup>3</sup> :                               |            |            |                           |            |            |            |            |            |
| Less than \$2,500 .....  |            | 23,291     | 16,794                    | 12,557     | 10,923     | 12,670     | 13,718     | 14,282     |
| \$2,500 to \$4,999 .....   |            | 4,749      | 5,863                     | 5,049      | 5,579      | 6,774      | 7,751      | 9,125      |
| \$5,000 to \$9,999 .....   |            | 5,107      | 6,610                     | 5,800      | 6,387      | 7,548      | 8,741      | 9,652      |
| \$10,000 to \$24,999 .....   |            | 6,429      | 8,066                     | 7,213      | 7,752      | 8,460      | 10,335     | 10,851     |
| \$25,000 to \$49,999 .....   |            | 4,019      | 4,843                     | 4,472      | 4,683      | 5,002      | 6,143      | 6,644      |
| \$50,000 to \$99,999 .....   |            | 3,229      | 3,837                     | 3,663      | 4,163      | 4,322      | 5,334      | 5,544      |
| \$100,000 to \$499,999 .....   |            | 5,038      | 6,151                     | 5,962      | 6,156      | 5,808      | 6,140      | 4,044      |
| \$500,000 or more .....  |            | 1,453      | 1,355                     | 1,311      | 919        | 588        | 480        | 258        |
| Farms by type of organization:                                       |            |            |                           |            |            |            |            |            |
| Family or individual .....   |            | 48,070     | 47,103                    | 40,190     | 40,654     | 45,166     | 52,022     | 53,931     |
| Partnership .....  |            | 3,172      | 4,121                     | 3,778      | 4,316      | 4,662      | 5,495      | 5,635      |
| Corporation .....  |            | 1,817      | 2,035                     | 1,834      | 1,431      | 1,167      | 947        | 699        |
| Other-cooperative, estate or trust, institutional, etc .....         |            | 256        | 260                       | 225        | 161        | 177        | 197        | 161        |
| Principal operator by days of work off farm <sup>4,5</sup> :         |            |            |                           |            |            |            |            |            |
| None .....   |            | 23,109     | 19,790                    | 17,964     | 18,547     | 19,384     | 21,350     | 21,888     |
| Any .....  |            | 30,206     | 31,304                    | 25,906     | 25,462     | 29,155     | 33,579     | 36,289     |
| 200 days or more .....   |            | 22,347     | 22,835                    | 18,568     | 17,984     | 20,818     | 23,181     | 26,054     |
| Principal operator by primary occupation <sup>5</sup> :              |            |            |                           |            |            |            |            |            |
| Farming .....  |            | 29,071     | 24,133                    | 22,043     | 24,396     | 26,112     | 30,107     | 29,296     |
| Other .....  |            | 24,244     | 29,386                    | 23,984     | 22,166     | 25,060     | 28,554     | 31,130     |
| Average age of principal operator <sup>5</sup> .....                 | years      | 54.2       | 52.8                      | 53.3       | 51.9       | 50.9       | 49.5       | 49.7       |
| Total farm production expenses <sup>1</sup> .....                    | \$1,000    | 3,333,716  | 2,975,925                 | 2,835,658  | 2,583,189  | 2,211,823  | (NA)       | (NA)       |
| Selected farm production expenses <sup>1</sup> :                     |            |            |                           |            |            |            |            | 1,096,587  |
| Livestock and poultry purchased .....                                | \$1,000    | 196,578    | 182,079                   | 175,474    | 205,867    | 190,386    | 170,034    | 145,691    |
| Feed purchased .....   | \$1,000    | 390,264    | 422,966                   | 414,770    | 333,497    | 273,192    | 254,964    | 179,958    |
| Fertilizer, lime, and soil conditioners <sup>6,7</sup> .....         | \$1,000    | 241,158    | 255,435                   | 244,613    | 218,185    | 194,526    | 242,091    | 173,192    |
| Gasoline, fuels, and oils .....                                      | \$1,000    | 145,503    | 150,939                   | 142,449    | 141,653    | 120,621    | 181,320    | 97,893     |
| Hired farm labor .....   | \$1,000    | 469,731    | 389,932                   | 369,145    | 318,276    | 242,445    | 186,312    | 136,868    |
| Interest expense .....   | \$1,000    | 211,406    | 201,024                   | 189,849    | 181,417    | 197,966    | 273,637    | (NA)       |
| Chemicals <sup>6</sup> .....   | \$1,000    | 181,198    | 192,051                   | 182,494    | 149,282    | 119,993    | 114,159    | 67,558     |
| Livestock and poultry:   |            |            |                           |            |            |            |            |            |
| Cattle and calves inventory .....                                    | farms      | 14,495     | 18,130                    | 15,468     | 17,031     | 19,436     | 25,657     | 25,293     |
|  | number     | 998,204    | 1,051,130                 | 1,025,702  | 1,113,604  | 1,163,352  | 1,345,793  | 1,248,623  |
| Beef cows .....  | farms      | 8,144      | 9,062                     | 7,566      | 7,548      | 8,163      | 10,810     | 10,575     |
|  | number     | 117,564    | 125,630                   | 116,399    | 116,106    | 110,156    | 140,969    | 128,275    |
| Milk cows .....  | farms      | 3,013      | 4,226                     | 3,990      | 5,198      | 6,499      | 9,142      | 9,867      |
|  | number     | 298,429    | 301,568                   | 300,641    | 316,954    | 344,550    | 398,211    | 377,999    |
| Cattle and calves sold .....   | farms      | 11,293     | 16,330                    | 14,293     | 15,780     | 18,164     | 22,849     | 23,057     |
|  | number     | 516,107    | 554,154                   | 537,681    | 594,685    | 653,806    | 642,060    | 675,773    |
| Hogs and pigs inventory .....  | farms      | 2,180      | 3,316                     | 2,853      | 4,774      | 5,577      | 7,433      | 8,572      |
|  | number     | 927,400    | 1,024,236                 | 1,032,014  | 1,231,641  | 1,227,069  | 1,064,073  | 931,240    |
| Hogs and pigs sold .....   | farms      | 2,336      | 3,029                     | 2,690      | 4,770      | 5,603      | 7,194      | 8,065      |
|  | number     | 2,789,197  | 2,195,553                 | 2,206,940  | 2,300,151  | 2,215,872  | 1,734,236  | 1,392,522  |
| Layers 20 weeks old and older inventory .....                        | farms      | 3,491      | (NA)                      | (NA)       | (NA)       | (NA)       | (NA)       | (NA)       |
|  | number     | 7,308,261  | (NA)                      | (NA)       | (NA)       | (NA)       | (NA)       | (NA)       |
| Broilers and other meat-type chickens sold .....                     | farms      | 659        | 416                       | 336        | 386        | 495        | 636        | 493        |
|  | number     | 4,027,972  | 405,014                   | 393,028    | 400,262    | 702,431    | 601,403    | 496,339    |

See footnote(s) at end of table.

-continued

**Table 1. Historical Highlights: 2002 and Earlier Census Years - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| All farms  | 2002                   | 1997                | Not adjusted for coverage |                     |                       |                       |                          |                      |
|--|------------------------|---------------------|---------------------------|---------------------|-----------------------|-----------------------|--------------------------|----------------------|
|  |                        |                     | 1997                      | 1992                | 1987                  | 1982                  | 1978                     | 1974                 |
| <b>Selected crops harvested:</b>   |                        |                     |                           |                     |                       |                       |                          |                      |
| Corn for grain   | farms<br>2,007,021     | 13,613<br>2,190,146 | 18,089<br>2,122,283       | 16,712<br>2,221,271 | 18,962<br>226,824,263 | 25,140<br>189,779,819 | 30,792<br>2,568,541      | 33,676<br>2,337,985  |
|  | bushels<br>234,709,542 |                     |                           |                     |                       |                       |                          |                      |
| Corn for silage or greenchop   | farms<br>3,362         | 5,054<br>233,601    | 4,817<br>282,015          | (NA)<br>(NA)        | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
|  | tons<br>3,447,251      | 6,561<br>433,783    | 4,027,278<br>517,669      | 8,976<br>499,742    | 12,433<br>583,245     | 10,327<br>356,073     | 15,416<br>513,445        | 13,966<br>370,398    |
| Wheat for grain, All   | farms<br>28,248,938    | 6,561<br>430,193    | 6,561<br>430,193          | 9,525<br>(NA)       | 28,432,159<br>(NA)    | 29,350,586<br>(NA)    | 20,764,229<br>16,465,394 | 14,669,977<br>17,875 |
| Winter wheat for grain   | farms<br>28,080,725    | 6,488<br>116        | 4,948<br>116              | (NA)<br>(NA)        | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
| Spring wheat for grain   | farms<br>168,213       | 3,590<br>168,213    | 4,948<br>226,566          | 4,574<br>211,185    | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
| Oats for grain   | farms<br>3,994,940     | 2,756<br>63,485     | 4,042<br>81,540           | 3,707<br>77,588     | 5,436<br>113,359      | 11,392<br>259,445     | 16,627<br>398,618        | 17,875<br>395,419    |
| Barley for grain   | farms<br>11,620        | 400<br>576,461      | 19,549<br>1,069,485       | 619<br>1,032,383    | 6,650,151<br>(NA)     | 14,634,547<br>(NA)    | 24,770,648<br>22,618,711 | (NA)<br>(NA)         |
| Sorghum for grain  | farms<br>21,255        | 22<br>559           | 18<br>541                 | 14<br>485           | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
| Sorghum for silage or greenchop  | farms<br>158           | 2,595<br>20,068     | 118<br>2,623              | 111<br>2,587        | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
| Soybeans for beans   | farms<br>11,683        | 13,574<br>2,055,424 | 12,561<br>1,768,996       | 13,175<br>1,694,872 | 12,734<br>1,332,114   | 14,905<br>1,023,599   | 13,914<br>1,122,617      | 12,289<br>888,449    |
| Dry edible beans, excluding limas  | farms<br>78,197,248    | 1,587<br>259,026    | 2,243<br>307,589          | 2,172<br>302,767    | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
| Potatoes   | farms<br>4,862,193     | 395<br>45,840       | 4,992,441<br>46,105       | 4,878,076<br>44,931 | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
| Forage-land used for all hay and<br>haylage, grass silage, and greenchop<br>(see text) | farms<br>3,557,828     | 14,212,892          | 13,923,862                | 13,632,901          | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
| Sunflower seed, All  | farms<br>3,381,523     | 91<br>180,054       | (NA)<br>1,164             | (NA)<br>1,182       | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
| Sugarbeets for sugar   | farms<br>3,324,568     | 989<br>160,145      | 163,236<br>3,003,671      | 3,055,112           | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
| Vegetables harvested for sale<br>(see text) <sup>9</sup>                               | farms<br>137,887       | 2,519<br>137,887    | 2,682<br>133,254          | 2,498<br>128,349    | (NA)<br>(NA)          | (NA)<br>(NA)          | (NA)<br>(NA)             | (NA)<br>(NA)         |
| All land in orchards   | farms<br>2,601         | 118,166             | 3,262<br>148,296          | 2,863<br>139,607    | 3,531<br>162,183      | 3,791<br>161,567      | 4,280<br>165,238         | 4,722<br>169,413     |
|  | acres<br>118,166       |                     |                           |                     |                       |                       |                          | 4,746<br>167,747     |

<sup>1</sup> Data are based on a sample of farms.

<sup>2</sup> Data for 1974 include the value of forest products sold.

<sup>3</sup> Data for 1982 and prior years exclude abnormal farms.

<sup>4</sup> Data for 1997 and prior years do not include imputation for item nonresponse.

<sup>5</sup> Data for 1974 apply only to individual or family operations (sole proprietorships) and partnerships.

<sup>6</sup> Data for 1982 and prior years do not include cost of custom applications; data for chemicals include the cost of lime for 1978 and prior years.

<sup>7</sup> Data for 1997 and prior years exclude cost of lime and manure.

<sup>8</sup> Data for 1982 do not include imputation for item nonresponse.

<sup>9</sup> Data for 1974 were from land area used.

**Table 2. Market Value of Agricultural Products Sold Including Landlord's Share, Direct, and Organic: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | 2002      | Percent of total in 2002 | 1997      | Item   | 2002          | Percent of total in 2002 | 1997    |
|---|-----------|--------------------------|-----------|--|---------------|--------------------------|---------|
| Total sales (see text) .....                                | 53,315    | 100.0                    | 53,519    | Total sales (see text) - Con.  |               |                          |         |
| farms \$1,000   | 3,772,435 | 100.0                    | 3,694,670 | Value of sales by commodity or commodity group - Con.  |               |                          |         |
| Average per farm .....                                      | 70,757    | (X)                      | 69,035    | Livestock, poultry, and their products - Con.  |               |                          |         |
| By value of sales:  |           |                          |           | Cattle and calves .....  | farms \$1,000 | 11,293 21.2              | 16,330  |
| Less than \$1,000 (see text) .....                          | 17,442    | 32.7                     | 10,884    | Milk and other dairy products from cows .....  | farms \$1,000 | 298,517 7.9              | 284,374 |
| farms \$1,000   | 1,558     | (Z)                      | 1,540     | Hogs and pigs .....  | farms \$1,000 | 2,738 5.1                | 3,832   |
| \$1,000 to \$2,499 .....                                    | 5,849     | 11.0                     | 5,910     | from cows .....  | farms \$1,000 | 697,920 18.5             | 646,771 |
| farms \$1,000   | 9,665     | 0.3                      | 9,650     | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 2,336 4.4                | 3,029   |
| \$2,500 to \$4,999 .....                                    | 4,749     | 8.9                      | 5,863     | Aquaculture (see text) .....   | farms \$1,000 | 200,027 5.3              | 227,452 |
| farms \$1,000   | 17,092    | 0.5                      | 21,111    | Other animals and other animal products (see text) .....   | farms \$1,000 | 83 0.2                   | (NA)    |
| \$5,000 to \$9,999 .....                                    | 5,107     | 9.6                      | 6,610     | Sheep, goats, and their products .....   | farms \$1,000 | 2,307 0.2                | (NA)    |
| farms \$1,000   | 36,516    | 1.0                      | 46,968    | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 6,613 0.2                | (NA)    |
| \$10,000 to \$19,999 .....                                  | 4,930     | 9.2                      | 6,275     | Aquaculture (see text) .....   | farms \$1,000 | 3,286 6.2                | (NA)    |
| farms \$1,000   | 70,100    | 1.9                      | 89,056    | Other animals and other animal products (see text) .....   | farms \$1,000 | 23,743 0.6               | (NA)    |
| \$20,000 to \$24,999 .....                                  | 1,499     | 2.8                      | 1,791     | Sheep, goats, and their products .....   | farms \$1,000 | 83 0.2                   | (NA)    |
| farms \$1,000   | 33,184    | 0.9                      | 39,793    | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 3,316 0.1                | (NA)    |
| \$25,000 to \$39,999 .....                                  | 2,839     | 5.3                      | 3,414     | Aquaculture (see text) .....   | farms \$1,000 | 1,152 2.2                | (NA)    |
| farms \$1,000   | 89,520    | 2.4                      | 107,623   | Other animals and other animal products (see text) .....   | farms \$1,000 | 32,972 0.9               | (NA)    |
| \$40,000 to \$49,999 .....                                  | 1,180     | 2.2                      | 1,429     | Sheep, goats, and their products .....   | farms \$1,000 | 83 0.2                   | (NA)    |
| farms \$1,000   | 52,353    | 1.4                      | 63,648    | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 3,316 0.1                | (NA)    |
| \$50,000 to \$99,999 .....                                  | 3,229     | 6.1                      | 3,837     | Aquaculture (see text) .....   | farms \$1,000 | 1,152 2.2                | (NA)    |
| farms \$1,000   | 228,371   | 6.1                      | 271,457   | Other animals and other animal products (see text) .....   | farms \$1,000 | 32,972 0.9               | (NA)    |
| \$100,000 to \$249,999 .....                                | 3,231     | 6.1                      | 4,134     | Sheep, goats, and their products .....   | farms \$1,000 | 83 0.2                   | (NA)    |
| farms \$1,000   | 513,700   | 13.6                     | 653,375   | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 3,316 0.1                | (NA)    |
| \$250,000 to \$499,999 .....                                | 1,807     | 3.4                      | 2,017     | Aquaculture (see text) .....   | farms \$1,000 | 1,152 2.2                | (NA)    |
| farms \$1,000   | 625,875   | 16.6                     | 697,454   | Other animals and other animal products (see text) .....   | farms \$1,000 | 32,972 0.9               | (NA)    |
| \$500,000 to \$999,999 .....                                | 882       | 1.7                      | 892       | Sheep, goats, and their products .....   | farms \$1,000 | 83 0.2                   | (NA)    |
| farms \$1,000   | 604,639   | 16.0                     | 612,702   | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 3,316 0.1                | (NA)    |
| \$1,000,000 or more .....                                   | 571       | 1.1                      | 463       | Aquaculture (see text) .....   | farms \$1,000 | 1,152 2.2                | (NA)    |
| farms \$1,000   | 1,489,862 | 39.5                     | 1,080,293 | Other animals and other animal products (see text) .....   | farms \$1,000 | 32,972 0.9               | (NA)    |
| \$1,000,000 to \$2,499,999 .....                            | 423       | 0.8                      | 360       | Sheep, goats, and their products .....   | farms \$1,000 | 83 0.2                   | (NA)    |
| farms \$1,000   | 616,391   | 16.3                     | 522,395   | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 3,316 0.1                | (NA)    |
| \$2,500,000 to \$4,999,999 .....                            | 92        | 0.2                      | 66        | Aquaculture (see text) .....   | farms \$1,000 | 1,152 2.2                | (NA)    |
| farms \$1,000   | 311,013   | 8.2                      | 218,336   | Other animals and other animal products (see text) .....   | farms \$1,000 | 32,972 0.9               | (NA)    |
| \$5,000,000 or more .....                                   | 56        | 0.1                      | 37        | Sheep, goats, and their products .....   | farms \$1,000 | 83 0.2                   | (NA)    |
| farms \$1,000   | 562,458   | 14.9                     | 339,563   | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 3,316 0.1                | (NA)    |
| Value of sales by commodity or commodity group:             |           |                          |           | Value of landlord's share of total sales (see text) .....  | farms \$1,000 | 2,262 4.2                | (NA)    |
| Crops, including nursery and greenhouse .....               | 29,697    | 55.7                     | 34,893    | from cows .....  | farms \$1,000 | 46,690 1.2               | (NA)    |
| farms \$1,000   | 2,362,628 | 62.6                     | 2,314,487 | Value of agricultural products sold directly to individuals for human consumption (see text) ..... | farms \$1,000 | 4,925 9.2                | 4,988   |
| Grains, oilseeds, dry beans, and dry peas .....             | 16,819    | 31.5                     | (NA)      | from cows .....  | farms \$1,000 | 37,269 1.0               | 30,464  |
| farms \$1,000   | 990,921   | 26.3                     | (NA)      | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 7,567 (X)                | 6,108   |
| Tobacco .....   | -         | -                        | 3         | Average per farm .....   | farms \$1,000 | 1,180 2.2                | 1,190   |
| Cotton and cottonseed .....                                 | \$1,000   | -                        | 34        | from cows .....  | farms \$1,000 | 242 (Z)                  | 254     |
| Vegetables, melons, potatoes, and sweet potatoes .....      | 2,676     | 5.0                      | (NA)      | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 686 1.3                  | 762     |
| farms \$1,000   | 322,510   | 8.5                      | (NA)      | Average per farm .....   | farms \$1,000 | 474 (Z)                  | 527     |
| Fruits, tree nuts, and berries .....                        | 2,797     | 5.2                      | 3,293     | from cows .....  | farms \$1,000 | 1,884 3.5                | 2,001   |
| farms \$1,000   | 181,469   | 4.8                      | 249,176   | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 4,304 0.1                | 4,550   |
| Nursery, greenhouse, floriculture, and sod (see text) ..... | 2,185     | 4.1                      | (NA)      | Average per farm .....   | farms \$1,000 | 510 1.0                  | 476     |
| farms \$1,000   | 628,699   | 16.7                     | (NA)      | from cows .....  | farms \$1,000 | 3,460 0.1                | 3,163   |
| Cut Christmas trees and short rotation woody crops .....    | 1,076     | 2.0                      | (NA)      | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 376 0.7                  | 318     |
| farms \$1,000   | 30,411    | 0.8                      | (NA)      | Average per farm .....   | farms \$1,000 | 5,522 0.1                | 4,781   |
| Other crops and hay (see text) .....                        | 12,504    | 23.5                     | (NA)      | from cows .....  | farms \$1,000 | 138 0.3                  | 119     |
| farms \$1,000   | 208,618   | 5.5                      | (NA)      | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 4,795 0.1                | 4,096   |
| Livestock, poultry, and their products .....                | 18,203    | 34.1                     | 22,421    | Average per farm .....   | farms \$1,000 | 151 0.3                  | 122     |
| farms \$1,000   | 1,409,807 | 37.4                     | 1,380,183 | from cows .....  | farms \$1,000 | 18,473 0.5               | 13,094  |
| Poultry and eggs .....                                      | 2,206     | 4.1                      | 1,736     | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 283 0.5                  | (NA)    |
| farms \$1,000   | 146,700   | 3.9                      | 169,246   | Average per farm .....   | farms \$1,000 | 7,019 0.2                | (NA)    |
| from cows .....   |           |                          |           | from cows .....  | farms \$1,000 | 24,803 (X)               | (NA)    |
| By value of sales:  |           |                          |           | Value of certified organically produced commodities (see text) .....                               | farms \$1,000 | 64 0.1                   | (NA)    |
| \$1 to \$499 .....  |           |                          |           | from cows .....  | farms \$1,000 | 20 0.2                   | (NA)    |
| \$500 to \$999 .....  |           |                          |           | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 660 29                   | (NA)    |
| \$1,000 to \$4,999 .....                                    |           |                          |           | Average per farm .....   | farms \$1,000 | 487 (Z)                  | (NA)    |
| \$5,000 or more .....                                       |           |                          |           | from cows .....  | farms \$1,000 | 43 0.1                   | (NA)    |
| from cows .....   |           |                          |           | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 20 0.2                   | (NA)    |
| Horses, ponies, mules, burros, and donkeys .....            |           |                          |           | Average per farm .....   | farms \$1,000 | 645 29                   | (NA)    |
| from cows .....   |           |                          |           | from cows .....  | farms \$1,000 | 660 29                   | (NA)    |
| Horses, ponies, mules, burros, and donkeys .....            |           |                          |           | Horses, ponies, mules, burros, and donkeys .....   | farms \$1,000 | 487 (Z)                  | (NA)    |

**Table 3. Economic Class of Farms by Market Value of Agricultural Products Sold and Government Payments: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Market value of agricultural products sold and government payments | Market value of agricultural products sold | Government payments        |
|---|--|--|----------------------------|
| Total ..... farms<br>\$1,000 dollars                | 53,315<br>3,917,205<br>73,473                                      | 53,315<br>3,772,435<br>70,757              | 18,133<br>144,771<br>7,984 |
| Average per farm                                    |  |  |                            |
| By economic class (see text):                       |  |  |                            |
| Less than \$1,000 (see text) ..... farms<br>\$1,000 | 13,657<br>2,030  | 13,657<br>1,398                            | 1,333<br>632               |
| \$1,000 to \$2,499 ..... farms<br>\$1,000           | 7,864<br>12,984  | 7,864<br>9,404                             | 2,704<br>3,580             |
| \$2,500 to \$4,999 ..... farms<br>\$1,000           | 5,594<br>20,087  | 5,594<br>16,277                            | 1,723<br>3,810             |
| \$5,000 to \$9,999 ..... farms<br>\$1,000           | 5,590<br>39,914  | 5,590<br>35,507                            | 1,715<br>4,407             |
| \$10,000 to \$24,999 ..... farms<br>\$1,000         | 6,602<br>105,829   | 6,602<br>100,098                           | 2,292<br>5,730             |
| \$25,000 to \$49,999 ..... farms<br>\$1,000         | 4,082<br>144,712   | 4,082<br>138,325                           | 1,942<br>6,386             |
| \$50,000 to \$99,999 ..... farms<br>\$1,000         | 3,235<br>229,861   | 3,235<br>219,130                           | 1,785<br>10,731            |
| \$100,000 to \$249,999 ..... farms<br>\$1,000       | 3,271<br>520,795   | 3,271<br>494,307                           | 2,150<br>26,488            |
| \$250,000 to \$499,999 ..... farms<br>\$1,000       | 1,874<br>652,209   | 1,874<br>620,177                           | 1,375<br>32,032            |
| \$500,000 to \$999,999 ..... farms<br>\$1,000       | 946<br>648,528   | 946<br>620,414                             | 724<br>28,114              |
| \$1,000,000 or more ..... farms<br>\$1,000          | 600<br>1,540,258   | 600<br>1,517,398                           | 390<br>22,860              |
| \$1,000,000 to \$2,499,999 ..... farms<br>\$1,000   | 448<br>651,329   | 448<br>634,231                             | 303<br>17,097              |
| \$2,500,000 to \$4,999,999 ..... farms<br>\$1,000   | 96<br>324,876  | 96<br>320,709                              | 55<br>4,168                |
| \$5,000,000 or more ..... farms<br>\$1,000          | 56<br>564,053  | 56<br>562,458                              | 32<br>1,595                |

**Table 4. Farm Production Expenses: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | 2002                                 |                       |                            | 1997                  |                            |
|--|--------------------------------------|-----------------------|----------------------------|-----------------------|----------------------------|
|  | Farms                                | Expenses<br>(\$1,000) | Farms                      | Expenses<br>(\$1,000) |                            |
| Total farm production expenses .....                                 | farms<br>\$1,000<br>dollars          | 53,296<br>(X)<br>(X)  | (X)<br>3,333,716<br>62,551 | 53,514<br>(X)<br>(X)  | (X)<br>2,975,925<br>55,610 |
| Average per farm .....   |                                      |                       |                            |                       |                            |
| Farms with expenses of-  |                                      |                       |                            |                       |                            |
| \$1 to \$4,999 .....   |                                      | 16,751                | 43,240                     | 17,248                | 46,383                     |
| \$5,000 to \$9,999 .....   |                                      | 10,500                | 76,320                     | 10,452                | 75,865                     |
| \$10,000 to \$24,999 .....   |                                      | 11,797                | 187,784                    | 10,810                | 171,776                    |
| \$25,000 to \$49,999 .....   |                                      | 4,988                 | 173,583                    | 5,190                 | 182,771                    |
| \$50,000 to \$99,999 .....   |                                      | 3,447                 | 246,024                    | 3,787                 | 269,558                    |
| \$100,000 to \$249,999 .....   |                                      | 3,298                 | 535,733                    | 3,661                 | 571,787                    |
| \$250,000 to \$499,999 .....   |                                      | 1,372                 | 474,857                    | 1,447                 | 499,081                    |
| \$500,000 or more .....  |                                      | 1,143                 | 1,596,176                  | 919                   | 1,158,705                  |
| \$500,000 to \$999,999 .....   |                                      | 690                   | 475,606                    | 616                   | 417,116                    |
| \$1,000,000 to \$2,499,999 .....                                     |                                      | 328                   | 477,207                    | 236                   | 352,410                    |
| \$2,500,000 or more .....  |                                      | 125                   | 643,362                    | 67                    | 389,179                    |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> ..... | farms<br>\$1,000<br>percent of total | 28,156<br>(X)<br>(X)  | (X)<br>241,158<br>7.2      | 32,882<br>(X)<br>(X)  | (X)<br>255,435<br>8.6      |
| Farms with expenses of-  |                                      |                       |                            |                       |                            |
| \$1 to \$499 .....   |                                      | 7,978                 | 1,830                      | 7,951                 | 1,908                      |
| \$500 to \$999 .....   |                                      | 3,663                 | 2,565                      | 4,291                 | 3,018                      |
| \$1,000 to \$4,999 .....   |                                      | 8,296                 | 19,330                     | 10,714                | 25,469                     |
| \$5,000 to \$9,999 .....   |                                      | 2,703                 | 18,304                     | 3,618                 | 24,722                     |
| \$10,000 to \$24,999 .....   |                                      | 2,986                 | 46,437                     | 3,800                 | 59,635                     |
| \$25,000 to \$49,999 .....   |                                      | 1,527                 | 52,336                     | 1,558                 | 52,419                     |
| \$50,000 to \$99,999 .....   |                                      | 707                   | 47,402                     | 696                   | 45,746                     |
| \$100,000 or more .....  |                                      | 296                   | 52,953                     | 254                   | 42,518                     |
| Chemicals purchased .....  | farms<br>\$1,000<br>percent of total | 23,602<br>(X)<br>(X)  | (X)<br>181,198<br>5.4      | 28,900<br>(X)<br>(X)  | (X)<br>192,051<br>6.5      |
| Farms with expenses of-  |                                      |                       |                            |                       |                            |
| \$1 to \$499 .....   |                                      | 7,848                 | 1,512                      | 7,974                 | 1,716                      |
| \$500 to \$999 .....   |                                      | 2,869                 | 1,918                      | 3,752                 | 2,613                      |
| \$1,000 to \$4,999 .....   |                                      | 6,468                 | 15,456                     | 9,402                 | 21,842                     |
| \$5,000 to \$9,999 .....   |                                      | 2,293                 | 15,638                     | 3,063                 | 21,367                     |
| \$10,000 to \$24,999 .....   |                                      | 2,349                 | 35,782                     | 2,986                 | 46,570                     |
| \$25,000 to \$49,999 .....   |                                      | 1,057                 | 36,086                     | 1,120                 | 37,868                     |
| \$50,000 or more .....   |                                      | 718                   | 74,806                     | 603                   | 60,076                     |
| \$50,000 to \$99,999 .....   |                                      | 488                   | 32,405                     | 438                   | 29,514                     |
| \$100,000 or more .....  |                                      | 230                   | 42,400                     | 165                   | 30,562                     |
| Seeds, plants, vines, and trees .....                                | farms<br>\$1,000<br>percent of total | 25,048<br>(X)<br>(X)  | (X)<br>257,178<br>7.7      | 29,989<br>(X)<br>(X)  | (X)<br>190,356<br>6.4      |
| Farms with expenses of-  |                                      |                       |                            |                       |                            |
| \$1 to \$499 .....   |                                      | 7,783                 | 1,570                      | 8,202                 | 1,856                      |
| \$500 to \$999 .....   |                                      | 3,147                 | 2,153                      | 4,627                 | 3,218                      |
| \$1,000 to \$4,999 .....   |                                      | 6,971                 | 16,110                     | 9,948                 | 22,979                     |
| \$5,000 to \$9,999 .....   |                                      | 2,416                 | 17,097                     | 3,095                 | 21,731                     |
| \$10,000 to \$24,999 .....   |                                      | 2,704                 | 42,260                     | 2,685                 | 41,189                     |
| \$25,000 or more .....   |                                      | 2,027                 | 177,987                    | 1,432                 | 99,383                     |
| \$25,000 to \$49,999 .....   |                                      | 1,138                 | 38,975                     | 946                   | 31,864                     |
| \$50,000 or more .....   |                                      | 889                   | 139,012                    | 486                   | 67,518                     |
| Livestock and poultry purchased .....                                | farms<br>\$1,000<br>percent of total | 11,647<br>(X)<br>(X)  | (X)<br>196,578<br>5.9      | 12,804<br>(X)<br>(X)  | (X)<br>182,079<br>6.1      |
| Farms with expenses of-  |                                      |                       |                            |                       |                            |
| \$1 to \$999 .....   |                                      | 4,924                 | 1,828                      | 4,289                 | 1,758                      |
| \$1,000 to \$4,999 .....   |                                      | 4,412                 | 9,888                      | 4,793                 | 11,020                     |
| \$5,000 to \$9,999 .....   |                                      | 850                   | 5,768                      | 1,475                 | 10,113                     |
| \$10,000 to \$24,999 .....   |                                      | 572                   | 8,922                      | 1,201                 | 18,622                     |
| \$25,000 to \$49,999 .....   |                                      | 295                   | 10,142                     | 511                   | 18,098                     |
| \$50,000 to \$99,999 .....   |                                      | 209                   | 15,477                     | 262                   | 18,044                     |
| \$100,000 to \$249,999 .....   |                                      | 222                   | 33,487                     | 153                   | 24,042                     |
| \$250,000 or more .....  |                                      | 163                   | 111,065                    | 120                   | 80,381                     |
| \$250,000 to \$499,999 .....   |                                      | 93                    | 32,631                     | 73                    | 25,900                     |
| \$500,000 to \$999,999 .....   |                                      | 40                    | 26,474                     | 31                    | 20,963                     |
| \$1,000,000 or more .....  |                                      | 30                    | 51,961                     | 16                    | 33,518                     |
| Breeding livestock purchased (see text) .....                        | farms<br>\$1,000<br>percent of total | 5,274<br>(X)<br>(X)   | (X)<br>31,345<br>0.9       | (NA)<br>(NA)<br>(NA)  | (NA)<br>(NA)<br>(NA)       |
| Farms with expenses of-  |                                      |                       |                            |                       |                            |
| \$1 to \$999 .....   |                                      | 2,481                 | 1,013                      | (NA)                  | (NA)                       |
| \$1,000 to \$4,999 .....   |                                      | 2,121                 | 4,461                      | (NA)                  | (NA)                       |
| \$5,000 to \$9,999 .....   |                                      | 336                   | 2,215                      | (NA)                  | (NA)                       |
| \$10,000 to \$24,999 .....   |                                      | 180                   | 2,562                      | (NA)                  | (NA)                       |
| \$25,000 to \$49,999 .....   |                                      | 55                    | 1,996                      | (NA)                  | (NA)                       |
| \$50,000 to \$99,999 .....   |                                      | 50                    | 3,321                      | (NA)                  | (NA)                       |
| \$100,000 to \$249,999 .....   |                                      | 33                    | 5,014                      | (NA)                  | (NA)                       |
| \$250,000 or more .....  |                                      | 18                    | 10,763                     | (NA)                  | (NA)                       |
| \$250,000 to \$499,999 .....   |                                      | 11                    | 3,910                      | (NA)                  | (NA)                       |
| \$500,000 to \$999,999 .....   |                                      | 4                     | 2,346                      | (NA)                  | (NA)                       |
| \$1,000,000 or more .....  |                                      | 3                     | 4,507                      | (NA)                  | (NA)                       |
| Other livestock and poultry purchased .....                          | farms<br>\$1,000<br>percent of total | 7,934<br>(X)<br>(X)   | (X)<br>165,233<br>5.0      | (NA)<br>(NA)<br>(NA)  | (NA)<br>(NA)<br>(NA)       |
| Farms with expenses of-  |                                      |                       |                            |                       |                            |
| \$1 to \$999 .....   |                                      | 3,670                 | 1,196                      | (NA)                  | (NA)                       |
| \$1,000 to \$4,999 .....   |                                      | 2,601                 | 5,802                      | (NA)                  | (NA)                       |
| \$5,000 to \$9,999 .....   |                                      | 480                   | 3,326                      | (NA)                  | (NA)                       |
| \$10,000 to \$24,999 .....   |                                      | 452                   | 7,203                      | (NA)                  | (NA)                       |
| \$25,000 to \$49,999 .....   |                                      | 237                   | 8,331                      | (NA)                  | (NA)                       |

See footnote(s) at end of table.

--continued

**Table 4. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | 2002                     |                    | 1997            |                    |
|--|--------------------------|--------------------|-----------------|--------------------|
|  | Farms                    | Expenses (\$1,000) | Farms           | Expenses (\$1,000) |
| Total farm production expenses - Con.        |                          |                    |                 |                    |
| Livestock and poultry purchased - Con.       |                          |                    |                 |                    |
| Other livestock and poultry purchased - Con. |                          |                    |                 |                    |
| Farms with expenses of- Con.                 |                          |                    |                 |                    |
| \$50,000 to \$99,999 .....                   | 157                      | 12,057             | (NA)            | (NA)               |
| \$100,000 to \$249,999 .....                 | 194                      | 29,283             | (NA)            | (NA)               |
| \$250,000 or more .....                      | 143                      | 98,035             | (NA)            | (NA)               |
| \$250,000 to \$499,999 .....                 | 81                       | 27,885             | (NA)            | (NA)               |
| \$500,000 to \$999,999 .....                 | 37                       | 25,221             | (NA)            | (NA)               |
| \$1,000,000 or more .....                    | 25                       | 44,928             | (NA)            | (NA)               |
| Feed purchased .....                         | 24,297                   | (X)                | 21,006          | (X)                |
| Farms with expenses of-                      | \$1,000 percent of total | (X)<br>(X)         | 390,264<br>11.7 | 422,966<br>14.2    |
| \$1 to \$999 .....                           | 9,071                    | 3,889              | 7,235           | 3,247              |
| \$1,000 to \$4,999 .....                     | 9,405                    | 20,939             | 7,787           | 16,970             |
| \$5,000 to \$9,999 .....                     | 2,603                    | 17,969             | 1,771           | 11,984             |
| \$10,000 to \$24,999 .....                   | 1,411                    | 21,691             | 1,735           | 27,512             |
| \$25,000 to \$49,999 .....                   | 645                      | 22,608             | 1,052           | 37,552             |
| \$50,000 to \$99,999 .....                   | 516                      | 36,445             | 755             | 53,470             |
| \$100,000 or more .....                      | 646                      | 266,723            | 671             | 272,230            |
| \$100,000 to \$249,999 .....                 | 401                      | 61,677             | 446             | 65,238             |
| \$250,000 to \$499,999 .....                 | 123                      | 41,961             | 117             | 40,621             |
| \$500,000 to \$999,999 .....                 | 76                       | 52,472             | 58              | 39,178             |
| \$1,000,000 or more .....                    | 46                       | 110,613            | 50              | 127,192            |
| Gasoline, fuels, and oils .....              | 50,597                   | (X)                | 48,593          | (X)                |
| Farms with expenses of-                      | \$1,000 percent of total | (X)<br>(X)         | 145,503<br>4.4  | 150,939<br>5.1     |
| \$1 to \$999 .....                           | 31,459                   | 9,899              | 27,477          | 10,355             |
| \$1,000 to \$4,999 .....                     | 12,948                   | 28,604             | 14,270          | 31,064             |
| \$5,000 to \$9,999 .....                     | 3,032                    | 20,972             | 3,507           | 24,387             |
| \$10,000 to \$24,999 .....                   | 2,226                    | 32,754             | 2,411           | 36,653             |
| \$25,000 to \$49,999 .....                   | 641                      | 21,375             | 659             | 21,955             |
| \$50,000 or more .....                       | 291                      | 31,899             | 269             | 26,526             |
| Utilities (see text) .....                   | 30,422                   | (X)                | (NA)            | (NA)               |
| Farms with expenses of-                      | \$1,000 percent of total | (X)<br>(X)         | 91,391<br>2.7   | (NA)               |
| \$1 to \$999 .....                           | 11,541                   | 2,528              | (NA)            | (NA)               |
| \$500 to \$999 .....                         | 5,955                    | 4,052              | (NA)            | (NA)               |
| \$1,000 to \$4,999 .....                     | 9,451                    | 19,753             | (NA)            | (NA)               |
| \$5,000 to \$9,999 .....                     | 1,708                    | 11,396             | (NA)            | (NA)               |
| \$10,000 to \$24,999 .....                   | 1,220                    | 18,095             | (NA)            | (NA)               |
| \$25,000 or more .....                       | 547                      | 35,567             | (NA)            | (NA)               |
| \$25,000 to \$49,999 .....                   | 343                      | 11,319             | (NA)            | (NA)               |
| \$50,000 or more .....                       | 204                      | 24,248             | (NA)            | (NA)               |
| Supplies, repairs, and maintenance .....     | 47,754                   | (X)                | 43,382          | (X)                |
| Farms with expenses of-                      | \$1,000 percent of total | (X)<br>(X)         | 334,489<br>10.0 | 222,953<br>7.5     |
| \$1 to \$999 .....                           | 20,710                   | 7,640              | 15,589          | 6,507              |
| \$1,000 to \$4,999 .....                     | 15,575                   | 35,377             | 17,211          | 38,834             |
| \$5,000 to \$9,999 .....                     | 4,662                    | 31,801             | 5,008           | 34,141             |
| \$10,000 to \$24,999 .....                   | 4,145                    | 63,446             | 3,911           | 57,392             |
| \$25,000 to \$49,999 .....                   | 1,532                    | 51,596             | 1,157           | 38,593             |
| \$50,000 or more .....                       | 1,130                    | 144,628            | 506             | 47,486             |
| \$50,000 to \$99,999 .....                   | 753                      | 51,039             | 376             | 24,114             |
| \$100,000 or more .....                      | 377                      | 93,589             | 130             | 23,372             |
| Hired farm labor .....                       | 12,279                   | (X)                | 15,975          | (X)                |
| Farms with expenses of-                      | \$1,000 percent of total | (X)<br>(X)         | 469,731<br>14.1 | 389,932<br>13.1    |
| \$1 to \$999 .....                           | 4,267                    | 1,639              | 6,512           | 2,183              |
| \$1,000 to \$4,999 .....                     | 2,910                    | 6,995              | 3,640           | 8,345              |
| \$5,000 to \$9,999 .....                     | 1,151                    | 8,028              | 1,211           | 8,641              |
| \$10,000 to \$24,999 .....                   | 1,291                    | 20,671             | 1,731           | 28,417             |
| \$25,000 to \$49,999 .....                   | 930                      | 32,729             | 1,239           | 44,060             |
| \$50,000 to \$99,999 .....                   | 806                      | 56,957             | 898             | 60,155             |
| \$100,000 or more .....                      | 924                      | 342,712            | 744             | 238,132            |
| \$100,000 to \$249,999 .....                 | 550                      | 83,241             | 504             | 77,677             |
| \$250,000 to \$499,999 .....                 | 206                      | 70,133             | 148             | 49,435             |
| \$500,000 or more .....                      | 168                      | 189,339            | 92              | 110,020            |
| Contract labor .....                         | 3,614                    | (X)                | 4,307           | (X)                |
| Farms with expenses of-                      | \$1,000 percent of total | (X)<br>(X)         | 35,023<br>1.1   | 29,646<br>1.0      |
| \$1 to \$999 .....                           | 1,382                    | 561                | 1,973           | 827                |
| \$1,000 to \$4,999 .....                     | 1,188                    | 2,684              | 1,446           | 3,194              |
| \$5,000 to \$9,999 .....                     | 449                      | 3,039              | 473             | 3,237              |
| \$10,000 to \$24,999 .....                   | 376                      | 5,322              | 233             | 3,488              |
| \$25,000 to \$49,999 .....                   | 146                      | 4,802              | 105             | 3,514              |
| \$50,000 or more .....                       | 73                       | 18,615             | 77              | 15,386             |
| \$50,000 to \$99,999 .....                   | 27                       | 1,787              | 40              | 2,545              |
| \$100,000 or more .....                      | 46                       | 16,828             | 37              | 12,840             |
| Customwork and custom hauling .....          | 9,148                    | (X)                | (NA)            | (NA)               |
| Farms with expenses of-                      | \$1,000 percent of total | (X)<br>(X)         | 63,676<br>1.9   | (NA)               |
| \$1 to \$999 .....                           | 4,001                    | 1,465              | (NA)            | (NA)               |
| \$1,000 to \$4,999 .....                     | 3,214                    | 7,329              | (NA)            | (NA)               |
| \$5,000 to \$9,999 .....                     | 807                      | 5,632              | (NA)            | (NA)               |
| \$10,000 to \$24,999 .....                   | 679                      | 10,304             | (NA)            | (NA)               |
| \$25,000 to \$49,999 .....                   | 213                      | 7,415              | (NA)            | (NA)               |

See footnote(s) at end of table.

-continued

**Table 4. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | 2002                                 |                      | 1997                  |                      |                        |
|--|--------------------------------------|----------------------|-----------------------|----------------------|------------------------|
|  | Farms                                | Expenses (\$1,000)   | Farms                 | Expenses (\$1,000)   |                        |
| Total farm production expenses - Con.  |                                      |                      |                       |                      |                        |
| Customwork and custom hauling - Con.   |                                      |                      |                       |                      |                        |
| Farms with expenses of- Con.   |                                      |                      |                       |                      |                        |
| \$50,000 or more .....   | 234                                  | 31,532               | (NA)                  | (NA)                 |                        |
| \$50,000 to \$99,999 .....   | 143                                  | 9,974                | (NA)                  | (NA)                 |                        |
| \$100,000 or more .....  | 91                                   | 21,558               | (NA)                  | (NA)                 |                        |
| Cash rent for land, buildings,<br>and grazing fees <sup>2</sup> .....                    | farms<br>\$1,000<br>percent of total | 12,399<br>(X)<br>(X) | (X)<br>216,140<br>6.5 | 14,087<br>(X)<br>(X) | (X)<br>170,373<br>5.7  |
| Farms with expenses of-  |                                      |                      |                       |                      |                        |
| \$1 to \$499 .....   | 1,933                                | 509                  | 2,360                 | 563                  |                        |
| \$500 to \$999 .....   | 1,536                                | 1,043                | 1,532                 | 1,062                |                        |
| \$1,000 to \$4,999 .....   | 3,807                                | 8,937                | 4,912                 | 11,551               |                        |
| \$5,000 to \$9,999 .....   | 1,408                                | 10,029               | 1,722                 | 12,115               |                        |
| \$10,000 to \$24,999 .....   | 1,704                                | 27,119               | 1,833                 | 28,858               |                        |
| \$25,000 to \$49,999 .....   | 933                                  | 32,659               | 964                   | 32,764               |                        |
| \$50,000 or more .....   | 1,078                                | 135,846              | 764                   | 83,461               |                        |
| Rent and lease expenses for machinery,<br>equipment, and farm share of<br>vehicles ..... | farms<br>\$1,000<br>percent of total | 3,940<br>(X)<br>(X)  | (X)<br>33,771<br>1.0  | (NA)<br>(NA)<br>(NA) | (NA)<br>(NA)<br>(NA)   |
| Farms with expenses of-  |                                      |                      |                       |                      |                        |
| \$1 to \$499 .....   | 1,051                                | 213                  | (NA)                  | (NA)                 |                        |
| \$500 to \$999 .....   | 483                                  | 352                  | (NA)                  | (NA)                 |                        |
| \$1,000 to \$4,999 .....   | 1,179                                | 3,022                | (NA)                  | (NA)                 |                        |
| \$5,000 to \$9,999 .....   | 447                                  | 2,990                | (NA)                  | (NA)                 |                        |
| \$10,000 to \$24,999 .....   | 496                                  | 7,568                | (NA)                  | (NA)                 |                        |
| \$25,000 to \$49,999 .....   | 170                                  | 5,758                | (NA)                  | (NA)                 |                        |
| \$50,000 or more .....   | 114                                  | 13,869               | (NA)                  | (NA)                 |                        |
| Interest expense .....   | farms<br>\$1,000<br>percent of total | 18,089<br>(X)<br>(X) | (X)<br>211,406<br>6.3 | 20,406<br>(X)<br>(X) | (X)<br>201,024<br>6.8  |
| Farms with expenses of-  |                                      |                      |                       |                      |                        |
| \$1 to \$999 .....   | 3,401                                | 1,465                | 3,624                 | 1,788                |                        |
| \$1,000 to \$4,999 .....   | 6,257                                | 17,128               | 8,215                 | 21,020               |                        |
| \$5,000 to \$9,999 .....   | 3,514                                | 24,558               | 3,816                 | 26,481               |                        |
| \$10,000 to \$24,999 .....   | 3,034                                | 45,708               | 2,959                 | 45,363               |                        |
| \$25,000 to \$49,999 .....   | 1,170                                | 39,696               | 1,102                 | 37,659               |                        |
| \$50,000 to \$99,999 .....   | 478                                  | 32,695               | 483                   | 31,365               |                        |
| \$100,000 or more .....  | 235                                  | 50,156               | 207                   | 37,348               |                        |
| Secured by real estate .....   | farms<br>\$1,000<br>percent of total | 14,332<br>(X)<br>(X) | (X)<br>154,977<br>4.6 | 15,032<br>(X)<br>(X) | (X)<br>131,123<br>4.4  |
| Farms with expenses of-  |                                      |                      |                       |                      |                        |
| \$1 to \$999 .....   | 1,919                                | 878                  | 1,921                 | 999                  |                        |
| \$1,000 to \$4,999 .....   | 5,535                                | 15,484               | 6,853                 | 18,386               |                        |
| \$5,000 to \$9,999 .....   | 3,150                                | 21,901               | 2,962                 | 20,560               |                        |
| \$10,000 to \$24,999 .....   | 2,444                                | 35,863               | 2,177                 | 31,884               |                        |
| \$25,000 to \$49,999 .....   | 838                                  | 28,302               | 791                   | 26,906               |                        |
| \$50,000 to \$99,999 .....   | 297                                  | 20,204               | 240                   | 15,691               |                        |
| \$100,000 or more .....  | 149                                  | 32,345               | 88                    | 16,697               |                        |
| Not secured by real estate .....   | farms<br>\$1,000<br>percent of total | 8,737<br>(X)<br>(X)  | (X)<br>56,428<br>1.7  | 11,400<br>(X)<br>(X) | (X)<br>69,901<br>2.3   |
| Farms with expenses of-  |                                      |                      |                       |                      |                        |
| \$1 to \$999 .....   | 3,042                                | 1,283                | 3,352                 | 1,574                |                        |
| \$1,000 to \$4,999 .....   | 3,192                                | 7,452                | 4,897                 | 10,963               |                        |
| \$5,000 to \$9,999 .....   | 1,118                                | 7,624                | 1,416                 | 9,535                |                        |
| \$10,000 to \$24,999 .....   | 949                                  | 14,057               | 1,176                 | 17,817               |                        |
| \$25,000 to \$49,999 .....   | 286                                  | 9,784                | 392                   | 12,946               |                        |
| \$50,000 to \$99,999 .....   | 98                                   | 6,842                | 119                   | 7,923                |                        |
| \$100,000 or more .....  | 52                                   | 9,386                | 48                    | 9,143                |                        |
| Property taxes paid .....  | farms<br>\$1,000<br>percent of total | 50,494<br>(X)<br>(X) | (X)<br>157,933<br>4.7 | 50,654<br>(X)<br>(X) | (X)<br>124,879<br>4.2  |
| Farms with expenses of-  |                                      |                      |                       |                      |                        |
| \$1 to \$499 .....   | 4,847                                | 1,448                | 4,950                 | 1,432                |                        |
| \$500 to \$999 .....   | 8,237                                | 6,231                | 11,143                | 8,441                |                        |
| \$1,000 to \$4,999 .....   | 30,350                               | 66,922               | 29,350                | 60,941               |                        |
| \$5,000 to \$9,999 .....   | 4,379                                | 29,592               | 3,609                 | 23,961               |                        |
| \$10,000 to \$24,999 .....   | 2,144                                | 30,955               | 1,342                 | 19,146               |                        |
| \$25,000 or more .....   | 537                                  | 22,786               | 260                   | 10,958               |                        |
| All other production expenses (see text) .....   | farms<br>\$1,000<br>percent of total | 30,851<br>(X)<br>(X) | (X)<br>308,277<br>9.2 | 46,878<br>(X)<br>(X) | (X)<br>331,587<br>11.1 |
| Farms with expenses of-  |                                      |                      |                       |                      |                        |
| \$1 to \$999 .....   | 11,119                               | 4,763                | 21,044                | 8,903                |                        |
| \$1,000 to \$4,999 .....   | 11,471                               | 25,652               | 17,043                | 35,634               |                        |
| \$5,000 to \$9,999 .....   | 3,276                                | 22,562               | 3,293                 | 22,166               |                        |
| \$10,000 to \$24,999 .....   | 2,842                                | 43,226               | 3,115                 | 46,483               |                        |
| \$25,000 to \$49,999 .....   | 1,080                                | 36,794               | 1,225                 | 42,541               |                        |
| \$50,000 to \$99,999 .....   | 606                                  | 41,632               | 730                   | 48,284               |                        |
| \$100,000 or more .....  | 457                                  | 133,647              | 428                   | 127,577              |                        |
| \$100,000 to \$249,999 .....   | 324                                  | 50,024               | 319                   | 45,927               |                        |
| \$250,000 or more .....  | 133                                  | 83,622               | 109                   | 81,650               |                        |
| Production expenses paid by<br>landlords <sup>3</sup> .....                              | farms<br>\$1,000<br>percent of total | 2,324<br>(X)<br>(X)  | (X)<br>18,239<br>0.5  | (NA)<br>(NA)<br>(NA) | (NA)<br>(NA)<br>(NA)   |
| Farms with expenses of-  |                                      |                      |                       |                      |                        |
| \$1 to \$499 .....   | 359                                  | 74                   | (NA)                  | (NA)                 |                        |
| \$500 to \$999 .....   | 338                                  | 232                  | (NA)                  | (NA)                 |                        |
| \$1,000 to \$4,999 .....   | 1,036                                | 2,788                | (NA)                  | (NA)                 |                        |

See footnote(s) at end of table.

-continued

**Table 4. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | 2002   |                    | 1997  |                    |
|---|--------|--------------------|-------|--------------------|
|   | Farms  | Expenses (\$1,000) | Farms | Expenses (\$1,000) |
| Production expenses paid by landlords <sup>3</sup> - Con. |        |                    |       |                    |
| Farms with expenses of- Con.                              |        |                    |       |                    |
| \$5,000 to \$9,999 .....                                  | 175    | 1,235              | (NA)  | (NA)               |
| \$10,000 to \$24,999 .....                                | 220    | 3,355              | (NA)  | (NA)               |
| \$25,000 or more .....                                    | 196    | 10,554             | (NA)  | (NA)               |
| \$25,000 to \$49,999 .....                                | 135    | 4,667              | (NA)  | (NA)               |
| \$50,000 to \$99,999 .....                                | 48     | 3,147              | (NA)  | (NA)               |
| \$100,000 or more .....                                   | 13     | 2,741              | (NA)  | (NA)               |
| Depreciation expenses claimed (see text) .....            | 21,682 | (X)                | (NA)  | (NA)               |
| Farms with expenses of- farms \$1,000 percent of total    | (X)    | 386,335            | (NA)  | (NA)               |
| (X)   | 11.6   |                    | (NA)  | (NA)               |
| Farms with expenses of-                                   |        |                    |       |                    |
| \$1 to \$499 .....  | 1,957  | 453                | (NA)  | (NA)               |
| \$500 to \$999 .....                                      | 1,625  | 1,138              | (NA)  | (NA)               |
| \$1,000 to \$4,999 .....                                  | 7,039  | 17,406             | (NA)  | (NA)               |
| \$5,000 to \$9,999 .....                                  | 3,615  | 25,254             | (NA)  | (NA)               |
| \$10,000 to \$24,999 .....                                | 3,819  | 61,462             | (NA)  | (NA)               |
| \$25,000 or more .....                                    | 3,627  | 280,622            | (NA)  | (NA)               |
| \$25,000 to \$49,999 .....                                | 1,871  | 65,199             | (NA)  | (NA)               |
| \$50,000 to \$99,999 .....                                | 1,116  | 74,851             | (NA)  | (NA)               |
| \$100,000 or more .....                                   | 640    | 140,572            | (NA)  | (NA)               |

<sup>1</sup> Data for 1997 do not include lime or manure.

<sup>2</sup> Data for 1997 do not include grazing fees.

<sup>3</sup> Landlord production expenses are included within total farm production expenses.

**Table 5. Net Cash Farm Income of the Operations and Operators: 2002**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Farms  | Income (\$1,000) | Item  | Farms  | Income (\$1,000) |
|---|--------|------------------|---|--------|------------------|
| Net cash farm income of operations (see text) ..... | 53,296 | 724,021          | Net cash farm income of operators (see text) .....    | 53,296 | 705,489          |
| Average per farm .....                              | (X)    | 13,585           | Average per farm .....                                | (X)    | 13,237           |
| Farms with net gains <sup>1</sup> .....             | 22,737 | 1,069,711        | Farm operators reporting net gains <sup>1</sup> ..... | 23,069 | 1,050,710        |
| Average per farm .....                              | (X)    | 47,047           | Average per farm .....                                | (X)    | 45,546           |
| Farms with gains of- less than \$1,000 .....        | 3,224  | 1,489            | Farms with gains of- less than \$1,000 .....          | 3,356  | 1,479            |
| \$1,000 to \$4,999 .....                            | 5,479  | 14,868           | \$1,000 to \$4,999 .....                              | 5,783  | 15,672           |
| \$5,000 to \$9,999 .....                            | 3,138  | 22,741           | \$5,000 to \$9,999 .....                              | 3,146  | 22,721           |
| \$10,000 to \$24,999 .....                          | 3,504  | 56,556           | \$10,000 to \$24,999 .....                            | 3,520  | 56,589           |
| \$25,000 to \$49,999 .....                          | 2,827  | 99,439           | \$25,000 to \$49,999 .....                            | 2,823  | 99,586           |
| \$50,000 or more .....                              | 4,565  | 874,617          | \$50,000 or more .....                                | 4,441  | 854,663          |
| Farms with net losses .....                         | 30,559 | 345,690          | Farm operators reporting net losses .....             | 30,227 | 345,221          |
| Average per farm .....                              | (X)    | 11,312           | Average per farm .....                                | (X)    | 11,421           |
| Farms with losses of- less than \$1,000 .....       | 3,903  | 1,968            | Farms with losses of- less than \$1,000 .....         | 3,787  | 1,896            |
| \$1,000 to \$4,999 .....                            | 11,691 | 32,087           | \$1,000 to \$4,999 .....                              | 11,498 | 31,478           |
| \$5,000 to \$9,999 .....                            | 6,916  | 49,279           | \$5,000 to \$9,999 .....                              | 6,903  | 49,105           |
| \$10,000 to \$24,999 .....                          | 5,386  | 82,799           | \$10,000 to \$24,999 .....                            | 5,339  | 81,904           |
| \$25,000 to \$49,999 .....                          | 1,545  | 52,004           | \$25,000 to \$49,999 .....                            | 1,564  | 52,649           |
| \$50,000 or more .....                              | 1,118  | 127,553          | \$50,000 or more .....                                | 1,136  | 128,189          |

<sup>1</sup> Farms with total production expenses equal to total of market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

**Table 6. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | 2002   |                 | 1997   |                 | Item  | 2002   |                 | 1997  |                 |
|--|--------|-----------------|--------|-----------------|---|--------|-----------------|-------|-----------------|
|  | Farms  | Value (\$1,000) | Farms  | Value (\$1,000) |   | Farms  | Value (\$1,000) | Farms | Value (\$1,000) |
| Government payments .....  | 18,133 | 144,771         | 20,782 | 97,638          | Government payments - Con.                          |        |                 |       |                 |
| Average per farm <sup>1</sup> .....                                  | (X)    | 7,984           | (X)    | 4,698           | Amount from other federal farm programs .....       | 13,246 | 125,406         | (NA)  | (NA)            |
| Farms with receipts of- \$1 to \$999 .....                           | 5,324  | 2,396           | 5,679  | 2,504           | Average per farm .....                              | (X)    | 9,467           | (NA)  | (NA)            |
| \$1,000 to \$4,999 .....   | 7,076  | 16,546          | 9,756  | 23,504          | Farms with receipts of- \$1 to \$999 .....          | 4,556  | 1,867           | (NA)  | (NA)            |
| \$5,000 to \$9,999 .....   | 2,118  | 14,938          | 2,843  | 19,726          | \$1,000 to \$4,999 .....                            | 3,809  | 9,233           | (NA)  | (NA)            |
| \$10,000 to \$24,999 .....   | 2,068  | 32,863          | 1,931  | 29,444          | \$5,000 to \$9,999 .....                            | 1,567  | 11,078          | (NA)  | (NA)            |
| \$25,000 to \$49,999 .....   | 1,024  | 36,181          | 475    | 15,933          | \$10,000 to \$24,999 .....                          | 1,845  | 29,574          | (NA)  | (NA)            |
| \$50,000 or more .....   | 523    | 41,847          | 98     | 6,527           | \$25,000 or more .....                              | 1,469  | 73,655          | (NA)  | (NA)            |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... | 6,603  | 19,364          | 5,776  | 18,043          | Commodity Credit Corporation Loans (see text) ..... | 2,601  | 72,023          | 1,664 | 52,821          |
| Average per farm .....   | (X)    | 2,933           | (X)    | 3,124           | Average per farm .....                              | (X)    | 27,690          | (X)   | 31,743          |
| Farms with receipts of- \$1 to \$999 .....                           | 1,899  | 950             | (NA)   | (NA)            | Farms with receipts of- \$1 to \$999 .....          | 627    | 288             | 288   | 122             |
| \$1,000 to \$4,999 .....   | 3,802  | 8,446           | (NA)   | (NA)            | \$1,000 to \$4,999 .....                            | 763    | 1,843           | 360   | 919             |
| \$5,000 to \$9,999 .....   | 606    | 4,166           | (NA)   | (NA)            | \$5,000 to \$9,999 .....                            | 277    | 1,980           | 207   | 1,472           |
| \$10,000 to \$24,999 .....   | 242    | 3,572           | (NA)   | (NA)            | \$10,000 to \$19,999 .....                          | 285    | 4,008           | 247   | 3,459           |
| \$25,000 or more .....   | 54     | 2,230           | (NA)   | (NA)            | \$20,000 to \$24,999 .....                          | 81     | 1,769           | 72    | 1,573           |
|  |        |                 |        |                 | \$25,000 or more .....                              | 231    | 8,259           | 188   | 6,593           |
|  |        |                 |        |                 | \$50,000 or more .....                              | 337    | 53,875          | 302   | 38,683          |

<sup>1</sup> Data are in whole dollars.

**Table 7. Income From Farm-Related Sources: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | 2002   |                 | 1997   |                 | Item   | 2002  |                 | 1997  |                 |
|---|--------|-----------------|--------|-----------------|--|-------|-----------------|-------|-----------------|
|   | Farms  | Value (\$1,000) | Farms  | Value (\$1,000) |  | Farms | Value (\$1,000) | Farms | Value (\$1,000) |
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> ..... | 15,056 | 133,320         | 13,014 | 67,445          | Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> - Con. |       |                 |       |                 |
| Average per farm .....  | (X)    | 8,855           | (X)    | 5,182           | Sales of forest products, excluding Christmas trees and maple products - Con.                          |       |                 |       |                 |
| Farms with receipts of- \$1 to \$999 .....  | 4,637  | 1,872           | 4,720  | 1,829           | Farms with receipts of - Con.  |       |                 |       |                 |
| \$1,000 to \$4,999 .....  | 5,559  | 13,117          | 4,976  | 11,812          |  |       |                 |       |                 |
| \$5,000 to \$9,999 .....  | 1,999  | 13,815          | 1,627  | 11,046          | \$5,000 to \$9,999 .....   | 296   | 2,087           | 258   | 1,695           |
| \$10,000 to \$24,999 .....  | 1,725  | 26,663          | 1,239  | 18,650          | \$10,000 to \$24,999 .....   | 265   | 3,960           | 300   | 4,497           |
| \$25,000 to \$49,999 .....  | 647    | 22,191          | 333    | 11,464          | \$25,000 or more .....   | 101   | 4,273           | 63    | 3,235           |
| \$50,000 or more .....  | 489    | 55,661          | 119    | 12,644          | Recreational services (see text) .....   | 615   | 3,295           | (NA)  | (NA)            |
| Customwork and other agricultural services .....  | 3,087  | 29,184          | 3,655  | 24,949          | Average per farm .....   | (X)   | 5,358           | (NA)  | (NA)            |
| Average per farm .....  | (X)    | 9,454           | (X)    | 6,826           | Farms with receipts of- \$1 to \$999 .....   | 330   | 126             | (NA)  | (NA)            |
| Farms with receipts of- \$1 to \$999 .....  | 927    | 384             | 1,277  | 525             | \$1,000 to \$4,999 .....   | 185   | 338             | (NA)  | (NA)            |
| \$1,000 to \$4,999 .....  | 1,124  | 2,712           | 1,336  | 3,176           | \$5,000 to \$9,999 .....   | 32    | 198             | (NA)  | (NA)            |
| \$5,000 to \$9,999 .....  | 383    | 2,629           | 397    | 2,620           | \$10,000 to \$24,999 .....   | 33    | 504             | (NA)  | (NA)            |
| \$10,000 to \$24,999 .....  | 410    | 6,215           | 447    | 6,681           | \$25,000 or more .....   | 35    | 2,130           | (NA)  | (NA)            |
| \$25,000 to \$49,999 .....  | 124    | 4,036           | 147    | 5,365           | Patronage dividends and refunds from cooperatives (see text) .....                                     | 3,247 | 8,745           | (NA)  | (NA)            |
| \$50,000 or more .....  | 119    | 13,208          | 51     | 6,582           | Average per farm .....   | (X)   | 2,693           | (NA)  | (NA)            |
| Gross cash rent or share payments .....   | 5,446  | 29,230          | 5,075  | 21,165          | Farms with receipts of- \$1 to \$999 .....   | 1,886 | 533             | (NA)  | (NA)            |
| Average per farm .....  | (X)    | 5,367           | (X)    | 4,170           | \$1,000 to \$4,999 .....   | 971   | 2,110           | (NA)  | (NA)            |
| Farms with receipts of- \$1 to \$999 .....  | 1,615  | 832             | 1,449  | 753             | \$5,000 to \$9,999 .....   | 217   | 1,452           | (NA)  | (NA)            |
| \$1,000 to \$4,999 .....  | 2,549  | 5,771           | 2,445  | 5,719           | \$10,000 to \$24,999 .....   | 119   | 1,716           | (NA)  | (NA)            |
| \$5,000 to \$9,999 .....  | 693    | 4,785           | 768    | 5,077           | \$25,000 or more .....   | 54    | 2,933           | (NA)  | (NA)            |
| \$10,000 to \$24,999 .....  | 378    | 5,750           | 305    | 4,523           | Other farm-related income sources (see text) .....   | 5,177 | 51,067          | (NA)  | (NA)            |
| \$25,000 or more .....  | 211    | 12,092          | 108    | 5,093           | Average per farm .....   | (X)   | 9,864           | (NA)  | (NA)            |
| Sales of forest products, excluding Christmas trees and maple products .....                          | 1,557  | 11,799          | 1,647  | 10,872          | Farms with receipts of- \$1 to \$999 .....   | 1,943 | 612             | (NA)  | (NA)            |
| Average per farm .....  | (X)    | 7,578           | (X)    | 6,601           | \$1,000 to \$4,999 .....   | 1,526 | 3,769           | (NA)  | (NA)            |
| Farms with receipts of- \$1 to \$999 .....  | 378    | 154             | 448    | 170             | \$5,000 to \$9,999 .....   | 687   | 4,668           | (NA)  | (NA)            |
| \$1,000 to \$4,999 .....  | 517    | 1,325           | 578    | 1,276           | \$10,000 to \$24,999 .....   | 576   | 8,975           | (NA)  | (NA)            |
|   |        |                 |        |                 | \$25,000 or more .....   | 445   | 33,043          | (NA)  | (NA)            |

<sup>1</sup> Data for 1997 are based on a sample of farms.

**Table 8. Land: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| All farms  | 2002       |                  | 1997       | All farms | 2002      |                  | 1997      |
|--|------------|------------------|------------|-----------|-----------|------------------|-----------|
|  | Total      | Percent of total |            |           | Total     | Percent of total |           |
| <b>LAND USE</b>  |            |                  |            |           |           |                  |           |
| Farms .....  | 53,315     | 100.0            | 53,519     |           |           |                  |           |
| Land in farms .....  | 10,142,958 | 100.0            | 10,443,935 |           |           |                  |           |
| Total cropland .....   | 47,904     | 89.9             | 49,199     |           |           |                  |           |
| farms  | 7,983,574  | 78.7             | 8,273,748  |           |           |                  |           |
| Harvested cropland .....   | 38,244     | 71.7             | 42,704     |           |           |                  |           |
| acres  | 6,827,903  | 67.3             | 6,989,300  |           |           |                  |           |
| Farms by acres harvested:  |            |                  |            |           |           |                  |           |
| 1 to 49 acres .....  | 20,486     | 38.4             | 21,272     |           |           |                  |           |
| farms  | 6,341      | 11.9             | 6,459      |           |           |                  |           |
| acres  | 5,636      | 10.6             | 5,327      |           |           |                  |           |
| 10 to 19 acres .....   | 3,761      | 7.1              | 3,976      |           |           |                  |           |
| farms  | 3,761      | 7.1              | 3,976      |           |           |                  |           |
| acres  | 4,748      | 8.9              | 5,510      |           |           |                  |           |
| 20 to 29 acres .....   |            |                  |            |           |           |                  |           |
| 30 to 49 acres .....   |            |                  |            |           |           |                  |           |
| 50 to 99 acres .....   | 5,571      | 10.4             | 7,114      |           |           |                  |           |
| 100 to 199 acres .....   | 4,350      | 8.2              | 5,655      |           |           |                  |           |
| 200 to 499 acres .....   | 4,188      | 7.9              | 5,082      |           |           |                  |           |
| 500 to 999 acres .....   | 2,181      | 4.1              | 2,341      |           |           |                  |           |
| 1,000 acres or more .....  | 1,468      | 2.8              | 1,240      |           |           |                  |           |
| 1,000 to 1,999 acres .....   | 1,094      | 2.1              | 963        |           |           |                  |           |
| 2,000 acres or more .....  | 374        | 0.7              | 277        |           |           |                  |           |
| Cropland used only for pasture or grazing .....  | farms      | 16,190           | 30.4       | farms     | 27,818    | 52.2             | 27,815    |
|  | acres      | 409,296          | 4.0        | acres     | 1,224,237 | 12.1             | 1,243,970 |
| Other cropland .....   | farms      | 18,353           | 34.4       | farms     | 5,316     | 10.0             | 5,417     |
|  | acres      | 746,375          | 7.4        | acres     | 162,169   | 1.6              | 163,453   |
| Cropland idle or used for cover crops or soil-improvement, but not harvested and not pastured or grazed (see text) ..... | farms      | 15,120           | 28.4       | farms     | 24,853    | 46.6             | 25,106    |
|  | acres      | 607,936          | 6.0        | acres     | 1,062,068 | 10.5             | 1,080,517 |
| Cropland on which all crops failed .....   | farms      | 3,113            | 5.8        | farms     |           |                  |           |
|  | acres      | 69,071           | 0.7        | acres     |           |                  |           |
|  |            |                  | 43,797     |           |           |                  |           |
| <b>LAND USE - Con.</b>   |            |                  |            |           |           |                  |           |
| Total cropland - Con.  |            |                  |            |           |           |                  |           |
| Other cropland - Con.  |            |                  |            |           |           |                  |           |
| Cropland in cultivated summer fallow .....   | farms      | 2,567            | 4.8        | farms     | 2,567     | 4.8              | 3,054     |
| acres  | 69,368     | 0.7              | acres      | 69,368    | 0.7       | 79,273           |           |
| Total woodland .....   | farms      | 27,818           | 52.2       | farms     | 27,818    | 52.2             | 27,815    |
|  | acres      | 1,224,237        | 12.1       | acres     | 1,224,237 | 12.1             | 1,243,970 |
| Woodland pastured .....  | farms      | 5,316            | 10.0       | farms     | 5,316     | 10.0             | 5,417     |
| acres  | 162,169    | 1.6              | acres      | 162,169   | 1.6       | 163,453          |           |
| Woodland not pastured .....  | farms      | 24,853           | 46.6       | farms     | 24,853    | 46.6             | 25,106    |
| acres  | 1,062,068  | 10.5             | acres      | 1,062,068 | 10.5      | 1,080,517        |           |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .....                                    | farms      | 11,447           | 21.5       | farms     | 11,447    | 21.5             | 7,304     |
|  | acres      | 254,062          | 2.5        | acres     | 254,062   | 2.5              | 213,359   |
| Land in house lots, ponds, roads, wasteland, etc .....   | farms      | 35,435           | 66.5       | farms     | 35,435    | 66.5             | 37,681    |
|  | acres      | 681,085          | 6.7        | acres     | 681,085   | 6.7              | 712,858   |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |            |                  |            |           |           |                  |           |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....   | farms      | 6,593            | (X)        | farms     | 6,593     | (X)              | 5,774     |
|  | acres      | 296,666          | (X)        | acres     | 296,666   | (X)              | 322,667   |
| Land used to raise certified organically produced crops (see text) .....   | farms      | 281              | 0.5        | farms     | 281       | 0.5              | (NA)      |
|  | acres      | 25,386           | 0.3        | acres     | 25,386    | 0.3              | (NA)      |
| Land enrolled in Federal or other crop insurance programs (see text) .....   | farms      | 7,921            | 14.9       | farms     | 7,921     | 14.9             | (NA)      |
|  | acres      | 3,401,787        | 33.5       | acres     | 3,401,787 | 33.5             | (NA)      |

**Table 9. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| All farms                               | Farms  |        | Land in farms (acres) |            | Harvested cropland (acres) |           | Irrigated land (acres) |         |
|---|--------|--------|-----------------------|------------|----------------------------|-----------|------------------------|---------|
|   | 2002   | 1997   | 2002                  | 1997       | 2002                       | 1997      | 2002                   | 1997    |
| Land in farms . . . . .                 | 53,315 | 53,519 | 10,142,958            | 10,443,935 | 6,827,903                  | 6,989,300 | 456,278                | 407,071 |
| Farms by size:                          |        |        |                       |            |                            |           |                        |         |
| 1 to 9 acres . . . . .                  | 3,235  | 3,375  | 15,635                | 15,450     | 4,322                      | 4,748     | .996                   | 1,161   |
| 10 to 49 acres . . . . .                | 18,663 | 15,243 | 506,880               | 415,315    | 163,702                    | 156,524   | 7,359                  | 6,989   |
| 50 to 69 acres . . . . .                | 4,425  | 4,276  | 257,982               | 249,667    | 93,873                     | 104,046   | 3,503                  | 3,750   |
| 70 to 99 acres . . . . .                | 6,444  | 6,830  | 523,738               | 556,752    | 191,593                    | 236,291   | 5,439                  | 6,105   |
| 100 to 139 acres . . . . .              | 4,573  | 5,292  | 531,314               | 615,420    | 224,888                    | 286,880   | 6,434                  | 9,145   |
| 140 to 179 acres . . . . .              | 3,163  | 3,924  | 497,561               | 617,761    | 232,337                    | 304,559   | 7,576                  | 7,789   |
| 180 to 219 acres . . . . .              | 2,084  | 2,629  | 411,090               | 518,673    | 215,374                    | 283,471   | 7,029                  | 7,855   |
| 220 to 259 acres . . . . .              | 1,618  | 1,838  | 383,752               | 436,945    | 215,519                    | 254,048   | 8,167                  | 6,282   |
| 260 to 499 acres . . . . .              | 4,291  | 5,139  | 1,525,932             | 1,827,195  | 985,834                    | 1,195,204 | 39,398                 | 39,317  |
| 500 to 999 acres . . . . .              | 2,856  | 3,245  | 1,981,384             | 2,252,119  | 1,520,052                  | 1,721,425 | 83,180                 | 94,829  |
| 1,000 to 1,999 acres . . . . .          | 1,468  | 1,354  | 1,968,565             | 1,793,459  | 1,646,462                  | 1,477,685 | 114,730                | 109,581 |
| 2,000 to 4,999 acres . . . . .          | 452    | (NA)   | 1,256,794             | (NA)       | 1,086,448                  | (NA)      | 127,152                | (NA)    |
| 5,000 acres or more . . . . .           | 43     | 25     | 282,331               | 169,340    | 247,499                    | 135,842   | 45,315                 | 20,330  |
| Farms with harvested cropland . . . . . | 38,244 | 42,704 | 9,206,696             | 9,777,328  | 6,827,903                  | 6,989,300 | 455,237                | 406,261 |
| Farms by size:                          |        |        |                       |            |                            |           |                        |         |
| 1 to 9 acres . . . . .                  | 1,372  | 1,599  | 6,481                 | 7,618      | 4,322                      | 4,748     | .949                   | 1,139   |
| 10 to 49 acres . . . . .                | 11,007 | 10,357 | 313,538               | 296,672    | 163,702                    | 156,524   | 6,603                  | 6,840   |
| 50 to 69 acres . . . . .                | 3,128  | 3,361  | 182,366               | 196,437    | 93,873                     | 104,046   | 3,482                  | 3,710   |
| 70 to 99 acres . . . . .                | 4,625  | 5,505  | 376,545               | 449,028    | 191,593                    | 236,291   | 5,383                  | 6,055   |
| 100 to 139 acres . . . . .              | 3,553  | 4,535  | 414,183               | 528,077    | 224,888                    | 286,880   | 6,434                  | 9,000   |
| 140 to 179 acres . . . . .              | 2,625  | 3,448  | 413,155               | 543,405    | 232,337                    | 304,559   | 7,576                  | 7,735   |
| 180 to 219 acres . . . . .              | 1,813  | 2,392  | 357,857               | 471,884    | 215,374                    | 283,471   | 6,969                  | 7,734   |
| 220 to 259 acres . . . . .              | 1,432  | 1,716  | 340,134               | 408,068    | 215,519                    | 254,048   | 8,087                  | 6,282   |
| 260 to 499 acres . . . . .              | 3,994  | 4,886  | 1,421,674             | 1,742,026  | 985,834                    | 1,195,204 | 39,377                 | 39,088  |
| 500 to 999 acres . . . . .              | 2,761  | 3,187  | 1,920,938             | 2,214,798  | 1,520,052                  | 1,721,425 | 83,180                 | 94,829  |
| 1,000 to 1,999 acres . . . . .          | 1,444  | 1,346  | 1,937,136             | 1,782,946  | 1,646,462                  | 1,477,685 | 114,730                | 109,581 |
| 2,000 to 4,999 acres . . . . .          | 448    | (NA)   | 1,246,272             | (NA)       | 1,086,448                  | (NA)      | 127,152                | (NA)    |
| 5,000 acres or more . . . . .           | 42     | 24     | 276,417               | 163,530    | 247,499                    | 135,842   | 45,315                 | 20,330  |
| Farms with irrigated land . . . . .     | 4,413  | 4,123  | 1,563,762             | 1,322,968  | 1,249,184                  | 1,014,308 | 456,278                | 407,071 |
| Farms by size:                          |        |        |                       |            |                            |           |                        |         |
| 1 to 9 acres . . . . .                  | 581    | 619    | 2,299                 | 2,550      | 1,204                      | 1,264     | .996                   | 1,161   |
| 10 to 49 acres . . . . .                | 1,317  | 1,099  | 32,695                | 26,894     | 12,625                     | 10,145    | 7,359                  | 6,989   |
| 50 to 69 acres . . . . .                | 266    | 265    | 15,555                | 15,425     | 7,146                      | 6,415     | 3,503                  | 3,750   |
| 70 to 99 acres . . . . .                | 326    | 318    | 26,562                | 25,788     | 12,689                     | 11,410    | 5,439                  | 6,105   |
| 100 to 139 acres . . . . .              | 248    | 256    | 28,601                | 30,186     | 14,211                     | 15,805    | 6,434                  | 9,145   |
| 140 to 179 acres . . . . .              | 191    | 185    | 30,113                | 29,230     | 19,144                     | 17,578    | 7,576                  | 7,789   |
| 180 to 219 acres . . . . .              | 136    | 138    | 26,946                | 27,390     | 17,358                     | 16,601    | 7,029                  | 7,855   |
| 220 to 259 acres . . . . .              | 116    | 96     | 27,754                | 22,792     | 17,184                     | 14,337    | 8,167                  | 6,282   |
| 260 to 499 acres . . . . .              | 403    | 379    | 149,521               | 139,825    | 103,414                    | 95,743    | 39,398                 | 39,317  |
| 500 to 999 acres . . . . .              | 372    | 394    | 266,780               | 282,408    | 215,602                    | 222,248   | 83,180                 | 94,829  |
| 1,000 to 1,999 acres . . . . .          | 278    | 268    | 382,382               | 375,386    | 330,440                    | 307,821   | 114,730                | 109,581 |
| 2,000 to 4,999 acres . . . . .          | 159    | (NA)   | 444,067               | (NA)       | 387,898                    | (NA)      | 127,152                | (NA)    |
| 5,000 acres or more . . . . .           | 20     | 9      | 130,487               | 70,326     | 110,269                    | 55,854    | 45,315                 | 20,330  |

**Table 10. Irrigation: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Farms with irrigation         | 2002              | 1997       | Farms with irrigation                | 2002               | 1997      |
|-------------------------------|-------------------|------------|--------------------------------------|--------------------|-----------|
| Farms . . . . .               | 4,413             | 4,123      | Irrigated land - Con.                |                    |           |
| Proportion of farms . . . . . | number<br>percent | 8.3<br>7.7 | Acres irrigated - Con.               |                    |           |
| Irrigated land . . . . .      | acres             | 456,278    | 1,000 acres or more . . . . .        | farms<br>87        | 71        |
| Average per farm . . . . .    | acres             | 103        | 1,000 to 1,999 acres . . . . .       | farms<br>165,671   | 123,244   |
| Acres irrigated:              |                   |            | 2,000 acres or more . . . . .        | farms<br>77,866    | (NA)      |
| 1 to 9 acres . . . . .        | farms             | 2,372      | Harvested cropland . . . . .         | farms<br>27        | (NA)      |
| 10 to 49 acres . . . . .      | farms             | 6,172      | Pastureland and other land . . . . . | farms<br>87,805    | (NA)      |
| 50 to 99 acres . . . . .      | farms             | 823        | Land in irrigated farms . . . . .    | acres              |           |
| 100 to 199 acres . . . . .    | farms             | 18,750     | Harvested cropland . . . . .         | farms<br>1,563,762 | 1,322,968 |
| 200 to 499 acres . . . . .    | farms             | 326        | Cropland . . . . .                   | acres<br>1,340,745 | 1,107,493 |
| 500 to 999 acres . . . . .    | farms             | 23,001     | Pastureland . . . . .                | acres<br>1,249,184 | 1,014,308 |
|                               | acres             | 354        |                                      |                    |           |
|                               | acres             | 45,334     |                                      |                    |           |
|                               | acres             | 143        |                                      |                    |           |
|                               | acres             | 149        |                                      |                    |           |
|                               | acres             | 100,601    |                                      |                    |           |
|                               | acres             | 96,511     |                                      |                    |           |

**Table 11. Selected Characteristics of Irrigated and Nonirrigated Farms: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics  | All farms  |            | Irrigated farms    |           |                                  |         | Nonirrigated farms |           |
|--|------------|------------|--------------------|-----------|----------------------------------|---------|--------------------|-----------|
|  |            |            | Any land irrigated |           | All harvested cropland irrigated |         |                    |           |
|  | 2002       | 1997       | 2002               | 1997      | 2002                             | 1997    | 2002               | 1997      |
| Farms .....  | 53,315     | 53,519     | 4,413              | 4,123     | 1,536                            | 1,865   | 48,902             | 49,396    |
| Land in farms .....  | 10,142,958 | 10,443,935 | 1,563,762          | 1,322,968 | 142,757                          | 161,053 | 8,579,196          | 9,120,967 |
| Estimated market value of land and buildings <sup>1</sup> .....                    |            |            |                    |           |                                  |         |                    |           |
| Average per farm .....   | 509,299    | 335,580    | 925,996            | 650,129   | 418,512                          | 355,584 | 466,445            | 310,409   |
| Average per acre .....   | 2,667      | 1,704      | 2,870              | 1,920     | 4,803                            | 4,284   | 2,629              | 1,672     |
| Irrigated land .....   | 456,278    | 407,071    | 456,278            | 407,071   | 87,406                           | 95,021  | (X)                | (X)       |
| Land in farms according to use:  |            |            |                    |           |                                  |         |                    |           |
| Total cropland .....   | 47,904     | 49,199     | 4,356              | 4,112     | 1,536                            | 1,865   | 43,548             | 45,087    |
| farms  | 7,983,574  | 8,273,748  | 1,340,745          | 1,107,493 | 105,545                          | 117,697 | 6,642,829          | 7,166,255 |
| acres  | 38,244     | 42,704     | 4,301              | 4,058     | 1,536                            | 1,865   | 33,943             | 38,646    |
| Harvested cropland .....   | 6,827,903  | 6,989,300  | 1,249,184          | 1,014,308 | 87,160                           | 94,103  | 5,578,719          | 5,974,992 |
| Pastureland, excluding woodland pastured .....                                     | 23,444     | 22,884     | 1,021              | 824       | 254                              | 256     | 22,423             | 22,060    |
| farms  | 663,358    | 741,458    | 32,322             | 32,891    | 4,643                            | 5,613   | 631,036            | 708,567   |
| acres  |            |            |                    |           |                                  |         |                    |           |
| Land enrolled in Conservation Reserve or Wetlands Reserve                          |            |            |                    |           |                                  |         |                    |           |
| Programs .....   | 6,593      | 5,774      | 249                | 201       | 36                               | 49      | 6,344              | 5,573     |
| farms  | 296,666    | 322,667    | 9,756              | 9,199     | 793                              | 1,666   | 286,910            | 313,468   |
| Owned and rented land in farms:  |            |            |                    |           |                                  |         |                    |           |
| Owned land in farms .....  | 51,288     | 50,467     | 4,173              | 3,825     | 1,433                            | 1,700   | 47,115             | 46,642    |
| farms  | 6,272,344  | 6,466,678  | 805,929            | 729,620   | 97,703                           | 112,347 | 5,466,415          | 5,737,058 |
| acres  | 16,226     | 20,055     | 1,775              | 1,793     | 279                              | 425     | 14,451             | 18,262    |
| Rented or leased land in farms .....   | 3,870,614  | 3,977,257  | 757,833            | 593,348   | 45,054                           | 48,706  | 3,112,781          | 3,383,909 |
| Market value of agricultural products sold (see text) .....                        | \$1,000    | 3,772,435  | 3,694,670          | 1,420,268 | 1,128,367                        | 494,280 | 381,725            | 2,352,167 |
| Average per farm .....   | dollars    | 70,757     | 69,035             | 321,837   | 273,676                          | 321,797 | 204,678            | 48,100    |
| Crops, including nursery and greenhouse crops .....                                | farms      | 29,697     | 34,893             | 4,051     | 3,905                            | 1,435   | 1,779              | 25,646    |
| \$1,000  |            | 2,362,628  | 2,314,487          | 1,201,299 | 982,640                          | 490,549 | 377,001            | 30,988    |
| Livestock, poultry, and their products .....                                       | farms      | 18,203     | 22,421             | 878       | 771                              | 114     | 151                | 1,161,329 |
| \$1,000  |            | 1,409,807  | 1,380,183          | 218,968   | 145,726                          | 3,731   | 4,724              | 17,325    |
| Total farm production expenses <sup>1</sup> .....                                  | \$1,000    | 3,333,716  | 2,975,925          | 1,152,303 | 840,226                          | 352,388 | 253,714            | 2,181,412 |
| Average per farm .....   | dollars    | 62,551     | 55,610             | 231,852   | 211,911                          | 198,977 | 133,957            | 45,140    |
| Fertilizer, lime, and soil conditioners <sup>2</sup> .....                         | farms      | 28,156     | 32,882             | 4,279     | 3,505                            | 1,425   | 1,521              | 23,877    |
| \$1,000  |            | 241,158    | 255,435            | 60,989    | 51,405                           | 11,896  | 8,070              | 204,030   |
| Chemicals .....  | farms      | 23,602     | 28,900             | 3,873     | 3,185                            | 1,297   | 1,346              | 19,729    |
| \$1,000  |            | 181,198    | 192,051            | 63,123    | 51,903                           | 11,570  | 7,860              | 118,075   |
| Seeds, plants, vines, and trees .....  | farms      | 25,048     | 29,989             | 3,945     | 3,001                            | 1,321   | 1,134              | 21,103    |
| \$1,000  |            | 257,178    | 190,356            | 126,794   | 74,739                           | 57,260  | 31,720             | 26,988    |
| Livestock and poultry purchased .....  | farms      | 11,647     | 12,804             | 571       | 467                              | 68      | 52                 | 11,076    |
| \$1,000  |            | 196,578    | 182,079            | 29,021    | 19,401                           | 902     | (D)                | 12,337    |
| Feed purchased .....   | farms      | 24,297     | 21,006             | 1,086     | 649                              | 203     | 100                | 23,211    |
| \$1,000  |            | 390,264    | 422,966            | 62,645    | 48,706                           | 1,884   | (D)                | 20,357    |
| Gasoline, fuels, and oils .....  | farms      | 50,597     | 48,593             | 4,850     | 3,808                            | 1,694   | 1,772              | 327,619   |
| \$1,000  |            | 145,503    | 150,939            | 48,191    | 41,770                           | 18,420  | 16,719             | 44,785    |
| Utilities (see text) .....   | farms      | 30,422     | (NA)               | 4,042     | (NA)                             | 1,342   | (NA)               | 109,170   |
| \$1,000  |            | 91,391     | (NA)               | 36,440    | (NA)                             | 12,438  | (NA)               | 26,380    |
| Supplies, repairs, and maintenance .....   | farms      | 47,754     | 43,382             | 4,802     | 3,551                            | 1,656   | 1,554              | 54,951    |
| \$1,000  |            | 334,489    | 222,953            | 117,443   | 51,882                           | 39,804  | 15,203             | 39,831    |
| Hired farm labor .....   | farms      | 12,279     | 15,975             | 2,616     | 2,484                            | 849     | 1,098              | 9,663     |
| \$1,000  |            | 469,731    | 389,932            | 282,446   | 212,515                          | 114,956 | 88,668             | 13,491    |
| Contract labor .....   | farms      | 3,614      | 4,307              | 639       | 618                              | 229     | 286                | 177,417   |
| \$1,000  |            | 35,023     | 29,646             | 15,009    | 14,021                           | 9,523   | 4,240              | 3,689     |
| Customwork and custom hauling .....  | farms      | 9,148      | (NA)               | 969       | (NA)                             | 125     | (NA)               | 15,625    |
| \$1,000  |            | 63,676     | (NA)               | 23,920    | (NA)                             | 6,824   | (NA)               | 8,179     |
| Cash rent for land, buildings, and grazing fees <sup>3</sup> .....                 | farms      | 12,399     | 14,087             | 1,655     | 1,520                            | 216     | 293                | 39,757    |
| \$1,000  |            | 216,140    | 170,373            | 70,428    | 42,289                           | 10,430  | 5,207              | 12,567    |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... | farms      | 3,940      | (NA)               | 825       | (NA)                             | 180     | (NA)               | 3,115     |
| \$1,000  |            | 33,771     | (NA)               | 14,683    | (NA)                             | 3,895   | (NA)               | 19,088    |
| Interest expense .....   | farms      | 18,089     | 20,406             | 2,524     | 2,251                            | 719     | 801                | 15,565    |
| \$1,000  |            | 211,406    | 201,024            | 60,977    | 50,727                           | 13,405  | 12,031             | 178,285   |
| Property taxes .....   | farms      | 50,494     | 50,654             | 4,699     | 3,714                            | 1,618   | 1,747              | 150,429   |
| \$1,000  |            | 157,933    | 124,879            | 26,950    | 18,382                           | 7,347   | 5,602              | 150,297   |
| All other production expenses (see text) .....                                     | farms      | 30,851     | 46,878             | 3,506     | 3,778                            | 1,074   | 1,732              | 106,497   |
| \$1,000  |            | 308,277    | 331,587            | 113,245   | 128,984                          | 31,835  | 44,865             | 27,345    |
| Commodity Credit Corporation loans (see text) .....                                | farms      | 2,601      | 1,664              | 297       | 181                              | 20      | 18                 | 43,100    |
| \$1,000  |            | 72,023     | 52,821             | 22,962    | 11,100                           | 533     | 711                | 41,721    |
| Government payments received .....   | farms      | 18,133     | 20,782             | 1,328     | 1,316                            | 142     | 278                | 16,805    |
| \$1,000  |            | 144,771    | 97,638             | 26,839    | 14,901                           | 1,361   | 1,837              | 19,466    |
| Income from farm-related sources (see text) <sup>4</sup> .....                     | farms      | 15,056     | 13,014             | 1,515     | 1,094                            | 341     | 362                | 82,737    |
| \$1,000  |            | 133,320    | 67,445             | 27,448    | 12,516                           | 4,529   | 3,010              | 13,541    |
| Estimated market value of all machinery and equipment <sup>1</sup> .....           | farms      | 50,891     | 53,513             | 4,937     | 3,965                            | 1,738   | 1,894              | 11,920    |
| \$1,000  |            | 3,761,334  | 3,318,370          | 784,809   | 564,221                          | 178,011 | 163,900            | 45,954    |
| Average per farm .....   | dollars    | 73,910     | 62,011             | 158,965   | 142,300                          | 102,423 | 86,536             | 49,548    |
| Livestock inventory:   |            |            |                    |           |                                  |         |                    |           |
| Cattle and calves .....  | farms      | 14,495     | 18,130             | 573       | 577                              | 51      | 91                 | 13,922    |
| number   |            | 998,204    | 1,051,130          | 99,178    | 83,885                           | 1,269   | 1,699              | 899,026   |
| Milk cows .....  | farms      | 3,013      | 4,226              | 213       | 183                              | 4       | 12                 | 2,800     |
| number   |            | 298,429    | 301,568            | 41,870    | 27,599                           | (D)     | 471                | 4,043     |
| Hogs and pigs .....  | farms      | 2,180      | 3,316              | 158       | 155                              | 14      | 16                 | 256,559   |
| number   |            | 927,400    | 1,024,236          | 227,946   | 180,436                          | 7,370   | 1,718              | 273,969   |
| Sheep and lambs .....  | farms      | 2,236      | 1,875              | 100       | 63                               | 11      | 13                 | 3,161     |
| number   |            | 88,541     | 77,250             | 7,165     | 4,791                            | 66      | 99                 | 843,800   |
| Average per farm .....   | dollars    |            |                    |           |                                  |         |                    | 1,812     |
|  |            |            |                    |           |                                  |         |                    | 81,376    |
|  |            |            |                    |           |                                  |         |                    | 72,459    |

<sup>1</sup> Data are based on a sample of farms.

<sup>2</sup> 1997 data exclude lime and manure.

<sup>3</sup> 1997 data exclude grazing fees.

<sup>4</sup> 1997 data are based on a sample of farms.

**Table 12. Cattle and Calves - Inventory: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                   | 2002   |         | 1997   |           | Item                                    | 2002   |         | 1997  |         |
|--|--------|---------|--------|-----------|---|--------|---------|-------|---------|
|  | Farms  | Number  | Farms  | Number    |   | Farms  | Number  | Farms | Number  |
| Cattle and calves .....                | 14,495 | 998,204 | 18,130 | 1,051,130 | Cattle and calves - Con.                |        |         |       |         |
| Farms with-                            |        |         |        |           | Cows and heifers that had calved - Con. |        |         |       |         |
| 1 to 9 .....                           | 4,512  | 21,515  | 5,299  | 25,443    | Milk cows .....                         | 3,013  | 298,429 | 4,226 | 301,568 |
| 10 to 19 .....                         | 2,717  | 37,290  | 3,623  | 50,023    | Farms with-                             |        |         |       |         |
| 20 to 49 .....                         | 3,278  | 100,409 | 4,404  | 136,481   | 1 to 9 .....                            | 509    | 1,555   | 620   | 2,023   |
| 50 to 99 .....                         | 1,656  | 114,350 | 2,197  | 150,102   | 10 to 19 .....                          | 261    | 3,405   | 407   | 5,756   |
| 100 to 199 .....                       | 1,186  | 162,007 | 1,435  | 195,506   | 20 to 49 .....                          | 689    | 22,981  | 1,223 | 40,237  |
| 200 to 499 .....                       | 856    | 251,543 | 949    | 277,149   | 50 to 99 .....                          | 723    | 50,205  | 1,015 | 69,464  |
| 500 to 999 .....                       | 208    | 137,920 | 165    | 105,780   | 100 to 199 .....                        | 546    | 73,672  | 714   | 93,576  |
| 1,000 to 2,499 .....                   | 64     | 98,709  | 49     | 70,127    | 200 to 499 .....                        | 217    | 62,418  | 208   | 55,260  |
| 2,500 to 4,999 .....                   | 14     | 49,211  | 6      | 22,220    | 500 to 999 .....                        | 49     | 33,795  | 29    | 19,610  |
| 5,000 or more .....                    | 4      | 25,250  | 3      | 18,299    | 1,000 or more .....                     | 29     | 50,308  | 10    | 15,642  |
| Cows and heifers that had calved ..... | 10,730 | 415,993 | 12,832 | 427,198   | Other cattle (see text) .....           | 12,711 | 582,211 | (NA)  | (NA)    |
| Farms with-                            |        |         |        |           | Farms with-                             |        |         |       |         |
| 1 to 9 .....                           | 4,485  | 20,111  | 5,294  | 23,422    | 1 to 9 .....                            | 5,112  | 22,275  | (NA)  | (NA)    |
| 10 to 19 .....                         | 2,302  | 30,778  | 2,551  | 34,227    | 10 to 19 .....                          | 2,505  | 33,425  | (NA)  | (NA)    |
| 20 to 49 .....                         | 1,980  | 59,056  | 2,625  | 79,443    | 20 to 49 .....                          | 2,463  | 73,611  | (NA)  | (NA)    |
| 50 to 99 .....                         | 1,018  | 69,115  | 1,290  | 87,243    | 50 to 99 .....                          | 1,217  | 82,143  | (NA)  | (NA)    |
| 100 to 199 .....                       | 631    | 85,082  | 801    | 104,641   | 100 to 199 .....                        | 858    | 114,687 | (NA)  | (NA)    |
| 200 to 499 .....                       | 233    | 66,157  | 229    | 61,172    | 200 to 499 .....                        | 436    | 123,269 | (NA)  | (NA)    |
| 500 to 999 .....                       | 52     | 35,386  | 32     | 21,398    | 500 to 999 .....                        | 85     | 55,547  | (NA)  | (NA)    |
| 1,000 to 2,499 .....                   | 24     | (D)     | 8      | (D)       | 1,000 to 2,499 .....                    | 26     | 36,163  | (NA)  | (NA)    |
| 2,500 or more .....                    | 5      | (D)     | 2      | (D)       | 2,500 or more .....                     | 9      | 41,091  | (NA)  | (NA)    |
| Beef cows .....                        | 8,144  | 117,564 | 9,062  | 125,630   | Cattle on feed (see text) .....         | 3,799  | 183,317 | (NA)  | (NA)    |
| Farms with-                            |        |         |        |           | Farms with-                             |        |         |       |         |
| 1 to 9 .....                           | 4,299  | 19,276  | 5,022  | 22,349    | 1 to 9 .....                            | 1,706  | 7,156   | (NA)  | (NA)    |
| 10 to 19 .....                         | 2,102  | 27,878  | 2,187  | 29,014    | 10 to 19 .....                          | 728    | 9,414   | (NA)  | (NA)    |
| 20 to 49 .....                         | 1,361  | 38,212  | 1,470  | 41,204    | 20 to 49 .....                          | 662    | 18,965  | (NA)  | (NA)    |
| 50 to 99 .....                         | 286    | 18,047  | 291    | 18,452    | 50 to 99 .....                          | 336    | 22,300  | (NA)  | (NA)    |
| 100 to 199 .....                       | 81     | (D)     | 78     | 9,741     | 100 to 199 .....                        | 206    | 26,383  | (NA)  | (NA)    |
| 200 to 499 .....                       | 14     | 3,486   | 11     | 3,090     | 200 to 499 .....                        | 115    | 32,979  | (NA)  | (NA)    |
| 500 to 999 .....                       | 1      | (D)     | 3      | 1,780     | 500 to 999 .....                        | 28     | 18,908  | (NA)  | (NA)    |
| 1,000 to 2,499 .....                   | -      | -       | -      | -         | 1,000 to 2,499 .....                    | 12     | 18,421  | (NA)  | (NA)    |
| 2,500 or more .....                    | -      | -       | -      | -         | 2,500 or more .....                     | 6      | 28,791  | (NA)  | (NA)    |

**Table 13. Cattle and Calves - Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Number sold  | 2002   |         |                 | 1997   |         |                 |
|--|--------|---------|-----------------|--------|---------|-----------------|
|  | Farms  | Number  | Value (\$1,000) | Farms  | Number  | Value (\$1,000) |
| Cattle and calves .....                                    | 11,293 | 516,107 | 298,517         | 16,330 | 554,154 | 284,374         |
| Farms by number sold-                                      |        |         |                 |        |         |                 |
| 1 to 9 .....   | 4,888  | 21,200  | 12,564          | 7,607  | 33,646  | 16,395          |
| 10 to 19 .....   | 2,252  | 30,376  | 16,636          | 3,494  | 46,641  | 20,395          |
| 20 to 49 .....   | 2,268  | 67,210  | 37,650          | 3,218  | 96,224  | 42,163          |
| 50 to 99 .....   | 949    | 63,443  | 34,992          | 1,193  | 80,190  | 37,091          |
| 100 to 199 .....   | 530    | 70,982  | 39,933          | 515    | 67,175  | 34,686          |
| 200 to 499 .....   | 263    | 76,370  | 43,416          | 201    | 56,055  | 30,508          |
| 500 to 999 .....   | 97     | 65,110  | 35,468          | 55     | 36,716  | 22,466          |
| 1,000 to 2,499 .....                                       | 31     | 47,113  | 29,926          | 35     | 51,454  | 33,985          |
| 2,500 to 4,999 .....                                       | 8      | 24,490  | 9,594           | 5      | 15,879  | 9,739           |
| 5,000 or more .....  | 7      | 49,813  | 38,339          | 7      | 70,174  | 36,946          |
| Cattle, including calves weighing 500 pounds or more ..... | 10,182 | 366,133 | (NA)            | 13,356 | 376,086 | 255,173         |
| Farms by number sold-                                      |        |         |                 |        |         |                 |
| 1 to 9 .....   | 5,141  | 21,323  | (NA)            | 7,327  | 30,166  | 17,581          |
| 10 to 19 .....   | 1,889  | 24,868  | (NA)            | 2,603  | 33,984  | 19,239          |
| 20 to 49 .....   | 1,821  | 53,259  | (NA)            | 2,172  | 63,904  | 37,715          |
| 50 to 99 .....   | 693    | 45,847  | (NA)            | 714    | 47,193  | 30,309          |
| 100 to 199 .....   | 360    | 46,747  | (NA)            | 338    | 43,062  | 30,129          |
| 200 to 499 .....   | 183    | 52,978  | (NA)            | 127    | 35,972  | 25,748          |
| 500 to 999 .....   | 64     | 41,686  | (NA)            | 41     | 27,759  | 20,346          |
| 1,000 to 2,499 .....                                       | 23     | (D)     | (NA)            | 25     | 36,243  | 29,851          |
| 2,500 to 4,999 .....                                       | 2      | (D)     | (NA)            | 3      | 10,429  | 8,829           |
| 5,000 or more .....  | 6      | 40,813  | (NA)            | 6      | 47,374  | 35,427          |
| Cattle on feed (see text) .....                            | 4,590  | 207,660 | (NA)            | 5,421  | 213,428 | 166,873         |
| Farms by number sold-                                      |        |         |                 |        |         |                 |
| 1 to 9 .....   | 2,574  | 10,011  | (NA)            | 3,231  | 12,156  | 8,724           |
| 10 to 19 .....   | 737    | 9,573   | (NA)            | 902    | 11,756  | 8,492           |
| 20 to 49 .....   | 638    | 18,949  | (NA)            | 732    | 21,328  | 16,052          |
| 50 to 99 .....   | 292    | 19,664  | (NA)            | 274    | 18,472  | 14,581          |
| 100 to 199 .....   | 181    | 24,003  | (NA)            | 153    | 19,462  | 15,528          |
| 200 to 499 .....   | 109    | 31,738  | (NA)            | 70     | 21,042  | 16,954          |
| 500 to 999 .....   | 35     | (D)     | (NA)            | 28     | 19,380  | 15,257          |
| 1,000 to 2,499 .....                                       | 16     | 24,945  | (NA)            | 22     | 32,054  | 27,037          |
| 2,500 to 4,999 .....                                       | 2      | (D)     | (NA)            | 3      | 10,404  | 8,820           |
| 5,000 or more .....  | 6      | 40,813  | (NA)            | 6      | 47,374  | 35,427          |
| Calves weighing less than 500 pounds .....                 | 4,348  | 149,974 | (NA)            | 7,607  | 178,068 | 29,201          |
| Farms by number sold-                                      |        |         |                 |        |         |                 |
| 1 to 9 .....   | 2,041  | 8,585   | (NA)            | 3,960  | 16,756  | 3,729           |
| 10 to 19 .....   | 962    | 12,131  | (NA)            | 1,627  | 21,146  | 4,076           |
| 20 to 49 .....   | 795    | 22,659  | (NA)            | 1,411  | 40,217  | 7,128           |
| 50 to 99 .....   | 303    | 19,718  | (NA)            | 429    | 27,618  | 4,077           |
| 100 to 199 .....   | 141    | 18,275  | (NA)            | 114    | 14,165  | 1,985           |
| 200 to 499 .....   | 63     | 18,652  | (NA)            | 47     | 13,808  | 2,400           |
| 500 to 999 .....   | 29     | 18,634  | (NA)            | 8      | 5,368   | 832             |
| 1,000 or more .....  | 14     | 31,320  | (NA)            | 11     | 38,990  | 4,973           |

**Table 14. Cattle and Calves Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Herd size  | Cattle and calves inventory |         |                                  |         |                         |         | Cattle and calves sales |         |                 |
|--|-----------------------------|---------|----------------------------------|---------|-------------------------|---------|-------------------------|---------|-----------------|
|  | Total                       |         | Cows and heifers that had calved |         | Other cattle (see text) |         |                         |         |                 |
|  | Farms                       | Number  | Farms                            | Number  | Farms                   | Number  | Farms                   | Number  | Value (\$1,000) |
| Total .....  | 14,495                      | 998,204 | 10,730                           | 415,993 | 12,711                  | 582,211 | 10,862                  | 506,144 | 292,542         |
| Farms with herd size of-                             |                             |         |                                  |         |                         |         |                         |         |                 |
| 1 to 9 .....   | 4,512                       | 21,515  | 2,711                            | 9,669   | 3,255                   | 11,846  | 2,120                   | 10,420  | 6,237           |
| 10 to 19 .....                                       | 2,717                       | 37,290  | 2,120                            | 17,791  | 2,328                   | 19,499  | 1,827                   | 16,649  | 9,089           |
| 20 to 49 .....                                       | 3,278                       | 100,409 | 2,660                            | 42,993  | 3,191                   | 57,416  | 3,011                   | 45,215  | 26,236          |
| 50 to 99 .....                                       | 1,656                       | 114,350 | 1,345                            | 47,887  | 1,623                   | 66,463  | 1,612                   | 53,678  | 30,212          |
| 100 to 199 .....                                     | 1,186                       | 162,007 | 950                              | 66,832  | 1,171                   | 95,175  | 1,155                   | 73,117  | 43,514          |
| 200 to 499 .....                                     | 856                         | 251,543 | 714                              | 100,753 | 854                     | 150,790 | 847                     | 110,149 | 62,407          |
| 500 to 999 .....                                     | 208                         | 137,920 | 169                              | 57,613  | 207                     | 80,307  | 208                     | 73,083  | 41,569          |
| 1,000 to 2,499 .....                                 | 64                          | 98,709  | 50                               | 44,750  | 64                      | 53,959  | 64                      | 57,847  | 34,008          |
| 2,500 to 4,999 .....                                 | 14                          | 49,211  | 10                               | (D)     | 14                      | (D)     | 14                      | 46,934  | 22,556          |
| 5,000 or more .....                                  | 4                           | 25,250  | 1                                | (D)     | 4                       | (D)     | 4                       | 19,052  | 16,714          |
| No cattle and calves herd, as of Dec. 31, 2002 ..... | (X)                         | (X)     | (X)                              | (X)     | (X)                     | (X)     | 431                     | 9,963   | 5,975           |

**Table 15. Cow Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Cow herd <sup>1</sup>                  | Cattle and calves inventory |         |                                  |         |                         |         | Cattle and calves sales |         |                 |
|--|-----------------------------|---------|----------------------------------|---------|-------------------------|---------|-------------------------|---------|-----------------|
|  | Total                       |         | Cows and heifers that had calved |         | Other cattle (see text) |         |                         |         |                 |
|  | Farms                       | Number  | Farms                            | Number  | Farms                   | Number  | Farms                   | Number  | Value (\$1,000) |
| Total .....                            | 10,730                      | 790,600 | 10,730                           | 415,993 | 8,946                   | 374,607 | 8,174                   | 284,668 | 133,182         |
| Farms with cow herd size of-           |                             |         |                                  |         |                         |         |                         |         |                 |
| 1 to 9 .....                           | 4,485                       | 47,689  | 4,485                            | 20,111  | 3,228                   | 27,578  | 2,426                   | 18,803  | 10,593          |
| 10 to 19 .....                         | 2,302                       | 60,603  | 2,302                            | 30,778  | 1,913                   | 29,825  | 1,878                   | 23,216  | 13,073          |
| 20 to 49 .....                         | 1,980                       | 116,636 | 1,980                            | 59,056  | 1,893                   | 57,580  | 1,925                   | 44,959  | 24,481          |
| 50 to 99 .....                         | 1,018                       | 137,733 | 1,018                            | 69,115  | 985                     | 68,618  | 1,004                   | 42,739  | 22,076          |
| 100 to 199 .....                       | 631                         | 169,679 | 631                              | 85,082  | 616                     | 84,597  | 627                     | 53,525  | 26,349          |
| 200 to 499 .....                       | 233                         | 125,779 | 233                              | 66,157  | 231                     | 59,622  | 233                     | 42,028  | 17,330          |
| 500 to 999 .....                       | 52                          | 57,779  | 52                               | 35,386  | 51                      | 22,393  | 52                      | 22,808  | 8,364           |
| 1,000 to 2,499 .....                   | 24                          | 53,528  | 24                               | (D)     | 24                      | (D)     | 24                      | 23,828  | 6,744           |
| 2,500 or more .....                    | 5                           | 21,174  | 5                                | (D)     | 5                       | (D)     | 5                       | 12,762  | 4,174           |
| No cow herd, as of Dec. 31, 2002 ..... | 3,765                       | 207,604 | (X)                              | (X)     | 3,765                   | 207,604 | 3,119                   | 231,439 | 165,335         |

<sup>1</sup> Cow herd includes beef cows, milk cows, and heifers that had calved.

**Table 16. Beef Cow Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Beef cow herd                               | Cattle and calves inventory |         |                                  |         |                           |         | Other cattle (see text) |         |         |
|---|-----------------------------|---------|----------------------------------|---------|---------------------------|---------|-------------------------|---------|---------|
|   | Total                       |         | Cows and heifers that had calved |         | Beef cows                 |         |                         |         |         |
|   | Farms                       | Number  | Farms                            | Number  | Farms                     | Number  | Farms                   | Number  |         |
| Total .....                                 | 8,144                       | 271,404 | 8,144                            | 134,451 | 8,144                     | 117,564 | 6,500                   | 136,953 |         |
| Farms with beef herd size of-               |                             |         |                                  |         |                           |         |                         |         |         |
| 1 to 9 .....                                | 4,299                       | 57,071  | 4,299                            | 26,310  | 4,299                     | 19,276  | 3,090                   | 30,761  |         |
| 10 to 19 .....                              | 2,102                       | 57,542  | 2,102                            | 30,241  | 2,102                     | 27,878  | 1,726                   | 27,301  |         |
| 20 to 49 .....                              | 1,361                       | 83,188  | 1,361                            | 42,965  | 1,361                     | 38,212  | 1,306                   | 40,223  |         |
| 50 to 99 .....                              | 286                         | 41,208  | 286                              | 19,302  | 286                       | 18,047  | 284                     | 21,906  |         |
| 100 to 199 .....                            | 81                          | (D)     | 81                               | 11,647  | 81                        | (D)     | 79                      | (D)     |         |
| 200 to 499 .....                            | 14                          | 9,290   | 14                               | (D)     | 14                        | 3,486   | 14                      | (D)     |         |
| 500 to 999 .....                            | 1                           | (D)     | 1                                | (D)     | 1                         | (D)     | 1                       | (D)     |         |
| 1,000 to 2,499 .....                        | -                           | -       | -                                | -       | -                         | -       | -                       | -       |         |
| 2,500 or more .....                         | -                           | -       | -                                | -       | -                         | -       | -                       | -       |         |
| No beef cow herd, as of Dec. 31, 2002 ..... | 6,351                       | 726,800 | 2,586                            | 281,542 | (X)                       | (X)     | 6,211                   | 445,258 |         |
| Beef cow herd                               | Cattle and calves sales     |         |                                  |         |                           |         | Calves                  |         |         |
|   | Total                       |         | Cattle                           |         | Cattle on feed (see text) |         |                         |         |         |
|   | Farms                       | Number  | Total                            |         | Cattle on feed (see text) |         | Farms                   | Number  |         |
| Total .....                                 | 5,759                       | 107,714 | 62,316                           | 5,149   | 83,524                    | 2,170   | 34,286                  | 2,149   | 24,190  |
| Farms with beef herd size of-               |                             |         |                                  |         |                           |         |                         |         |         |
| 1 to 9 .....                                | 2,363                       | 17,873  | 9,956                            | 2,088   | 13,449                    | 886     | 5,779                   | 711     | 4,424   |
| 10 to 19 .....                              | 1,696                       | 21,069  | 11,844                           | 1,503   | 15,945                    | 613     | (D)                     | 694     | 5,124   |
| 20 to 49 .....                              | 1,325                       | 32,955  | 19,048                           | 1,199   | 25,084                    | 504     | 9,075                   | 578     | 7,871   |
| 50 to 99 .....                              | 279                         | 17,174  | 10,404                           | 263     | 13,556                    | 122     | 6,297                   | 126     | 3,618   |
| 100 to 199 .....                            | 81                          | 12,797  | 7,373                            | 81      | 10,304                    | 34      | 2,955                   | 35      | 2,493   |
| 200 to 499 .....                            | 14                          | (D)     | (D)                              | 14      | (D)                       | 10      | 3,895                   | 4       | (D)     |
| 500 to 999 .....                            | 1                           | (D)     | (D)                              | 1       | (D)                       | 1       | (D)                     | 1       | (D)     |
| 1,000 to 2,499 .....                        | -                           | -       | -                                | -       | -                         | -       | -                       | -       | -       |
| 2,500 or more .....                         | -                           | -       | -                                | -       | -                         | -       | -                       | -       | -       |
| No beef cow herd, as of Dec. 31, 2002 ..... | 5,534                       | 408,393 | 236,201                          | 5,033   | 282,609                   | 2,420   | 173,374                 | 2,199   | 125,784 |

**Table 17. Milk Cow Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Milk cow herd                               | Cattle and calves inventory |         |                                  |         |           |         |                         |                     |
|---|-----------------------------|---------|----------------------------------|---------|-----------|---------|-------------------------|---------------------|
|   | Total                       |         | Cows and heifers that had calved |         |           |         | Other cattle (see text) |                     |
|   |                             |         | Total                            |         | Milk cows |         |                         |                     |
|   | Farms                       | Number  | Farms                            | Number  | Farms     | Number  | Farms                   | Number              |
| Total .....                                 | 3,013                       | 561,538 | 3,013                            | 304,240 | 3,013     | 298,429 | 2,815                   | 257,298             |
| Farms with milk cow herd size of-           |                             |         |                                  |         |           |         |                         |                     |
| 1 to 9 .....                                | 509                         | 9,147   | 509                              | 3,135   | 509       | 1,555   | 415                     | 6,012               |
| 10 to 19 .....                              | 251                         | 9,280   | 251                              | 3,777   | 251       | 3,495   | 226                     | 5,503               |
| 20 to 49 .....                              | 689                         | 47,393  | 689                              | 24,237  | 689       | 22,981  | 657                     | 23,156              |
| 50 to 99 .....                              | 723                         | 100,111 | 723                              | 51,586  | 723       | 50,205  | 691                     | 48,525              |
| 100 to 199 .....                            | 546                         | 148,989 | 546                              | 74,522  | 546       | 73,672  | 534                     | 74,467              |
| 200 to 499 .....                            | 217                         | 116,665 | 217                              | 62,859  | 217       | 62,418  | 215                     | 53,806              |
| 500 to 999 .....                            | 49                          | 55,251  | 49                               | 33,816  | 49        | 33,795  | 48                      | 21,435              |
| 1,000 or more .....                         | 29                          | 74,702  | 29                               | 50,308  | 29        | 50,308  | 29                      | 24,394              |
| No milk cow herd, as of Dec. 31, 2002 ..... | 11,482                      | 436,666 | 7,717                            | 111,753 | (X)       | (X)     | 9,896                   | 324,913             |
| Cattle and calves sales                     |                             |         |                                  |         |           |         |                         |                     |
| Milk cow herd                               | Total                       |         |                                  | Cattle  |           | Calves  |                         | Dairy product sales |
|   | Farms                       | Number  | Value (\$1,000)                  | Farms   | Number    | Farms   | Number                  | Farms               |
|   | 2,775                       | 189,171 | 77,103                           | 2,393   | 94,152    | 1,893   | 95,019                  | 2,671               |
| Total .....                                 |                             |         |                                  |         |           |         |                         | 694,305             |
| Farms with milk cow herd size of-           |                             |         |                                  |         |           |         |                         |                     |
| 1 to 9 .....                                | 318                         | 5,804   | 2,942                            | 270     | 3,061     | 149     | 2,743                   | 168                 |
| 10 to 19 .....                              | 232                         | 3,453   | 1,824                            | 193     | 2,346     | 161     | 1,107                   | 251                 |
| 20 to 49 .....                              | 671                         | 15,900  | 7,405                            | 553     | 8,289     | 486     | 7,611                   | 688                 |
| 50 to 99 .....                              | 717                         | 27,465  | 12,817                           | 634     | 16,329    | 461     | 11,136                  | 723                 |
| 100 to 199 .....                            | 542                         | 41,436  | 19,622                           | 471     | 24,206    | 388     | 17,230                  | 546                 |
| 200 to 499 .....                            | 217                         | 36,695  | 13,620                           | 199     | 16,898    | 180     | 19,797                  | 217                 |
| 500 to 999 .....                            | 49                          | 21,828  | 7,955                            | 47      | 8,952     | 42      | 12,876                  | 49                  |
| 1,000 or more .....                         | 29                          | 36,590  | 10,917                           | 26      | 14,071    | 26      | 22,519                  | 29                  |
| No milk cow herd, as of Dec. 31, 2002 ..... | 8,518                       | 326,936 | 221,414                          | 7,789   | 271,981   | 2,455   | 54,955                  | 67                  |
|   |                             |         |                                  |         |           |         |                         | 3,615               |

**Table 18. Cattle and Calves - Number Sold Per Farm by Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Number sold                                 | Cattle and calves |         |                 | Cattle, including calves weighing 500 pounds or more |         |                           |         | Calves weighing less than 500 pounds |
|---|-------------------|---------|-----------------|--|---------|---------------------------|---------|--------------------------------------|
|   |                   |         |                 | Total  |         | Cattle on feed (see text) |         |                                      |
|   | Farms             | Number  | Value (\$1,000) | Farms  | Number  | Farms                     | Number  |                                      |
| Total .....                                 | 11,293            | 516,107 | 298,517         | 10,182   | 366,133 | 4,590                     | 207,660 | 4,348                                |
| Farms by number of cattle and calves sold - |                   |         |                 |  |         |                           |         |                                      |
| 1 to 9 .....                                | 4,888             | 21,200  | 12,564          | 4,339  | 16,830  | 2,084                     | 7,711   | 1,251                                |
| 10 to 19 .....                              | 2,252             | 30,376  | 16,636          | 2,000  | 21,458  | 850                       | 8,446   | 1,043                                |
| 20 to 49 .....                              | 2,268             | 67,210  | 37,650          | 2,072  | 48,460  | 816                       | 17,768  | 1,081                                |
| 50 to 99 .....                              | 949               | 63,443  | 34,992          | 881  | 44,068  | 369                       | 18,626  | 516                                  |
| 100 to 199 .....                            | 530               | 70,982  | 39,933          | 510  | 50,913  | 249                       | 24,783  | 267                                  |
| 200 to 499 .....                            | 263               | 76,370  | 43,416          | 247  | 54,473  | 142                       | 31,692  | 123                                  |
| 500 to 999 .....                            | 97                | 65,110  | 35,468          | 90   | 43,950  | 52                        | 26,445  | 46                                   |
| 1,000 to 2,499 .....                        | 31                | 47,113  | 29,926          | 30   | 36,013  | 19                        | 25,676  | 13                                   |
| 2,500 or more .....                         | 15                | 74,303  | 47,933          | 13   | 49,968  | 9                         | 46,513  | 8                                    |
|   |                   |         |                 |  |         |                           |         | 24,335                               |

**Table 19. Hogs and Pigs - Inventory: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Hogs and pigs                                       | 2002  |         | 1997  |           | Hogs and pigs  | 2002  |         | 1997  |         |
|---|-------|---------|-------|-----------|--|-------|---------|-------|---------|
|   | Farms | Number  | Farms | Number    |  | Farms | Number  | Farms | Number  |
| Total hogs and pigs .....                           | 2,180 | 927,400 | 3,316 | 1,024,236 | Total hogs and pigs - Con.                           |       |         |       |         |
| Farms with-   |       |         |       |           | Hogs and pigs used or to be used for breeding - Con. |       |         |       |         |
| 1 to 24 .....                                       | 1,291 | 9,356   | 1,871 | 13,074    | Farms with - Con.                                    |       |         |       |         |
| 25 to 49 .....                                      | 184   | 6,341   | 280   | 9,993     |  |       |         |       |         |
| 50 to 99 .....                                      | 151   | 10,214  | 293   | 19,508    |  |       |         |       |         |
| 100 to 199 .....                                    | 120   | 15,940  | 218   | 28,792    |  |       |         |       |         |
| 200 to 499 .....                                    | 129   | 40,340  | 249   | 77,466    | 100 to 199 .....                                     | 49    | 6,457   | 97    | 12,820  |
| 500 to 999 .....                                    | 85    | 64,942  | 158   | 107,397   | 200 to 499 .....                                     | 34    | 9,835   | 78    | 22,182  |
| 1,000 to 1,999 .....                                | 93    | 124,468 | 123   | 165,792   | 500 or more .....                                    | 38    | 75,839  | 57    | 70,903  |
| 2,000 to 4,999 .....                                | 90    | 269,530 | 91    | 284,435   | Other hogs and pigs .....                            | 2,007 | 823,970 | 3,104 | 895,595 |
| 5,000 or more .....                                 | 37    | 386,269 | 33    | 317,779   | Farms with-  |       |         |       |         |
| Hogs and pigs used or to be used for breeding ..... | 1,006 | 103,430 | 1,676 | 128,641   | 1 to 24 .....  | 1,194 | 8,667   | 1,766 | 11,726  |
| Farms with-   |       |         |       |           | 25 to 49 .....                                       | 148   | 5,050   | 274   | 9,758   |
| 1 to 24 .....                                       | 747   | 5,194   | 1,143 | 8,210     | 50 to 99 .....                                       | 142   | 9,386   | 267   | 18,060  |
| 25 to 49 .....                                      | 90    | 2,886   | 174   | 5,902     | 100 to 199 .....                                     | 107   | 13,921  | 183   | 24,677  |
| 50 to 99 .....                                      | 48    | 3,219   | 127   | 8,624     | 200 to 499 .....                                     | 121   | 36,941  | 245   | 77,973  |
|   |       |         |       |           | 500 to 999 .....                                     | 89    | 66,573  | 151   | 105,443 |
|   |       |         |       |           | 1,000 or more .....                                  | 206   | 683,432 | 218   | 647,958 |

**Table 20. Hogs and Pigs - Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Hogs and pigs                      | 2002  |           |                 | 1997  |           |                 |
|------------------------------------|-------|-----------|-----------------|-------|-----------|-----------------|
|                                    | Farms | Number    | Value (\$1,000) | Farms | Number    | Value (\$1,000) |
| Total hogs and pigs sold . . . . . | 2,336 | 2,789,197 | 200,027         | 3,029 | 2,195,553 | 227,452         |
| Farms with-                        |       |           |                 |       |           |                 |
| 1 to 24 . . . . .                  | 1,309 | 8,915     | 867             | 1,332 | 10,718    | 1,359           |
| 25 to 49 . . . . .                 | 172   | 5,731     | 451             | 324   | 11,781    | 1,305           |
| 50 to 99 . . . . .                 | 178   | 11,702    | 957             | 268   | 18,547    | 1,901           |
| 100 to 199 . . . . .               | 144   | 19,221    | 1,457           | 249   | 34,204    | 3,701           |
| 200 to 499 . . . . .               | 141   | 42,265    | 3,249           | 293   | 89,142    | 9,390           |
| 500 to 999 . . . . .               | 74    | 53,981    | 4,443           | 175   | 126,989   | 13,789          |
| 1,000 to 1,999 . . . . .           | 80    | 107,924   | 9,252           | 145   | 197,186   | 22,231          |
| 2,000 to 4,999 . . . . .           | 115   | 355,556   | 30,258          | 146   | 432,105   | 48,775          |
| 5,000 or more . . . . .            | 123   | 2,183,902 | 149,092         | 97    | 1,274,881 | 125,002         |
| 5,000 to 7,499 . . . . .           | 41    | 251,145   | 21,044          | 42    | 254,414   | 29,872          |
| 7,500 or more . . . . .            | 82    | 1,932,757 | 128,048         | 55    | 1,020,467 | 95,129          |

**Table 21. Hogs and Pigs Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Herd size                                     | Hogs and pigs inventory |         |                                 |         |                     |         | Hogs and pigs sales |           |                 |
|---|-------------------------|---------|---------------------------------|---------|---------------------|---------|---------------------|-----------|-----------------|
|   | Total                   |         | Used or to be used for breeding |         | Other hogs and pigs |         |                     |           |                 |
|   | Farms                   | Number  | Farms                           | Number  | Farms               | Number  | Farms               | Number    | Value (\$1,000) |
| Total inventory . . . . .                     | 2,180                   | 927,400 | 1,006                           | 103,430 | 2,007               | 823,970 | 1,761               | 2,754,622 | 196,870         |
| Farms with-                                   |                         |         |                                 |         |                     |         |                     |           |                 |
| 1 to 24 . . . . .                             | 1,291                   | 9,356   | 448                             | 1,858   | 1,130               | 7,498   | 896                 | 12,485    | 968             |
| 25 to 49 . . . . .                            | 184                     | 6,341   | 132                             | 1,307   | 181                 | 5,034   | 172                 | 12,747    | 847             |
| 50 to 99 . . . . .                            | 151                     | 10,214  | 119                             | 1,814   | 146                 | 8,400   | 145                 | 24,062    | 1,423           |
| 100 to 199 . . . . .                          | 120                     | 15,940  | 97                              | 2,223   | 120                 | 13,717  | 117                 | 23,678    | 1,792           |
| 200 to 499 . . . . .                          | 129                     | 40,340  | 77                              | 4,174   | 127                 | 36,166  | 129                 | 87,833    | 7,041           |
| 500 to 999 . . . . .                          | 85                      | 64,942  | 39                              | 5,365   | 85                  | 59,577  | 84                  | 186,513   | 14,799          |
| 1,000 to 1,999 . . . . .                      | 93                      | 124,468 | 44                              | 10,653  | 91                  | 113,815 | 91                  | 295,566   | 23,579          |
| 2,000 to 4,999 . . . . .                      | 90                      | 269,530 | 30                              | 17,389  | 90                  | 252,141 | 90                  | 783,559   | 59,315          |
| 5,000 or more . . . . .                       | 37                      | 386,269 | 20                              | 58,647  | 37                  | 327,622 | 37                  | 1,328,179 | 87,106          |
| No hogs or pigs on<br>Dec. 31, 2002 . . . . . | (X)                     | (X)     | (X)                             | (X)     | (X)                 | (X)     | 575                 | 34,575    | 3,157           |

**Table 22. Hogs and Pigs - Inventory and Sales by Number Sold Per Farm: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Hogs and pigs            | Hogs and pigs inventory |         |                                 |         |                     |         | Hogs and pigs sales |           |                 |
|--------------------------|-------------------------|---------|---------------------------------|---------|---------------------|---------|---------------------|-----------|-----------------|
|                          | Total                   |         | Used or to be used for breeding |         | Other hogs and pigs |         |                     |           |                 |
|                          | Farms                   | Number  | Farms                           | Number  | Farms               | Number  | Farms               | Number    | Value (\$1,000) |
| Total sold . . . . .     | 1,761                   | 921,572 | 861                             | 100,824 | 1,647               | 820,748 | 2,336               | 2,789,197 | 200,027         |
| Farms with sales of-     |                         |         |                                 |         |                     |         |                     |           |                 |
| 1 to 9 . . . . .         | 574                     | 3,730   | 153                             | 522     | 516                 | 3,208   | 965                 | 3,841     | 407             |
| 10 to 24 . . . . .       | 249                     | 4,095   | 117                             | 689     | 227                 | 3,406   | 344                 | 5,074     | 461             |
| 25 to 49 . . . . .       | 139                     | 3,807   | 99                              | 716     | 126                 | 3,091   | 172                 | 5,731     | 451             |
| 50 to 99 . . . . .       | 154                     | 9,112   | 121                             | 1,762   | 143                 | 7,350   | 178                 | 11,702    | 957             |
| 100 to 199 . . . . .     | 138                     | 11,720  | 98                              | 1,701   | 135                 | 10,019  | 144                 | 19,221    | 1,457           |
| 200 to 499 . . . . .     | 129                     | 25,729  | 109                             | 3,302   | 125                 | 22,427  | 141                 | 42,265    | 3,249           |
| 500 to 999 . . . . .     | 68                      | 29,053  | 38                              | 2,577   | 68                  | 26,476  | 74                  | 53,981    | 4,443           |
| 1,000 or more . . . . .  | 310                     | 834,326 | 126                             | 89,555  | 307                 | 744,771 | 318                 | 2,647,382 | 188,602         |
| 1,000 to 1,999 . . . . . | 77                      | 56,828  | 40                              | 4,436   | 77                  | 52,392  | 80                  | 107,924   | 9,252           |
| 2,000 to 4,999 . . . . . | 110                     | 147,350 | 38                              | 7,620   | 108                 | 139,730 | 115                 | 355,556   | 30,258          |
| 5,000 to 7,499 . . . . . | 41                      | 99,001  | 15                              | 6,175   | 40                  | 92,826  | 41                  | 251,145   | 21,044          |
| 7,500 or more . . . . .  | 82                      | 531,147 | 33                              | 71,324  | 82                  | 459,823 | 82                  | 1,932,757 | 128,048         |
| None sold . . . . .      | 419                     | 5,828   | 145                             | 2,606   | 360                 | 3,222   | (X)                 | (X)       | (X)             |

**Table 23. Hogs and Pigs - Inventory by Type of Producer: 2002**

[Farm counts and inventories may be included in more than one producer type. For meaning of abbreviations and symbols, see introductory text]

| Herd size             | Independent grower |         | Contractor or integrator |         | Contract grower (Contractee) |         |
|-----------------------|--------------------|---------|--------------------------|---------|------------------------------|---------|
|                       | Farms              | Number  | Farms                    | Number  | Farms                        | Number  |
| Total inventory ..... | 2,030              | 626,010 | 27                       | 248,331 | 161                          | 315,110 |
| Farms with-           |                    |         |                          |         |                              |         |
| 1 to 24 .....         | 1,291              | 9,356   | -                        | -       | 1                            | (D)     |
| 25 to 49 .....        | 184                | 6,341   | -                        | -       | -                            | -       |
| 50 to 99 .....        | 151                | 10,214  | -                        | -       | -                            | -       |
| 100 to 199 .....      | 119                | 15,840  | -                        | -       | 1                            | (D)     |
| 200 to 499 .....      | 101                | 29,656  | -                        | -       | 28                           | (D)     |
| 500 to 999 .....      | 58                 | 44,360  | 2                        | (D)     | 29                           | 22,337  |
| 1,000 to 1,999 .....  | 57                 | 76,206  | 4                        | (D)     | 41                           | 56,184  |
| 2,000 to 4,999 .....  | 44                 | 130,725 | 6                        | 22,301  | 50                           | 151,455 |
| 5,000 or more .....   | 25                 | 303,312 | 15                       | 218,989 | 11                           | 74,337  |
| 5,000 to 7,499 .....  | 10                 | 63,700  | 4                        | 26,550  | 8                            | 45,037  |
| 7,500 or more .....   | 15                 | 239,612 | 11                       | 192,439 | 3                            | 29,300  |

**Table 24. Hogs and Pigs - Number Sold by Type of Producer: 2002**

[Farm counts and inventories may be included in more than one producer type. For meaning of abbreviations and symbols, see introductory text]

| Hogs and pigs                  | Independent grower |           | Contractor or integrator |         | Contract grower (Contractee) |           |
|--------------------------------|--------------------|-----------|--------------------------|---------|------------------------------|-----------|
|                                | Farms              | Number    | Farms                    | Number  | Farms                        | Number    |
| Total hogs and pigs sold ..... | 2,178              | 1,690,560 | 27                       | 885,732 | 170                          | 1,070,455 |
| Farms with-                    |                    |           |                          |         |                              |           |
| 1 to 24 .....                  | 1,309              | 8,915     | -                        | -       | -                            | -         |
| 25 to 49 .....                 | 172                | 5,731     | -                        | -       | 1                            | (D)       |
| 50 to 99 .....                 | 178                | 11,702    | -                        | -       | -                            | -         |
| 100 to 199 .....               | 144                | 19,221    | -                        | -       | -                            | -         |
| 200 to 499 .....               | 138                | 41,279    | -                        | -       | 3                            | (D)       |
| 500 to 999 .....               | 54                 | 37,666    | -                        | -       | 21                           | 16,815    |
| 1,000 to 1,999 .....           | 59                 | 79,742    | 1                        | (D)     | 22                           | 29,182    |
| 2,000 to 4,999 .....           | 61                 | 184,117   | 4                        | (D)     | 59                           | 187,415   |
| 5,000 or more .....            | 63                 | 1,302,187 | 22                       | 872,267 | 64                           | 836,027   |
| 5,000 to 7,499 .....           | 21                 | 130,097   | 3                        | 19,500  | 24                           | 147,360   |
| 7,500 or more .....            | 42                 | 1,172,090 | 19                       | 852,767 | 40                           | 688,667   |

**Table 25. Hogs and Pigs - Inventory by Type of Operation: 2002**

[Farm counts and inventories may be included in more than one operation type. For meaning of abbreviations and symbols, see introductory text]

| Herd size             | Farrow to wean |        | Farrow to finish |         | Finish only |         | Farrow to feeder |        | Nursery |        |
|-----------------------|----------------|--------|------------------|---------|-------------|---------|------------------|--------|---------|--------|
|                       | Farms          | Number | Farms            | Number  | Farms       | Number  | Farms            | Number | Farms   | Number |
| Total inventory ..... | 106            | 57,384 | 819              | 428,267 | 888         | 381,860 | 236              | 28,797 | 22      | 49,150 |
| Farms with-           |                |        |                  |         |             |         |                  |        |         |        |
| 1 to 24 .....         | 58             | 482    | 362              | 3,280   | 577         | 3,913   | 140              | 1,335  | 5       | 42     |
| 25 to 49 .....        | 14             | 440    | 97               | 3,330   | 49          | 1,699   | 43               | 1,519  | 1       | (D)    |
| 50 to 99 .....        | 9              | 592    | 97               | 6,701   | 31          | 1,999   | 20               | 1,338  | 1       | (D)    |
| 100 to 199 .....      | 6              | 817    | 88               | 11,891  | 18          | 2,346   | 15               | 1,756  | 1       | (D)    |
| 200 to 499 .....      | 3              | 1,212  | 65               | 19,262  | 57          | 18,901  | 8                | 2,195  | 1       | (D)    |
| 500 to 999 .....      | 3              | 2,440  | 29               | 22,215  | 45          | 34,540  | 7                | 5,504  | 3       | 2,050  |
| 1,000 to 1,999 .....  | 4              | 5,725  | 40               | 53,466  | 44          | 58,430  | -                | -      | 2       | (D)    |
| 2,000 to 4,999 .....  | 4              | 13,006 | 27               | 85,666  | 53          | 154,124 | 1                | (D)    | 3       | 9,025  |
| 5,000 or more .....   | 5              | 32,670 | 14               | 222,456 | 14          | 105,908 | 2                | (D)    | 5       | 34,811 |
| 5,000 to 7,499 .....  | 4              | (D)    | 1                | (D)     | 9           | 55,332  | 2                | (D)    | 3       | (D)    |
| 7,500 or more .....   | 1              | (D)    | 13               | (D)     | 5           | 50,576  | -                | -      | 2       | (D)    |

**Table 26. Hogs and Pigs - Number Sold by Type of Operation: 2002**

[Farm counts and inventories may be included in more than one operation type. For meaning of abbreviations and symbols, see introductory text]

| Hogs and pigs                  | Farrow to wean |         | Farrow to finish |           | Finish only |           | Farrow to feeder |         | Nursery |         |
|--------------------------------|----------------|---------|------------------|-----------|-------------|-----------|------------------|---------|---------|---------|
|                                | Farms          | Number  | Farms            | Number    | Farms       | Number    | Farms            | Number  | Farms   | Number  |
| Total hogs and pigs sold ..... | 107            | 363,855 | 847              | 1,073,496 | 1,077       | 1,055,466 | 219              | 104,587 | 23      | 283,069 |
| Farms with-                    |                |         |                  |           |             |           |                  |         |         |         |
| 1 to 24 .....                  | 47             | 507     | 350              | 2,827     | 708         | 4,461     | 83               | 686     | 4       | 51      |
| 25 to 49 .....                 | 13             | (D)     | 83               | 2,739     | 56          | 1,884     | 30               | 983     | -       | -       |
| 50 to 99 .....                 | 15             | 944     | 106              | 6,889     | 43          | 2,870     | 30               | 1,949   | 2       | (D)     |
| 100 to 199 .....               | 6              | 728     | 80               | (D)       | 41          | 5,215     | 33               | 4,451   | -       | -       |
| 200 to 499 .....               | 6              | 2,273   | 94               | 28,812    | 21          | 6,317     | 23               | (D)     | 4       | 1,085   |
| 500 to 999 .....               | 1              | (D)     | 33               | (D)       | 31          | 23,976    | 10               | 6,385   | 2       | (D)     |
| 1,000 to 1,999 .....           | 3              | 3,572   | 34               | 47,203    | 42          | 55,955    | 1                | (D)     | 1       | (D)     |
| 2,000 to 4,999 .....           | 3              | 6,900   | 32               | 92,915    | 70          | 218,168   | 7                | 24,547  | 1       | (D)     |
| 5,000 or more .....            | 13             | 347,547 | 35               | 857,337   | 65          | 736,620   | 2                | (D)     | 9       | 274,702 |
| 5,000 to 7,499 .....           | 1              | (D)     | 14               | 83,112    | 25          | 155,946   | -                | -       | 1       | (D)     |
| 7,500 or more .....            | 12             | (D)     | 21               | 774,225   | 40          | 580,674   | 2                | (D)     | 8       | (D)     |

**Table 27. Poultry - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | 2002  |           | 1997  |           | Item  | 2002  |           | 1997      |           |
|--|-------|-----------|-------|-----------|---|-------|-----------|-----------|-----------|
|  | Farms | Number    | Farms | Number    |   | Farms | Number    | Farms     | Number    |
| <b>INVENTORY</b>                                       |       |           |       |           |   |       |           |           |           |
| Layers 20 weeks old and older . . . . .                | 3,491 | 7,308,261 | 2,760 | 4,941,675 | <b>NUMBER SOLD - Con.</b>                                     |       |           |           |           |
| Farms with inventory of-                               |       |           |       |           | Broilers and other meat-type chickens .                       | 659   | 4,027,972 | 416       | 405,014   |
| 1 to 49 . . . . .                                      | 2,954 | 51,146    | 2,334 | 40,018    | Farms by number sold-   |       |           |           |           |
| 50 to 99 . . . . .                                     | 338   | 19,944    | 258   | 16,032    | 1 to 1,999 . . . . .  | 640   | 60,446    | 406       | (D)       |
| 100 to 399 . . . . .                                   | 150   | 22,800    | 119   | 17,906    | 2,000 to 15,999 . . . . .                                     | 9     | 64,526    | 8         | 50,790    |
| 400 to 3,199 . . . . .                                 | 23    | 17,396    | 20    | 14,579    | 16,000 to 29,999 . . . . .                                    | -     | -         | -         | -         |
| 3,200 to 9,999 . . . . .                               | 5     | 28,027    | 3     | 18,780    | 30,000 to 59,999 . . . . .                                    | 1     | (D)       | -         | -         |
| 10,000 to 19,999 . . . . .                             | -     | -         | 3     | 32,300    | 60,000 to 99,999 . . . . .                                    | 1     | (D)       | 1         | (D)       |
| 20,000 to 49,999 . . . . .                             | 4     | 136,500   | 6     | 172,921   | 100,000 to 199,999 . . . . .                                  | 1     | (D)       | -         | -         |
| 50,000 to 99,999 . . . . .                             | 4     | 261,800   | 4     | 266,395   | 200,000 to 299,999 . . . . .                                  | 1     | (D)       | 1         | (D)       |
| 100,000 or more . . . . .                              | 13    | 6,770,648 | 13    | 4,362,744 | 300,000 to 499,999 . . . . .                                  | 3     | 1,348,000 | -         | -         |
| Pullets for laying flock replacement . . . . .         | 812   | 1,799,012 | (NA)  | (NA)      | 500,000 or more . . . . .                                     | 3     | (D)       | -         | -         |
| Broilers and other meat-type chickens . . . . .        | 1,035 | 663,588   | 860   | 99,814    | 500,000 to 749,999 . . . . .                                  | 2     | (D)       | -         | -         |
| Turkeys . . . . .                                      | 612   | 1,204,019 | 569   | 2,107,078 | 750,000 or more . . . . .                                     | 1     | (D)       | -         | -         |
| Emus . . . . .   | 109   | 608       | (NA)  | (NA)      | <b>Turkeys . . . . .</b>                                      |       | 366       | 3,306,299 | 288       |
| Ostriches . . . . .                                    | 29    | 502       | (NA)  | (NA)      | Farms by number sold-   |       |           |           | 6,482,633 |
| Ducks, geese, and other poultry <sup>1</sup> . . . . . | 1,693 | (X)       | 1,212 | (X)       | 1 to 1,999 . . . . .  | 342   | 12,718    | (NA)      | (NA)      |
| <b>NUMBER SOLD</b>                                     |       |           |       |           | 2,000 to 7,999 . . . . .                                      | 6     | 28,900    | (NA)      | (NA)      |
| Layers 20 weeks old and older . . . . .                | 599   | 4,905,609 | 314   | 1,275,879 | 8,000 to 15,999 . . . . .                                     | -     | -         | (NA)      | (NA)      |
| Pullets for laying flock replacement . . . . .         | 216   | 2,089,842 | 74    | 3,225,233 | 16,000 to 29,999 . . . . .                                    | 1     | (D)       | (NA)      | (NA)      |
|  |       |           |       |           | 30,000 to 59,999 . . . . .                                    | 2     | (D)       | (NA)      | (NA)      |
|  |       |           |       |           | 60,000 to 99,999 . . . . .                                    | 7     | (D)       | (NA)      | (NA)      |
|  |       |           |       |           | 100,000 or more . . . . .                                     | 8     | 2,672,864 | (NA)      | (NA)      |
|  |       |           |       |           | <b>Emus . . . . .</b>   |       | 24        | 187       | (NA)      |
|  |       |           |       |           | <b>Ostriches . . . . .</b>                                    |       | 18        | 480       | (NA)      |
|  |       |           |       |           | <b>Ducks, geese, and other poultry <sup>1</sup> . . . . .</b> |       | 517       | (X)       | 313       |
|  |       |           |       |           |   |       |           |           | (X)       |

<sup>1</sup> 1997 data include emus and ostriches.

**Table 28. Layers and Pullets - Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | 2002  |           | 1997  |         | Item   | 2002  |           | 1997  |           |
|--|-------|-----------|-------|---------|--|-------|-----------|-------|-----------|
|  | Farms | Number    | Farms | Number  |  | Farms | Number    | Farms | Number    |
| <b>Layers 20 weeks old and older . . . . .</b> |       |           |       |         |  |       |           |       |           |
| Farms by number sold-                          |       |           |       |         | Pullets for laying flock replacement . . . . . | 216   | 2,089,842 | 74    | 3,225,233 |
| 1 to 99 . . . . .                              | 518   | 10,378    | 253   | 5,439   | Farms by number sold-                          |       |           |       |           |
| 100 to 399 . . . . .                           | 51    | 8,459     | 32    | 6,153   | 1 to 1,999 . . . . .                           | 200   | 9,907     | 59    | 3,564     |
| 400 to 3,199 . . . . .                         | 8     | (D)       | 5     | 6,343   | 2,000 to 15,999 . . . . .                      | 5     | 15,176    | 1     | (D)       |
| 3,200 to 9,999 . . . . .                       | 3     | 12,300    | 4     | 20,418  | 16,000 to 29,999 . . . . .                     | 2     | (D)       | 1     | (D)       |
| 10,000 to 19,999 . . . . .                     | 2     | (D)       | 5     | 61,231  | 30,000 to 59,999 . . . . .                     | -     | -         | 1     | (D)       |
| 20,000 to 49,999 . . . . .                     | 3     | 93,000    | 7     | 175,219 | 60,000 to 99,999 . . . . .                     | 2     | (D)       | 3     | 237,900   |
| 50,000 to 99,999 . . . . .                     | 4     | 295,498   | 5     | 348,071 | 100,000 or more . . . . .                      | 7     | 1,874,259 | 9     | 2,922,169 |
| 100,000 or more . . . . .                      | 10    | 4,459,174 | 3     | 653,005 |  |       |           |       |           |

**Table 29. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | 2002  |        | 1997  |        | Item  | 2002  |         | 1997  |         |
|---|-------|--------|-------|--------|---|-------|---------|-------|---------|
|   | Farms | Number | Farms | Number |   | Farms | Number  | Farms | Number  |
| <b>Sheep and lambs inventory (see text) . . . . .</b> |       |        |       |        |   |       |         |       |         |
| Farms with-   |       |        |       |        | Sheep and lambs inventory (see text) - Con. |       |         |       |         |
| 1 to 24 . . . . .                                     | 1,508 | 12,736 | 1,150 | 10,256 | Ewes 1 year old or older . . . . .          | 1,980 | 46,649  | 1,569 | 39,492  |
| 25 to 99 . . . . .                                    | 543   | 25,485 | 585   | 27,740 | Wool production (pounds) . . . . .          | 1,423 | 584,510 | 1,422 | 458,955 |
| 100 to 299 . . . . .                                  | 147   | 22,689 | 104   | 16,770 | Sheep and lambs sold . . . . .              | 1,377 | 67,556  | 1,645 | 81,342  |
| 300 to 999 . . . . .                                  | 31    | 14,852 | 32    | 16,379 |   |       |         |       |         |
| 1,000 to 2,499 . . . . .                              | 5     | (D)    | 4     | 6,105  |   |       |         |       |         |
| 2,500 to 4,999 . . . . .                              | 2     | (D)    | -     | -      |   |       |         |       |         |
| 5,000 or more . . . . .                               | -     | -      | -     | -      |   |       |         |       |         |

**Table 30. Sheep and Lambs - Inventory, Wool Production, and Number Sold by Size of Flock: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Sheep and lambs inventory (see text)            | Sheep and lambs inventory |        |                          |        | Wool production |         | Sheep and lambs sold |        |
|---|---------------------------|--------|--------------------------|--------|-----------------|---------|----------------------|--------|
|   | Total                     |        | Ewes 1 year old or older |        |                 |         |                      |        |
|   | Farms                     | Number | Farms                    | Number | Farms           | Pounds  | Farms                | Number |
| Total .....                                     | 2,236                     | 88,541 | 1,980                    | 46,649 | 1,390           | 566,242 | 1,255                | 62,184 |
| Farms with inventory of-<br>1 to 24 .....       | 1,508                     | 12,736 | 1,277                    | 7,932  | 692             | 65,969  | 617                  | 5,891  |
| 25 to 99 .....                                  | 543                       | 25,485 | 525                      | 15,732 | 518             | 188,225 | 453                  | 19,213 |
| 100 to 299 .....                                | 147                       | 22,689 | 144                      | 13,095 | 142             | 135,669 | 147                  | 17,045 |
| 300 to 999 .....                                | 31                        | 14,852 | 30                       | 7,710  | 31              | 86,684  | 31                   | 10,609 |
| 1,000 to 2,499 .....                            | 5                         | (D)    | 4                        | 2,180  | 5               | (D)     | 5                    | (D)    |
| 2,500 to 4,999 .....                            | 2                         | (D)    | -                        | -      | 2               | (D)     | 2                    | (D)    |
| 5,000 or more .....                             | -                         | -      | -                        | -      | -               | -       | -                    | -      |
| No sheep and lambs as of<br>Dec. 31, 2002 ..... | (X)                       | (X)    | (X)                      | (X)    | 33              | 18,268  | 122                  | 5,372  |

**Table 31. Ewes 1 Year Old or Older - Inventory, Wool Production, and Number Sold by Size of Ewe Flock: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Ewes 1 year old or older inventory (see text)            | Sheep and lambs inventory |        |                          |        | Wool production |         | Sheep and lambs sold |        |
|--|---------------------------|--------|--------------------------|--------|-----------------|---------|----------------------|--------|
|  | Total                     |        | Ewes 1 year old or older |        |                 |         |                      |        |
|  | Farms                     | Number | Farms                    | Number | Farms           | Pounds  | Farms                | Number |
| Total .....  | 1,980                     | 78,091 | 1,980                    | 46,649 | 1,321           | 490,477 | 1,159                | 52,745 |
| Farms with inventory of-<br>1 to 24 .....                | 1,528                     | 20,863 | 1,528                    | 12,257 | 878             | 139,568 | 739                  | 12,833 |
| 25 to 99 .....   | 362                       | 27,700 | 362                      | 16,849 | 357             | 176,787 | 330                  | 18,739 |
| 100 to 199 .....   | 62                        | 13,910 | 62                       | 8,185  | 58              | 73,977  | 62                   | 10,581 |
| 200 to 499 .....   | 22                        | 10,029 | 22                       | 5,843  | 22              | 66,400  | 22                   | 7,267  |
| 500 to 999 .....   | 6                         | 5,589  | 6                        | 3,515  | 6               | 33,745  | 6                    | 3,325  |
| 1,000 to 2,499 .....                                     | -                         | -      | -                        | -      | -               | -       | -                    | -      |
| 2,500 to 4,999 .....                                     | -                         | -      | -                        | -      | -               | -       | -                    | -      |
| 5,000 or more .....                                      | -                         | -      | -                        | -      | -               | -       | -                    | -      |
| No ewes 1 year old or older as of<br>Dec. 31, 2002 ..... | 256                       | 10,450 | (X)                      | (X)    | 102             | 94,033  | 218                  | 14,811 |

**Table 32. Other Animals and Animal Products - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Inventory       |                 | Number sold      |                  | Item                                     | Inventory                                   |                 | Number sold       |                  |
|------------------------------------|-----------------|-----------------|------------------|------------------|--|---|-----------------|-------------------|------------------|
|                                    | 2002            | 1997            | 2002             | 1997             |  | 2002  | 1997            | 2002              | 1997             |
| Colonies of bees .....             | farms<br>number | 599<br>79,341   | 772<br>78,331    | 52<br>3,112      | 39<br>18,333                             | Goats, All - Con.                           |                 |                   |                  |
| Honey produced <sup>1</sup> .....  | farms<br>pounds | (X)<br>(X)      | 442<br>5,233,913 | 442<br>5,587,845 | Meat and other goats<br>(see text) ..... | farms<br>number                             | 1,601<br>10,785 | 1,166<br>5,909    | 457<br>4,691     |
| Bison .....                        | farms<br>number | 162<br>4,057    | (NA)<br>(NA)     | 60<br>764        | (NA)<br>(NA)                             | Horses and ponies .....                     | farms<br>number | 14,988<br>11,903  | 3,238<br>3,012   |
| Deer .....                         | farms<br>number | 403<br>23,151   | (NA)<br>(NA)     | 148<br>2,854     | (NA)<br>(NA)                             | Mules, burros, and donkeys .....            | farms<br>number | 104,949<br>82,740 | 11,615<br>11,243 |
| Elk .....                          | farms<br>number | 136<br>3,751    | (NA)<br>(NA)     | 73<br>734        | (NA)<br>(NA)                             | Llamas .....                                | farms<br>number | 545<br>470        | 82<br>91         |
| Aquaculture sold (see text) .....  | farms           | (X)             | (X)              | 83               | 96                                       | Mink and their pelts .....                  | farms<br>number | 3,789<br>45,899   | 329<br>44,262    |
| Goats, All .....                   | farms<br>number | 2,163<br>21,094 | 1,580<br>12,794  | 646<br>8,120     | 446<br>4,879                             | Rabbits and their pelts .....               | farms<br>number | 596<br>16,762     | 225<br>12,512    |
| Angora goats .....                 | farms<br>number | 145<br>1,374    | 164<br>(X)       | 28<br>525        | 45<br>577                                | Other livestock (see text) .....            | farms           | 16,733<br>147     | 11,835<br>49     |
| Mohair produced <sup>1</sup> ..... | farms<br>pounds | (X)<br>(X)      | 1,219<br>(X)     | 76<br>19,746     | 100<br>16,733                            | Other livestock products <sup>2</sup> ..... | farms           | (NA)              | (NA)             |
| Milk goats .....                   | farms<br>number | 843<br>8,935    | 514<br>4,690     | 267<br>2,904     | 148<br>2,179                             |   | (X)             | 153<br>(NA)       | (NA)             |

<sup>1</sup> 1997 data are for farms with sales.

<sup>2</sup> Data are for farms with production.

**Table 33. Specified Crops Harvested - Yield per Acre Irrigated and Nonirrigated: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Crop   | Entire crop irrigated |        |                        | Part of crop irrigated |                 |                     |                        | None of crop irrigated |           |                        |
|--|-----------------------|--------|------------------------|------------------------|-----------------|---------------------|------------------------|------------------------|-----------|------------------------|
|  | Farms                 | Acres  | Average yield per acre | Farms                  | Acres irrigated | Acres not irrigated | Average yield per acre | Farms                  | Acres     | Average yield per acre |
| Corn for grain (bushels) .....   | 214                   | 54,517 | 127.9                  | 643                    | 125,744         | 193,761             | 125.7                  | 12,756                 | 1,632,999 | 114.9                  |
| Corn for silage or greenchop (tons, green) .....   | 41                    | 2,711  | 17.8                   | 84                     | 7,207           | 16,563              | 16.1                   | 3,237                  | 207,120   | 14.6                   |
| Sorghum for grain (bushels) .....  | -                     | -      | -                      | 1                      | (D)             | (D)                 | (D)                    | 21                     | (D)       | (D)                    |
| Wheat for grain, All (bushels) .....   | 26                    | 4,297  | 67.0                   | 55                     | 1,099           | 4,432               | 65.7                   | 6,480                  | 423,955   | 65.1                   |
| Winter wheat for grain (bushels) .....   | 26                    | 4,297  | 67.0                   | 55                     | 1,099           | 4,432               | 65.7                   | 6,407                  | 420,365   | 65.3                   |
| Durum wheat for grain (bushels) .....  | -                     | -      | -                      | -                      | -               | -                   | -                      | 116                    | -         | -                      |
| Other Spring wheat for grain (bushels) .....   | -                     | -      | -                      | -                      | -               | -                   | -                      | 116                    | 3,590     | 46.9                   |
| Oats for grain (bushels) .....   | 12                    | 349    | 59.5                   | 20                     | 170             | 352                 | 61.5                   | 2,724                  | 62,614    | 63.0                   |
| Barley for grain (bushels) .....   | 4                     | 56     | 40.7                   | 3                      | 7               | 13                  | 40.0                   | 393                    | 11,544    | 49.7                   |
| Rice (cwt) .....   | -                     | -      | -                      | -                      | -               | -                   | -                      | -                      | -         | -                      |
| Soybeans for beans (bushels) .....   | 128                   | 18,624 | 43.4                   | 430                    | 65,556          | 125,570             | 39.8                   | 11,125                 | 1,845,674 | 37.8                   |
| Peanuts for nuts (pounds) .....  | -                     | -      | -                      | -                      | -               | -                   | -                      | -                      | -         | -                      |
| Dry edible beans, excluding limas (cwt) .....  | 42                    | 5,952  | 17.8                   | 40                     | 7,231           | 8,686               | 18.9                   | 1,505                  | 237,157   | 18.8                   |
| Cotton, All (bales) .....  | -                     | -      | -                      | -                      | -               | -                   | -                      | -                      | -         | -                      |
| Upland cotton (bales) .....  | -                     | -      | -                      | -                      | -               | -                   | -                      | -                      | -         | -                      |
| Pima cotton (bales) .....  | -                     | -      | -                      | -                      | -               | -                   | -                      | -                      | -         | -                      |
| Tobacco (pounds) .....   | -                     | -      | -                      | -                      | -               | -                   | -                      | -                      | -         | -                      |
| Potatoes (cwt) .....   | 151                   | 34,609 | 328.9                  | 40                     | 3,406           | 2,654               | 255.7                  | 204                    | 5,170     | 247.3                  |
| Sugarbeets for sugar (tons) .....  | 15                    | 1,315  | (D)                    | 31                     | (D)             | (D)                 | (D)                    | 943                    | 169,967   | (D)                    |
| Sugarcane for sugar (tons) .....   | -                     | -      | -                      | -                      | -               | -                   | -                      | -                      | -         | -                      |
| Forage - land used for all hay and all<br>haylage, grass silage, and<br>greenchop (see text) ..... | 134                   | 5,393  | (X)                    | 320                    | 12,021          | 30,561              | (X)                    | 21,613                 | 1,164,628 | (X)                    |
| Alfalfa hay (tons, dry) .....  | 99                    | 2,480  | 3.7                    | 206                    | 5,100           | 11,777              | 3.5                    | 17,817                 | 787,356   | 2.9                    |
| Small grain hay (tons, dry) .....  | 13                    | 81     | 1.8                    | 13                     | 61              | 453                 | 2.7                    | 834                    | 19,977    | 1.6                    |
| Tame hay other than alfalfa, small<br>grain, and wild hay (tons, dry) .....                        | 30                    | 691    | 1.5                    | 35                     | 458             | 887                 | 2.1                    | 3,697                  | 147,367   | 1.8                    |
| Wild hay (tons, dry) .....   | 7                     | 37     | 1.8                    | 7                      | 11              | 38                  | 0.7                    | 1,378                  | 35,033    | 1.2                    |
| Haylage or greenchop from alfalfa or<br>alfalfa mixtures (tons, green) .....                       | 35                    | 3,653  | 7.2                    | 69                     | 5,420           | 12,821              | 7.8                    | 1,972                  | 216,505   | 6.7                    |
| All other haylage, grass silage, and<br>greenchop (tons, green) .....                              | 16                    | 222    | 7.7                    | 5                      | 26              | 56                  | 3.8                    | 521                    | 23,956    | 4.8                    |
| Vegetables harvested for<br>sale (see text) .....  | 506                   | 34,685 | (X)                    | 311                    | 25,501          | 20,056              | (X)                    | 1,702                  | 55,186    | (X)                    |
| All land in orchards .....   | 215                   | 4,803  | (X)                    | 263                    | 8,462           | 23,328              | (X)                    | 2,123                  | 81,573    | (X)                    |
| All berries harvested for sale .....   | 372                   | 5,975  | (X)                    | 141                    | 5,927           | 3,144               | (X)                    | 538                    | 4,244     | (X)                    |

**Table 34. Specified Crops by Acres Harvested: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Crops   | 2002   |           |             |                |         | 1997   |           |             |                |         |
|---|--------|-----------|-------------|----------------|---------|--------|-----------|-------------|----------------|---------|
|   | Farms  | Acres     | Quantity    | Irrigated land |         | Farms  | Acres     | Quantity    | Irrigated land |         |
|   |        |           |             | Farms          | Acres   |        |           |             | Farms          | Acres   |
| <b>GRAINS AND GRAIN SILAGE</b>                    |        |           |             |                |         |        |           |             |                |         |
| Barley for grain (bushels) .....                  | 400    | 11,620    | 576,461     | 7              | 63      | 649    | 19,549    | 1,069,485   | 5              | 148     |
| Corn for grain (bushels) .....                    | 13,613 | 2,007,021 | 234,709,542 | 857            | 180,261 | 18,089 | 2,190,146 | 245,261,942 | 816            | 169,174 |
| 1.0 to 14.9 acres .....                           | 2,369  | 18,839    | 1,613,533   | 55             | 236     | 3,323  | 27,089    | 2,283,470   | 54             | 318     |
| 15.0 to 24.9 acres .....                          | 1,539  | 28,794    | 2,651,332   | 32             | 465     | 2,341  | 44,213    | 4,000,362   | 20             | 335     |
| 25.0 to 49.9 acres .....                          | 2,357  | 82,315    | 8,100,101   | 45             | 781     | 3,411  | 119,099   | 11,573,837  | 43             | 1,229   |
| 50.0 to 99.9 acres .....                          | 2,337  | 162,645   | 17,411,601  | 83             | 4,003   | 3,221  | 220,790   | 22,549,669  | 87             | 4,578   |
| 100.0 to 249.9 acres .....                        | 2,770  | 428,453   | 48,809,486  | 206            | 18,721  | 3,399  | 517,677   | 56,727,918  | 197            | 18,072  |
| 250.0 to 499.9 acres .....                        | 1,318  | 455,113   | 53,107,345  | 179            | 32,931  | 1,530  | 519,491   | 59,891,494  | 182            | 36,880  |
| 500.0 to 999.9 acres .....                        | 667    | 441,189   | 53,794,547  | 150            | 45,938  | 651    | 428,624   | 50,435,857  | 153            | 49,332  |
| 1,000.0 acres or more .....                       | 256    | 389,673   | 49,221,597  | 107            | 77,186  | 213    | 313,163   | 37,799,335  | 80             | 58,430  |
| 1,000.0 to 1,999.9 acres .....                    | 215    | 274,980   | 34,388,604  | 88             | 57,355  | 180    | 225,260   | 27,047,236  | 67             | 42,875  |
| 2,000.0 to 2,999.9 acres .....                    | 27     | 62,190    | 8,036,311   | 12             | 10,119  | 26     | 59,512    | 7,137,627   | 10             | 10,035  |
| 3,000.0 to 4,999.9 acres .....                    | 13     | (D)       | (D)         | 7              | 9,712   | 7      | 28,391    | 3,614,472   | 3              | 5,520   |
| 5,000.0 acres or more .....                       | 1      | (D)       | (D)         | -              | -       | -      | -         | -           | -              | -       |
| Corn for silage or greenchop (tons) .....         | 3,362  | 233,601   | 3,447,251   | 125            | 9,918   | 5,054  | 282,015   | 4,027,278   | 96             | 6,200   |
| 1.0 to 14.9 acres .....                           | 854    | 6,668     | 81,456      | 7              | 45      | 1,426  | 11,013    | 130,659     | 6              | 31      |
| 15.0 to 24.9 acres .....                          | 511    | 9,505     | 119,342     | 9              | 157     | 821    | 15,164    | 193,814     | 8              | 130     |
| 25.0 to 49.9 acres .....                          | 697    | 23,988    | 316,892     | 18             | 389     | 1,090  | 37,155    | 484,215     | 13             | 344     |
| 50.0 to 99.9 acres .....                          | 651    | 43,466    | 603,358     | 26             | 1,173   | 902    | 59,964    | 825,306     | 17             | 666     |
| 100.0 to 249.9 acres .....                        | 493    | 70,228    | 1,043,762   | 38             | 3,199   | 669    | 91,998    | 1,355,243   | 39             | 3,125   |
| 250.0 to 499.9 acres .....                        | 94     | 28,824    | 450,004     | 11             | 2,035   | 107    | 33,674    | 522,845     | 9              | 1,022   |
| 500.0 to 999.9 acres .....                        | 45     | 28,938    | 482,408     | 9              | 1,439   | 31     | 19,701    | 298,604     | 1              | (D)     |
| 1,000.0 acres or more .....                       | 17     | 21,984    | 350,029     | 7              | 1,481   | 8      | 13,346    | 216,592     | 3              | (D)     |
| Oats for grain (bushels) .....                    | 2,756  | 63,485    | 3,994,940   | 32             | 519     | 4,042  | 81,540    | 4,854,346   | 19             | 735     |
| 1.0 to 14.9 acres .....                           | 1,402  | 11,189    | 631,922     | 12             | 61      | 2,193  | 17,615    | 991,178     | 5              | (D)     |
| 15.0 to 24.9 acres .....                          | 570    | 10,530    | 637,258     | 10             | (D)     | 938    | 17,119    | 1,020,415   | 5              | 83      |
| 25.0 to 49.9 acres .....                          | 491    | 16,354    | 1,042,273   | 6              | 150     | 612    | 20,037    | 1,212,370   | 5              | 125     |
| 50.0 to 99.9 acres .....                          | 215    | 13,829    | 895,773     | 3              | 190     | 224    | 14,207    | 897,700     | 1              | (D)     |
| 100.0 to 249.9 acres .....                        | 75     | 10,017    | 671,014     | 1              | (D)     | 67     | 8,800     | 572,517     | 3              | 395     |
| 250.0 to 499.9 acres .....                        | 2      | (D)       | (D)         | -              | -       | 6      | (D)       | (D)         | -              | -       |
| 500.0 to 999.9 acres .....                        | 1      | (D)       | (D)         | -              | -       | -      | (D)       | (D)         | -              | -       |
| 1,000.0 acres or more .....                       | -      | -         | -           | -              | -       | 2      | (D)       | (D)         | -              | -       |
| Popcorn (pounds, shelled) .....                   | 26     | 1,455     | 4,375,505   | 8              | 278     | 44     | 5,177     | 12,737,610  | 17             | 3,059   |
| Proso millet (bushels) .....                      | 1      | (D)       | (D)         | -              | -       | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| Rye for grain (bushels) .....                     | 691    | 15,345    | 505,726     | 16             | 103     | 647    | 14,219    | 419,817     | 10             | 384     |
| Sorghum for grain (bushels) .....                 | 22     | 559       | 21,255      | 1              | (D)     | 18     | 541       | 22,334      | 2              | (D)     |
| Sorghum for silage or greenchop (tons) .....      | 158    | 2,595     | 20,068      | 2              | (D)     | 118    | 2,623     | 25,317      | 6              | 283     |
| Wheat for grain, All (bushels) .....              | 6,561  | 433,783   | 28,248,938  | 81             | 5,396   | 9,525  | 517,669   | 29,350,049  | 67             | 7,770   |
| 1.0 to 14.9 acres .....                           | 1,183  | 10,235    | 555,624     | 9              | 47      | 2,153  | (D)       | (D)         | 7              | 48      |
| 15.0 to 24.9 acres .....                          | 1,108  | 21,204    | 1,237,643   | 11             | 84      | 1,969  | 37,020    | 1,874,982   | 6              | 116     |
| 25.0 to 49.9 acres .....                          | 1,585  | 54,973    | 3,323,539   | 18             | (D)     | 2,347  | 80,425    | 4,382,576   | 12             | 338     |
| 50.0 to 99.9 acres .....                          | 1,387  | 94,339    | 6,065,080   | 14             | 546     | 1,645  | 109,617   | 6,311,295   | 12             | 633     |
| 100.0 to 249.9 acres .....                        | 1,047  | 151,695   | 10,125,701  | 20             | 1,004   | 1,139  | 161,367   | 9,424,023   | 15             | 1,783   |
| 250.0 to 499.9 acres .....                        | 204    | 67,099    | 4,635,409   | 4              | 658     | 221    | 71,704    | 4,322,353   | 12             | 2,815   |
| 500.0 to 999.9 acres .....                        | 42     | 27,262    | 1,843,867   | 4              | 1,810   | 42     | 26,667    | 1,535,955   | 2              | (D)     |
| 1,000.0 acres or more .....                       | 5      | 6,976     | 462,075     | 1              | (D)     | 9      | (D)       | (D)         | 1              | (D)     |
| 1,000.0 to 1,999.9 acres .....                    | 4      | (D)       | (D)         | 1              | (D)     | 9      | (D)       | (D)         | 1              | (D)     |
| 2,000.0 to 2,999.9 acres .....                    | 1      | (D)       | (D)         | -              | -       | -      | (D)       | (D)         | -              | -       |
| 3,000.0 to 4,999.9 acres .....                    | -      | -         | -           | -              | -       | -      | (D)       | (D)         | -              | -       |
| 5,000.0 acres or more .....                       | -      | -         | -           | -              | -       | -      | (D)       | (D)         | -              | -       |
| Winter wheat for grain (bushels) .....            | 6,488  | 430,193   | 28,080,725  | 81             | 5,396   | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 1.0 to 14.9 acres .....                           | 1,165  | 10,129    | 553,243     | 9              | 47      | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 15.0 to 24.9 acres .....                          | 1,090  | 20,831    | 1,220,019   | 11             | 84      | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 25.0 to 49.9 acres .....                          | 1,572  | 54,570    | 3,302,563   | 18             | (D)     | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 50.0 to 99.9 acres .....                          | 1,377  | 93,603    | 6,030,509   | 14             | 546     | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 100.0 to 249.9 acres .....                        | 1,034  | 150,138   | 10,060,013  | 20             | 1,004   | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 250.0 to 49.9 acres .....                         | 203    | 66,684    | 4,608,436   | 4              | 658     | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 500.0 to 99.9 acres .....                         | 42     | 27,262    | 1,843,867   | 4              | 1,810   | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 1,000.0 acres or more .....                       | 5      | 6,976     | 462,075     | 1              | (D)     | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 1,000.0 to 1,999.9 acres .....                    | 4      | (D)       | (D)         | 1              | (D)     | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 2,000.0 to 2,999.9 acres .....                    | 1      | (D)       | (D)         | -              | -       | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 3,000.0 to 4,999.9 acres .....                    | -      | -         | -           | -              | -       | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| 5,000.0 acres or more .....                       | -      | -         | -           | -              | -       | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| Other Spring wheat for grain (bushels) .....      | 116    | 3,590     | 168,213     | -              | -       | 133    | 4,948     | 226,566     | -              | -       |
| <b>OILSEEDS</b>                                   |        |           |             |                |         |        |           |             |                |         |
| Canola (pounds) .....                             | 12     | 581       | 593,388     | -              | -       | 22     | 611       | 649,716     | -              | -       |
| Soybeans for beans (bushels) .....                | 11,683 | 2,055,424 | 78,197,248  | 558            | 84,180  | 13,574 | 1,768,996 | 64,787,800  | 402            | 49,251  |
| 1.0 to 14.9 acres .....                           | 956    | 8,325     | 281,555     | 12             | 64      | 1,351  | 11,915    | 378,733     | 12             | 67      |
| 15.0 to 24.9 acres .....                          | 1,123  | 21,477    | 738,696     | 21             | 293     | 1,575  | 29,987    | 991,269     | 13             | 244     |
| 25.0 to 49.9 acres .....                          | 2,150  | 76,420    | 2,731,217   | 52             | 1,470   | 2,949  | 104,084   | 3,505,212   | 42             | 1,355   |
| 50.0 to 99.9 acres .....                          | 2,376  | 165,061   | 6,088,386   | 75             | 3,188   | 2,876  | 199,858   | 6,956,907   | 55             | 3,090   |
| 100.0 to 249.9 acres .....                        | 2,706  | 419,501   | 15,919,851  | 143            | 11,842  | 2,859  | 436,779   | 15,641,892  | 120            | 10,785  |
| 250.0 to 49.9 acres .....                         | 1,357  | 469,429   | 17,934,388  | 118            | 18,955  | 1,275  | 429,394   | 16,123,828  | 101            | 16,084  |
| 500.0 to 99.9 acres .....                         | 762    | 511,483   | 19,573,943  | 92             | 26,283  | 547    | 353,102   | 13,313,015  | 49             | 12,085  |
| 1,000.0 acres or more .....                       | 253    | 383,728   | 14,929,212  | 45             | 22,085  | 142    | 203,877   | 7,876,944   | 10             | 5,541   |
| 1,000.0 to 1,999.9 acres .....                    | 221    | 288,147   | 11,079,661  | 39             | 18,650  | 122    | 150,986   | 5,842,388   | 8              | (D)     |
| 2,000.0 to 2,999.9 acres .....                    | 18     | 43,912    | 1,833,675   | 3              | (D)     | 17     | 39,401    | 1,580,606   | 2              | (D)     |
| 3,000.0 to 4,999.9 acres .....                    | 12     | (D)       | (D)         | 3              | (D)     | 2      | (D)       | (D)         | -              | -       |
| 5,000.0 acres or more .....                       | 2      | (D)       | (D)         | -              | -       | 1      | (D)       | (D)         | -              | -       |
| Sunflower seed, All (pounds) .....                | 91     | 2,275     | 3,381,523   | 3              | (D)     | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| Sunflower seed - oil varieties (pounds) .....     | 62     | 2,070     | 3,082,838   | 2              | (D)     | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |
| Sunflower seed - non-oil varieties (pounds) ..... | 29     | 205       | 298,685     | 1              | (D)     | (NA)   | (NA)      | (NA)        | (NA)           | (NA)    |

--continued

**Table 34. Specified Crops by Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Crops   | 2002   |           |           |                |        | 1997   |         |           |                |       |
|---|--------|-----------|-----------|----------------|--------|--------|---------|-----------|----------------|-------|
|   | Farms  | Acres     | Quantity  | Irrigated land |        | Farms  | Acres   | Quantity  | Irrigated land |       |
|   |        |           |           | Farms          | Acres  |        |         |           | Farms          | Acres |
| <b>COTTON, TOBACCO, AND SUGAR CROPS</b>   |        |           |           |                |        |        |         |           |                |       |
| Sugarbeets for sugar (tons) . . . . .   | 989    | 180,054   | 3,324,568 | 46             | (D)    | 1,164  | 160,145 | 3,003,671 | 40             | 2,455 |
| 1.0 to 14.9 acres . . . . .   | 42     | 340       | 6,197     | 1              | (D)    | 85     | 559     | 10,477    | 4              | (D)   |
| 15.0 to 24.9 acres . . . . .  | 63     | 1,220     | 22,145    | -              | -      | 109    | 2,039   | 38,090    | 4              | 70    |
| 25.0 to 49.9 acres . . . . .  | 141    | 5,038     | 85,545    | 6              | (D)    | 181    | 6,449   | 117,841   | 7              | 197   |
| 50.0 to 99.9 acres . . . . .  | 183    | 12,737    | 229,902   | 7              | 287    | 265    | 18,684  | 347,175   | 9              | 432   |
| 100.0 to 249.9 acres . . . . .  | 323    | 50,474    | 923,774   | 17             | 1,782  | 337    | 50,455  | 948,991   | 9              | 746   |
| 250.0 to 499.9 acres . . . . .  | 167    | 54,265    | 1,022,796 | 9              | 946    | 137    | 45,097  | 843,885   | 6              | 912   |
| 500.0 to 999.9 acres . . . . .  | 55     | 35,341    | 647,789   | 6              | 528    | 45     | 30,469  | 574,647   | 1              | (D)   |
| 1,000.0 acres or more . . . . .   | 15     | 20,639    | 386,420   | -              | -      | 5      | 6,393   | 122,565   | -              | -     |
| 1,000.0 to 1,999.9 acres . . . . .  | 14     | (D)       | (D)       | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 2,000.0 acres or more . . . . .   | 1      | (D)       | (D)       | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| <b>HAY, FORAGE, AND FIELD AND GRASS SEEDS</b>   |        |           |           |                |        |        |         |           |                |       |
| Field and grass seed crops, All . . . . .   | 112    | 3,311     | (X)       | 1              | (D)    | 88     | (D)     | (X)       | -              | -     |
| Alfalfa seed (pounds) . . . . .   | 10     | 114       | 8,870     | -              | -      | 7      | 62      | 2,680     | -              | -     |
| Ryegrass seed (pounds) . . . . .  | 2      | (D)       | (D)       | -              | -      | 6      | 176     | 17,900    | -              | -     |
| Forage - land used for all hay and all<br>haylage, grass silage, and greenchop (tons,<br>dry equivalent) (see text) . . . . . | 22,067 | 1,212,603 | 3,557,828 | 454            | 17,414 | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 1.0 to 14.9 acres . . . . .   | 6,991  | 56,006    | 127,356   | 130            | 658    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 15.0 to 24.9 acres . . . . .  | 3,983  | 73,824    | 162,806   | 59             | 597    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 25.0 to 49.9 acres . . . . .  | 4,596  | 157,104   | 363,341   | 79             | 1,194  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 50.0 to 99.9 acres . . . . .  | 3,275  | 220,321   | 599,647   | 59             | 2,014  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 100.0 to 249.9 acres . . . . .  | 2,381  | 352,851   | 1,124,567 | 69             | 3,423  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 250.0 to 499.9 acres . . . . .  | 632    | 210,700   | 695,015   | 35             | 3,722  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 500.0 to 999.9 acres . . . . .  | 192    | 119,984   | 406,653   | 19             | 2,976  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 1,000.0 acres or more . . . . .   | 17     | 21,813    | 78,443    | 4              | 2,830  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 1,000.0 to 1,999.9 acres . . . . .  | 17     | -         | -         | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 2,000.0 to 2,999.9 acres . . . . .  | -      | -         | -         | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 3,000.0 to 4,999.9 acres . . . . .  | -      | -         | -         | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 5,000.0 acres or more . . . . .   | -      | -         | -         | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| Hay - All hay including alfalfa, other tame,<br>small grain, and wild (tons, dry) (see text) . . . . .                        | 21,602 | 1,011,807 | 2,699,551 | 382            | 8,919  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 1.0 to 14.9 acres . . . . .   | 6,933  | 55,905    | 125,831   | 116            | (D)    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 15.0 to 24.9 acres . . . . .  | 4,038  | 74,938    | 165,384   | 53             | 571    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 25.0 to 49.9 acres . . . . .  | 4,716  | 161,133   | 366,841   | 88             | 1,306  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 50.0 to 99.9 acres . . . . .  | 3,300  | 221,003   | 573,305   | 51             | 1,590  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 100.0 to 249.9 acres . . . . .  | 2,127  | 304,606   | 888,140   | 52             | 2,483  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 250.0 to 499.9 acres . . . . .  | 386    | 126,582   | 371,359   | 15             | 1,258  | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 500.0 to 999.9 acres . . . . .  | 94     | 58,349    | 177,136   | 6              | 893    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 1,000.0 acres or more . . . . .   | 8      | 9,291     | 31,555    | 1              | (D)    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 1,000.0 to 1,999.9 acres . . . . .  | 8      | 9,291     | 31,555    | 1              | (D)    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 2,000.0 to 2,999.9 acres . . . . .  | -      | -         | -         | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 3,000.0 to 4,999.9 acres . . . . .  | -      | -         | -         | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 5,000.0 acres or more . . . . .   | -      | -         | -         | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| Alfalfa hay (tons, dry) . . . . .   | 18,122 | 806,713   | 2,355,909 | 305            | 7,580  | 19,436 | 843,667 | 2,091,611 | 227            | 7,688 |
| 1.0 to 14.9 acres . . . . .   | 6,069  | 48,630    | 117,896   | 93             | 425    | 6,087  | 49,272  | 109,079   | 79             | (D)   |
| 15.0 to 24.9 acres . . . . .  | 3,433  | 63,884    | 155,116   | 43             | 474    | 3,652  | 67,991  | 149,895   | 34             | 489   |
| 25.0 to 49.9 acres . . . . .  | 3,824  | 130,419   | 329,925   | 65             | 1,001  | 4,439  | 150,448 | 349,342   | 28             | 713   |
| 50.0 to 99.9 acres . . . . .  | 2,721  | 181,589   | 512,330   | 41             | 1,378  | 3,076  | 202,480 | 495,515   | 36             | 1,323 |
| 100.0 to 249.9 acres . . . . .  | 1,726  | 244,754   | 778,633   | 46             | 2,409  | 1,880  | 264,101 | 696,606   | 34             | 2,286 |
| 250.0 to 499.9 acres . . . . .  | 284    | 93,359    | 312,093   | 11             | 787    | 261    | 82,319  | 219,424   | 12             | 1,791 |
| 500.0 to 999.9 acres . . . . .  | 59     | 36,822    | 124,984   | 6              | 1,106  | 38     | 23,594  | 59,240    | 3              | 505   |
| 1,000.0 acres or more . . . . .   | 6      | 7,256     | 24,932    | -              | -      | 3      | 3,462   | 12,510    | 1              | (D)   |
| 1,000.0 to 1,999.9 acres . . . . .  | 6      | 7,256     | 24,932    | -              | -      | 3      | 3,462   | 12,510    | 1              | -     |
| 2,000.0 to 2,999.9 acres . . . . .  | -      | -         | -         | -              | -      | -      | -       | -         | -              | -     |
| 3,000.0 to 4,999.9 acres . . . . .  | -      | -         | -         | -              | -      | -      | -       | -         | -              | -     |
| 5,000.0 acres or more . . . . .   | -      | -         | -         | -              | -      | -      | -       | -         | -              | -     |
| Small grain hay (tons, dry) . . . . .   | 860    | 20,572    | 33,327    | 26             | 142    | 1,178  | 24,115  | 39,248    | 16             | (D)   |
| 1.0 to 14.9 acres . . . . .   | 467    | 3,325     | 4,515     | 19             | 55     | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 15.0 to 24.9 acres . . . . .  | 156    | 2,905     | 4,975     | 2              | (D)    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 25.0 to 49.9 acres . . . . .  | 146    | 5,049     | 7,397     | 1              | (D)    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 50.0 to 99.9 acres . . . . .  | 63     | 3,942     | 7,389     | 2              | (D)    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 100.0 to 249.9 acres . . . . .  | 21     | 3,047     | 5,024     | 2              | (D)    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 250.0 to 499.9 acres . . . . .  | 7      | 2,304     | 4,027     | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 500.0 to 999.9 acres . . . . .  | -      | -         | -         | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 1,000.0 acres or more . . . . .   | -      | -         | -         | -              | -      | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| Other tame hay (tons, dry) . . . . .  | 3,762  | 149,403   | 267,751   | 65             | 1,149  | 4,887  | 189,694 | 303,444   | 25             | 493   |
| 1.0 to 14.9 acres . . . . .   | 1,471  | (D)       | (D)       | 26             | 168    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 15.0 to 24.9 acres . . . . .  | 715    | 13,194    | 22,258    | 13             | (D)    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 25.0 to 49.9 acres . . . . .  | 781    | 26,608    | 41,649    | 12             | 248    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 50.0 to 99.9 acres . . . . .  | 440    | 29,321    | 48,961    | 10             | 352    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 100.0 to 249.9 acres . . . . .  | 281    | 39,617    | 81,851    | 4              | (D)    | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 250.0 to 499.9 acres . . . . .  | 52     | 16,096    | 25,156    | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 500.0 to 999.9 acres . . . . .  | 21     | 12,518    | 26,024    | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 1,000.0 acres or more . . . . .   | 1      | (D)       | (D)       | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 1,000.0 to 1,999.9 acres . . . . .  | 1      | (D)       | (D)       | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 2,000.0 to 2,999.9 acres . . . . .  | -      | -         | -         | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 3,000.0 to 4,999.9 acres . . . . .  | -      | -         | -         | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 5,000.0 acres or more . . . . .   | -      | -         | -         | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| Wild hay (tons, dry) . . . . .  | 1,392  | 35,119    | 42,564    | 14             | 48     | 1,726  | 45,091  | 51,230    | 1              | (D)   |
| 1.0 to 14.9 acres . . . . .   | 667    | 4,804     | 5,467     | 11             | 15     | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 15.0 to 24.9 acres . . . . .  | 308    | 5,636     | 5,233     | 3              | 33     | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 25.0 to 49.9 acres . . . . .  | 250    | 8,477     | 10,399    | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 50.0 to 99.9 acres . . . . .  | 103    | 6,658     | 7,123     | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 100.0 to 249.9 acres . . . . .  | 59     | 7,612     | 11,832    | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 250.0 to 499.9 acres . . . . .  | 4      | (D)       | (D)       | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 500.0 to 999.9 acres . . . . .  | 1      | (D)       | (D)       | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |
| 1,000.0 acres or more . . . . .   | -      | -         | -         | -              | (NA)   | (NA)   | (NA)    | (NA)      | (NA)           | (NA)  |

--continued

**Table 34. Specified Crops by Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Crops   | 2002  |         |            |                |        | 1997  |         |            |                |        |
|---|-------|---------|------------|----------------|--------|-------|---------|------------|----------------|--------|
|   | Farms | Acres   | Quantity   | Irrigated land |        | Farms | Acres   | Quantity   | Irrigated land |        |
|   |       |         |            | Farms          | Acres  |       |         |            | Farms          | Acres  |
| <b>HAY, FORAGE, AND FIELD AND GRASS SEEDS - Con.</b>                |       |         |            |                |        |       |         |            |                |        |
| All haylage, grass silage, and greenchop (tons, green)              | 2,408 | 262,659 | 1,736,385  | 119            | 9,321  | 2,833 | 240,909 | 1,440,568  | 43             | 3,135  |
| 1.0 to 14.9 acres   | 440   | 3,041   | 14,430     | 32             | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 15.0 to 24.9 acres  | 233   | 4,421   | 23,132     | 4              | 34     | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 25.0 to 49.9 acres  | 404   | 14,268  | 77,765     | 14             | 316    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 50.0 to 99.9 acres  | 445   | 31,153  | 199,146    | 13             | 589    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 100.0 to 249.9 acres  | 606   | 91,961  | 600,494    | 25             | 1,834  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 250.0 to 499.9 acres  | 219   | 72,513  | 484,236    | 19             | 2,268  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 500.0 to 999.9 acres  | 51    | 32,367  | 248,912    | 9              | 1,572  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 1,000.0 acres or more   | 10    | 12,935  | 88,270     | 3              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 1,000.0 to 1,999.9 acres  | 10    | -       | -          | -              | -      | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 2,000.0 to 2,999.9 acres  | -     | -       | -          | -              | -      | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 3,000.0 to 4,999.9 acres  | -     | -       | -          | -              | -      | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 5,000.0 acres or more   | -     | -       | -          | -              | -      | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| Haylage or greenchop from alfalfa or alfalfa mixtures (tons, green) | 2,076 | 238,399 | 1,620,171  | 104            | 9,073  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 1.0 to 14.9 acres   | 310   | 2,089   | 10,301     | 21             | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 15.0 to 24.9 acres  | 196   | 3,740   | 19,639     | 4              | 30     | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 25.0 to 49.9 acres  | 336   | 12,050  | 66,698     | 13             | 336    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 50.0 to 99.9 acres  | 419   | 29,153  | 193,491    | 12             | 554    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 100.0 to 249.9 acres  | 572   | 87,542  | 578,962    | 26             | 1,878  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 250.0 to 499.9 acres  | 188   | 62,900  | 449,304    | 17             | 2,139  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 500.0 to 999.9 acres  | 45    | 28,240  | 215,006    | 8              | 1,484  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 1,000.0 acres or more   | 10    | 12,685  | 86,770     | 3              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 1,000.0 to 1,999.9 acres  | 10    | 12,685  | 86,770     | 3              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 2,000.0 acres or more   | -     | -       | -          | -              | -      | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| Other haylage, grass silage, and greenchop (tons, green)            | 542   | 24,260  | 116,214    | 21             | 248    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 1.0 to 14.9 acres   | 232   | 1,617   | 6,946      | 16             | 68     | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 15.0 to 24.9 acres  | 78    | 1,528   | 8,473      | 1              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 25.0 to 49.9 acres  | 108   | 3,615   | 15,659     | 2              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 50.0 to 99.9 acres  | 54    | 3,597   | 17,468     | 2              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 100.0 to 249.9 acres  | 53    | 7,590   | 39,841     | -              | -      | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 250.0 to 499.9 acres  | 14    | 4,416   | 16,667     | -              | -      | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 500.0 to 999.9 acres  | 3     | 1,897   | 11,160     | -              | -      | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 1,000.0 acres or more   | -     | -       | -          | -              | -      | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| <b>DRY EDIBLE BEANS, PEAS, AND LENTILS</b>                          |       |         |            |                |        |       |         |            |                |        |
| Dry edible beans, excluding limas (cwt)                             | 1,587 | 259,026 | 4,862,193  | 82             | 13,183 | 2,243 | 307,589 | 4,992,441  | 91             | 12,021 |
| 1.0 to 14.9 acres   | 117   | 861     | 13,833     | 4              | 12     | 168   | 1,380   | 18,871     | 8              | 32     |
| 15.0 to 24.9 acres  | 122   | 2,411   | 41,956     | 3              | 52     | 231   | 4,418   | 68,128     | 5              | 102    |
| 25.0 to 49.9 acres  | 289   | 10,250  | 174,887    | 9              | (D)    | 435   | 15,394  | 232,325    | 10             | 320    |
| 50.0 to 99.9 acres  | 305   | 21,472  | 380,359    | 11             | 584    | 461   | 32,514  | 595,321    | 10             | 641    |
| 100.0 to 249.9 acres  | 419   | 66,919  | 1,245,847  | 19             | 2,142  | 575   | 90,151  | 1,410,804  | 25             | 2,787  |
| 250.0 to 499.9 acres  | 236   | 79,116  | 1,456,420  | 21             | 4,608  | 273   | 90,165  | 1,445,285  | 24             | 4,867  |
| 500.0 to 999.9 acres  | 84    | 57,928  | 1,130,743  | 14             | 5,039  | 83    | 53,694  | 872,019    | 7              | (D)    |
| 1,000.0 acres or more   | 15    | 20,069  | 418,148    | 1              | (D)    | 17    | 19,873  | 349,688    | 2              | (D)    |
| 1,000.0 to 1,999.9 acres  | 13    | (D)     | (D)        | 1              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 2,000.0 acres or more   | 2     | (D)     | (D)        | -              | (NA)   | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| Dry edible peas (cwt)   | 3     | 30      | 228        | -              | -      | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| <b>OTHER SPECIFIED CROPS</b>  |       |         |            |                |        |       |         |            |                |        |
| Potatoes (cwt)  | 395   | 45,840  | 14,212,892 | 191            | 38,016 | 351   | 46,105  | 13,923,862 | 186            | 34,142 |
| 0.1 to 0.9 acres  | 123   | 39      | 5,607      | 37             | 15     | 64    | 21      | 3,549      | 16             | 5      |
| 1.0 to 4.9 acres  | 92    | 164     | (D)        | 35             | (D)    | 72    | 144     | 25,670     | 28             | 59     |
| 5.0 to 14.9 acres   | 35    | 268     | 53,183     | 14             | 91     | 32    | 229     | 36,068     | 11             | 78     |
| 15.0 to 24.9 acres  | 9     | (D)     | 34,525     | 4              | 50     | 13    | 237     | 40,730     | 5              | 88     |
| 25.0 to 49.9 acres  | 23    | 807     | 187,974    | 13             | 461    | 23    | 811     | 180,365    | 16             | 504    |
| 50.0 to 99.9 acres  | 24    | 1,733   | 437,054    | 18             | 1,199  | 45    | 3,299   | 750,725    | 27             | 1,685  |
| 100.0 to 249.9 acres  | 45    | 6,332   | 1,792,196  | 30             | 4,056  | 52    | 7,525   | 2,068,084  | 43             | 5,501  |
| 250.0 to 499.9 acres  | 24    | 8,216   | 2,329,745  | 22             | 5,856  | 28    | 9,212   | 2,649,405  | 20             | 5,574  |
| 500.0 acres or more   | 20    | (D)     | (D)        | 18             | (D)    | 22    | 24,628  | 8,169,266  | 20             | 20,649 |
| 500.0 to 749.9 acres  | 9     | 4,916   | 1,554,816  | 8              | 4,176  | 8     | 4,558   | 1,302,824  | 7              | 2,413  |
| 750.0 to 999.9 acres  | 2     | (D)     | (D)        | 1              | (D)    | 5     | 4,430   | 1,488,077  | 4              | 3,297  |
| 1,000.0 acres or more   | 9     | 21,686  | 7,354,537  | 9              | 21,686 | 9     | 15,640  | 5,378,365  | 9              | 14,939 |
| Mint for oil, All (pounds of oil)                                   | 47    | 2,471   | 120,627    | 6              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| Land in berries harvested for sale (see text)                       | 1,051 | 19,289  | (X)        | 513            | 11,902 | 1,259 | 20,983  | (X)        | 644            | 12,044 |
| 0.1 to 0.9 acres  | 194   | 59      | (X)        | 59             | 17     | (X)   | (NA)    | (X)        | (NA)           | (NA)   |
| 1.0 to 4.9 acres  | 380   | 819     | (X)        | 164            | 341    | (X)   | (NA)    | (X)        | (NA)           | (NA)   |
| 5.0 to 14.9 acres   | 224   | 1,886   | (X)        | 114            | 848    | (X)   | (NA)    | (X)        | (NA)           | (NA)   |
| 15.0 to 24.9 acres  | 93    | 1,725   | (X)        | 52             | 747    | (X)   | (NA)    | (X)        | (NA)           | (NA)   |
| 25.0 to 49.9 acres  | 71    | 2,397   | (X)        | 48             | 1,288  | (X)   | (NA)    | (X)        | (NA)           | (NA)   |
| 50.0 to 99.9 acres  | 54    | 3,785   | (X)        | 46             | 2,433  | (X)   | (NA)    | (X)        | (NA)           | (NA)   |
| 100.0 acres or more   | 35    | 8,619   | (X)        | 30             | 6,228  | (X)   | (NA)    | (X)        | (NA)           | (NA)   |
| Land used for vegetables (see text)                                 | 2,519 | 135,428 | (X)        | 817            | 60,186 | 2,682 | 130,544 | (X)        | 891            | 60,497 |
| 0.1 to 0.9 acres  | 224   | 89      | (X)        | 63             | 27     | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 1.0 to 4.9 acres  | 815   | 1,819   | (X)        | 203            | 365    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 5.0 to 14.9 acres   | 520   | 4,150   | (X)        | 153            | 877    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 15.0 to 24.9 acres  | 212   | 4,032   | (X)        | 70             | 905    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 25.0 to 49.9 acres  | 239   | 8,274   | (X)        | 85             | 2,336  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 50.0 to 99.9 acres  | 176   | 12,235  | (X)        | 51             | 2,764  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 100.0 to 249.9 acres  | 194   | 29,855  | (X)        | 96             | 10,633 | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 250.0 to 499.9 acres  | 95    | 33,067  | (X)        | 63             | 16,454 | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 500.0 to 749.9 acres  | 24    | 14,286  | (X)        | 16             | 7,367  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 750.0 to 999.9 acres  | 9     | 7,589   | (X)        | 8              | 3,141  | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 1,000.0 acres or more   | 11    | 20,033  | (X)        | 9              | 15,317 | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 1,000.0 to 1,999.9 acres  | 9     | (D)     | (X)        | 7              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 2,000.0 to 2,999.9 acres  | 1     | (D)     | (X)        | 1              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| 3,000.0 acres or more   | 1     | (D)     | (X)        | 1              | (D)    | (NA)  | (NA)    | (NA)       | (NA)           | (NA)   |
| Land in orchards  | 2,601 | 118,166 | (X)        | 478            | 13,264 | 3,262 | 148,296 | (X)        | 412            | 12,598 |
| 0.1 to 0.9 acres  | 194   | 85      | (X)        | 35             | 15     | 162   | 72      | (X)        | 26             | 250    |
| 1.0 to 4.9 acres  | 749   | 1,601   | (X)        | 120            | 219    | 949   | 2,183   | (X)        | 112            | (NA)   |

-continued

**Table 34. Specified Crops by Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Crops                               | 2002  |        |          |                |       | 1997  |        |          |                |       |
|-------------------------------------|-------|--------|----------|----------------|-------|-------|--------|----------|----------------|-------|
|                                     | Farms | Acres  | Quantity | Irrigated land |       | Farms | Acres  | Quantity | Irrigated land |       |
|                                     |       |        |          | Farms          | Acres |       |        |          | Farms          | Acres |
| <b>OTHER SPECIFIED CROPS - Con.</b> |       |        |          |                |       |       |        |          |                |       |
| Land in orchards - Con.             |       |        |          |                |       |       |        |          |                |       |
| 5.0 to 14.9 acres . . . . .         | 568   | 4,620  | (X)      | 76             | 493   | 705   | 5,784  | (X)      | 59             | 405   |
| 15.0 to 24.9 acres . . . . .        | 237   | 4,435  | (X)      | 40             | 460   | 272   | 5,173  | (X)      | 17             | 289   |
| 25.0 to 49.9 acres . . . . .        | 282   | 9,946  | (X)      | 50             | 872   | 407   | 14,330 | (X)      | 53             | 1,012 |
| 50.0 to 99.9 acres . . . . .        | 257   | 17,699 | (X)      | 53             | 1,969 | 341   | 23,772 | (X)      | 56             | 2,247 |
| 100.0 to 249.9 acres . . . . .      | 216   | 33,416 | (X)      | 65             | 3,987 | 320   | 48,422 | (X)      | 58             | 3,311 |
| 250.0 to 499.9 acres . . . . .      | 75    | 25,731 | (X)      | 27             | 2,831 | 79    | 26,930 | (X)      | 20             | 2,458 |
| 500.0 to 749.9 acres . . . . .      | 12    | 7,445  | (X)      | 8              | 1,348 | 15    | 8,793  | (X)      | 4              | 713   |
| 750.0 to 999.9 acres . . . . .      | 3     | 2,552  | (X)      | 1              | (D)   | 5     | 4,113  | (X)      | 2              | (D)   |
| 1,000.0 acres or more . . . . .     | 8     | 10,636 | (X)      | 3              | (D)   | 7     | 8,724  | (X)      | 5              | (D)   |
| 1,000.0 to 1,999.9 acres . . . . .  | 8     | 10,636 | (X)      | 3              | (D)   | 7     | 8,724  | (X)      | 5              | (D)   |
| 2,000.0 to 2,999.9 acres . . . . .  | -     | -      | (X)      | -              | -     | -     | -      | (X)      | -              | -     |
| 3,000.0 acres or more . . . . .     | -     | -      | (X)      | -              | -     | -     | -      | (X)      | -              | -     |

**Table 35. Vegetables and Melons Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Crop   | 2002            |         |                          |        | 1997            |         |                          |       |
|--|-----------------|---------|--------------------------|--------|-----------------|---------|--------------------------|-------|
|  | Total harvested |         | Harvested for processing |        | Total harvested |         | Harvested for processing |       |
|  | Farms           | Acres   | Farms                    | Acres  | Farms           | Acres   | Farms                    | Acres |
| Vegetables harvested for sale (see text) ..... | 2,519           | 137,887 | 639                      | 76,254 | 2,682           | 133,254 | (NA)                     | (NA)  |
| 0.1 to 0.9 acres .....                         | 222             | 96      | 27                       | 9      | 212             | 97      | (NA)                     | (NA)  |
| 1.0 to 4.9 acres .....                         | 801             | 1,797   | 91                       | 180    | 794             | 1,965   | (NA)                     | (NA)  |
| 5.0 to 14.9 acres .....                        | 532             | 4,278   | 85                       | 706    | 561             | 4,656   | (NA)                     | (NA)  |
| 15.0 to 24.9 acres .....                       | 208             | 3,970   | 52                       | 826    | 253             | 4,703   | (NA)                     | (NA)  |
| 25.0 to 49.9 acres .....                       | 236             | 8,145   | 81                       | 2,456  | 272             | 9,409   | (NA)                     | (NA)  |
| 50.0 to 99.9 acres .....                       | 184             | 12,787  | 88                       | 5,729  | 246             | 17,078  | (NA)                     | (NA)  |
| 100.0 to 249.9 acres .....                     | 195             | 30,009  | 111                      | 14,980 | 236             | 36,180  | (NA)                     | (NA)  |
| 250.0 to 499.9 acres .....                     | 95              | 33,017  | 63                       | 18,927 | 72              | 24,614  | (NA)                     | (NA)  |
| 500.0 to 749.9 acres .....                     | 25              | 15,151  | 24                       | 10,980 | 19              | 11,325  | (NA)                     | (NA)  |
| 750.0 to 999.9 acres .....                     | 10              | 8,431   | 7                        | 5,012  | 9               | 7,417   | (NA)                     | (NA)  |
| 1,000.0 acres or more .....                    | 11              | 20,207  | 10                       | 16,450 | 8               | 15,810  | (NA)                     | (NA)  |
| 1,000.0 to 1,999.9 acres .....                 | 9               | (D)     | 8                        | (D)    | 6               | (D)     | (NA)                     | (NA)  |
| 2,000.0 to 2,999.9 acres .....                 | 1               | (D)     | 1                        | (D)    | -               | (NA)    | (NA)                     | (NA)  |
| 3,000.0 acres or more .....                    | 1               | (D)     | 1                        | (D)    | 2               | (D)     | (NA)                     | (NA)  |
| Asparagus .....                                | 431             | 16,157  | 183                      | 10,758 | 576             | 18,266  | (NA)                     | (NA)  |
| 0.1 to 0.9 acres .....                         | 58              | 18      | -                        | -      | 70              | 25      | (NA)                     | (NA)  |
| 1.0 to 4.9 acres .....                         | 99              | 204     | 17                       | 50     | 130             | 289     | (NA)                     | (NA)  |
| 5.0 to 14.9 acres .....                        | 75              | 668     | 24                       | 262    | 109             | 969     | (NA)                     | (NA)  |
| 15.0 to 24.9 acres .....                       | 41              | 792     | 20                       | 385    | 73              | 1,341   | (NA)                     | (NA)  |
| 25.0 to 49.9 acres .....                       | 49              | 1,599   | 37                       | 1,119  | 90              | 3,051   | (NA)                     | (NA)  |
| 50.0 to 99.9 acres .....                       | 68              | 4,500   | 52                       | 3,235  | 58              | 3,875   | (NA)                     | (NA)  |
| 100.0 acres or more .....                      | 41              | 8,376   | 33                       | 5,708  | 46              | 8,717   | (NA)                     | (NA)  |
| Beans, green limas .....                       | 15              | (D)     | 1                        | (D)    | 21              | (D)     | (NA)                     | (NA)  |
| Beans, snap .....                              | 502             | 20,726  | 107                      | 17,212 | 481             | 19,093  | (NA)                     | (NA)  |
| Beets .....                                    | 65              | 255     | 1                        | (D)    | 83              | 232     | (NA)                     | (NA)  |
| Broccoli .....                                 | 124             | 250     | 3                        | 125    | 132             | 224     | (NA)                     | (NA)  |
| Brussels sprouts .....                         | 2               | (D)     | -                        | -      | (NA)            | (NA)    | (NA)                     | (NA)  |
| Cabbage, Chinese .....                         | 5               | 115     | -                        | -      | 3               | (D)     | (NA)                     | (NA)  |
| Cabbage, head .....                            | 212             | 2,139   | 5                        | 447    | 260             | 2,144   | (NA)                     | (NA)  |
| Cantaloups .....                               | 269             | 770     | -                        | -      | (NA)            | (NA)    | (NA)                     | (NA)  |
| Carrots .....                                  | 97              | 6,047   | 19                       | 2,062  | (NA)            | (NA)    | (NA)                     | (NA)  |
| 0.1 to 0.9 acres .....                         | 34              | 7       | -                        | -      | (NA)            | (NA)    | (NA)                     | (NA)  |
| 1.0 to 4.9 acres .....                         | 8               | 11      | -                        | -      | (NA)            | (NA)    | (NA)                     | (NA)  |
| 5.0 to 14.9 acres .....                        | 6               | 53      | -                        | -      | (NA)            | (NA)    | (NA)                     | (NA)  |
| 15.0 to 24.9 acres .....                       | 4               | 80      | 2                        | (D)    | (NA)            | (NA)    | (NA)                     | (NA)  |
| 25.0 to 49.9 acres .....                       | 12              | 414     | 2                        | (D)    | (NA)            | (NA)    | (NA)                     | (NA)  |
| 50.0 to 99.9 acres .....                       | 12              | 787     | 4                        | 231    | (NA)            | (NA)    | (NA)                     | (NA)  |
| 100.0 acres or more .....                      | 21              | 4,694   | 11                       | 1,714  | (NA)            | (NA)    | (NA)                     | (NA)  |
| Cauliflower .....                              | 80              | 392     | 5                        | 28     | 81              | 344     | (NA)                     | (NA)  |
| Celery .....                                   | 34              | 2,232   | 14                       | (D)    | 39              | 2,513   | (NA)                     | (NA)  |
| Collards .....                                 | 20              | 185     | -                        | -      | 23              | 751     | (NA)                     | (NA)  |
| Cucumbers and pickles .....                    | 481             | 42,303  | 153                      | 35,599 | 481             | 33,721  | (NA)                     | (NA)  |
| 0.1 to 0.9 acres .....                         | 171             | 51      | 1                        | (D)    | 164             | 48      | (NA)                     | (NA)  |
| 1.0 to 4.9 acres .....                         | 100             | 177     | 7                        | (D)    | 78              | 137     | (NA)                     | (NA)  |
| 5.0 to 14.9 acres .....                        | 20              | 162     | 3                        | 37     | 31              | 255     | (NA)                     | (NA)  |
| 15.0 to 24.9 acres .....                       | 18              | 361     | 14                       | 294    | 36              | 660     | (NA)                     | (NA)  |
| 25.0 to 49.9 acres .....                       | 32              | 1,174   | 21                       | 775    | 44              | 1,545   | (NA)                     | (NA)  |
| 50.0 to 99.9 acres .....                       | 40              | 2,821   | 27                       | 1,890  | 40              | 2,807   | (NA)                     | (NA)  |
| 100.0 acres or more .....                      | 100             | 37,558  | 80                       | 32,584 | 88              | 28,271  | (NA)                     | (NA)  |
| Eggplant .....                                 | 69              | 400     | 5                        | 51     | 70              | 217     | (NA)                     | (NA)  |
| Garlic .....                                   | 7               | 4       | -                        | -      | (NA)            | (NA)    | (NA)                     | (NA)  |
| Herbs, fresh cut .....                         | 56              | 228     | -                        | -      | 73              | 223     | (NA)                     | (NA)  |
| Honeydew melons .....                          | 16              | 27      | -                        | -      | 22              | 32      | (NA)                     | (NA)  |
| Kale .....                                     | 1               | (D)     | -                        | -      | 2               | (D)     | (NA)                     | (NA)  |
| Lettuce, All .....                             | 53              | 470     | -                        | -      | 61              | 521     | (NA)                     | (NA)  |
| Lettuce, head .....                            | 9               | (D)     | -                        | -      | (NA)            | (NA)    | (NA)                     | (NA)  |
| Lettuce, leaf .....                            | 44              | (D)     | -                        | -      | (NA)            | (NA)    | (NA)                     | (NA)  |
| Lettuce, romaine .....                         | 8               | (D)     | -                        | -      | (NA)            | (NA)    | (NA)                     | (NA)  |
| Mustard greens .....                           | 18              | 219     | -                        | -      | 27              | 329     | (NA)                     | (NA)  |
| Okra .....                                     | 29              | 16      | -                        | -      | (NA)            | (NA)    | (NA)                     | (NA)  |
| Onions, dry .....                              | 136             | 4,409   | 6                        | 551    | (NA)            | (NA)    | (NA)                     | (NA)  |
| Onions, green .....                            | 23              | 288     | -                        | -      | 37              | 87      | (NA)                     | (NA)  |
| Parsley .....                                  | 3               | (D)     | -                        | -      | 1               | (D)     | (NA)                     | (NA)  |
| Peas, green (excluding southern peas) .....    | 160             | 1,149   | 7                        | 1,001  | 150             | 1,779   | (NA)                     | (NA)  |
| Peppers, Bell (see text) .....                 | 318             | 1,539   | 22                       | 209    | (NA)            | (NA)    | (NA)                     | (NA)  |
| 0.1 to 0.9 acres .....                         | 176             | (D)     | (NA)                     | (NA)   | (NA)            | (NA)    | (NA)                     | (NA)  |
| 1.0 to 4.9 acres .....                         | 97              | 154     | (NA)                     | (NA)   | (NA)            | (NA)    | (NA)                     | (NA)  |
| 5.0 to 14.9 acres .....                        | 21              | 157     | (NA)                     | (NA)   | (NA)            | (NA)    | (NA)                     | (NA)  |
| 15.0 to 24.9 acres .....                       | 8               | 153     | (NA)                     | (NA)   | (NA)            | (NA)    | (NA)                     | (NA)  |
| 25.0 to 49.9 acres .....                       | 8               | 268     | (NA)                     | (NA)   | (NA)            | (NA)    | (NA)                     | (NA)  |
| 50.0 to 99.9 acres .....                       | 6               | 416     | (NA)                     | (NA)   | (NA)            | (NA)    | (NA)                     | (NA)  |
| 100.0 acres or more .....                      | 2               | (D)     | (NA)                     | (NA)   | (NA)            | (NA)    | (NA)                     | (NA)  |

-continued

**Table 35. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Crop   | 2002            |        |                          |       | 1997            |        |                          |       |
|--|-----------------|--------|--------------------------|-------|-----------------|--------|--------------------------|-------|
|  | Total harvested |        | Harvested for processing |       | Total harvested |        | Harvested for processing |       |
|  | Farms           | Acres  | Farms                    | Acres | Farms           | Acres  | Farms                    | Acres |
| Peppers, Chile (all peppers-excluding Bell) (see text) ..... | 122             | (D)    | 7                        | 110   | (NA)            | (NA)   | (NA)                     | (NA)  |
| Pumpkins .....   | 1,145           | 7,414  | 91                       | (D)   | 841             | 5,050  | (NA)                     | (NA)  |
| Radishes .....   | 26              | 2,646  | -                        | -     | 28              | 3,636  | (NA)                     | (NA)  |
| Rhubarb .....  | 24              | 144    | 2                        | (D)   | 27              | 153    | (NA)                     | (NA)  |
| Spinach .....  | 16              | 63     | 1                        | (D)   | 30              | 161    | (NA)                     | (NA)  |
| Squash .....   | 802             | 7,341  | 63                       | 2,136 | 507             | 6,166  | (NA)                     | (NA)  |
| 0.1 to 0.9 acres .....                                       | 358             | 118    | (NA)                     | (NA)  | (NA)            | (NA)   | (NA)                     | (NA)  |
| 1.0 to 4.9 acres .....                                       | 270             | 510    | (NA)                     | (NA)  | (NA)            | (NA)   | (NA)                     | (NA)  |
| 5.0 to 14.9 acres .....                                      | 77              | 616    | (NA)                     | (NA)  | (NA)            | (NA)   | (NA)                     | (NA)  |
| 15.0 to 24.9 acres .....                                     | 32              | 586    | (NA)                     | (NA)  | (NA)            | (NA)   | (NA)                     | (NA)  |
| 25.0 to 49.9 acres .....                                     | 21              | 723    | (NA)                     | (NA)  | (NA)            | (NA)   | (NA)                     | (NA)  |
| 50.0 to 99.9 acres .....                                     | 22              | 1,586  | (NA)                     | (NA)  | (NA)            | (NA)   | (NA)                     | (NA)  |
| 100.0 acres or more .....                                    | 22              | 3,203  | (NA)                     | (NA)  | (NA)            | (NA)   | (NA)                     | (NA)  |
| Sweet corn .....   | 982             | 10,885 | 92                       | 527   | 1,012           | 11,357 | (NA)                     | (NA)  |
| 0.1 to 0.9 acres .....                                       | 254             | 98     | 18                       | (D)   | (NA)            | (NA)   | (NA)                     | (NA)  |
| 1.0 to 4.9 acres .....                                       | 360             | 765    | 38                       | 88    | (NA)            | (NA)   | (NA)                     | (NA)  |
| 5.0 to 14.9 acres .....                                      | 188             | 1,533  | 25                       | 174   | (NA)            | (NA)   | (NA)                     | (NA)  |
| 15.0 to 24.9 acres .....                                     | 82              | 1,524  | 4                        | 60    | (NA)            | (NA)   | (NA)                     | (NA)  |
| 25.0 to 49.9 acres .....                                     | 48              | 1,520  | 5                        | 146   | (NA)            | (NA)   | (NA)                     | (NA)  |
| 50.0 to 99.9 acres .....                                     | 33              | 2,240  | 2                        | (D)   | (NA)            | (NA)   | (NA)                     | (NA)  |
| 100.0 to 249.9 acres .....                                   | 15              | (D)    | -                        | -     | (NA)            | (NA)   | (NA)                     | (NA)  |
| 250.0 to 499.9 acres .....                                   | 1               | (D)    | -                        | -     | (NA)            | (NA)   | (NA)                     | (NA)  |
| 500.0 acres or more .....                                    | 1               | (D)    | -                        | -     | (NA)            | (NA)   | (NA)                     | (NA)  |
| Tomatoes .....   | 831             | 6,041  | 72                       | 3,861 | 662             | 8,126  | (NA)                     | (NA)  |
| 0.1 to 0.9 acres .....                                       | 415             | 122    | 24                       | 5     | (NA)            | (NA)   | (NA)                     | (NA)  |
| 1.0 to 4.9 acres .....                                       | 303             | 528    | 25                       | 39    | (NA)            | (NA)   | (NA)                     | (NA)  |
| 5.0 to 14.9 acres .....                                      | 67              | 536    | 7                        | 59    | (NA)            | (NA)   | (NA)                     | (NA)  |
| 15.0 to 24.9 acres .....                                     | 9               | 158    | -                        | -     | (NA)            | (NA)   | (NA)                     | (NA)  |
| 25.0 to 49.9 acres .....                                     | 11              | 354    | -                        | -     | (NA)            | (NA)   | (NA)                     | (NA)  |
| 50.0 to 99.9 acres .....                                     | 13              | 836    | 3                        | 250   | (NA)            | (NA)   | (NA)                     | (NA)  |
| 100.0 acres or more .....                                    | 13              | 3,508  | 13                       | 3,508 | (NA)            | (NA)   | (NA)                     | (NA)  |
| Turnips .....  | 26              | 588    | 3                        | (D)   | 34              | 406    | (NA)                     | (NA)  |
| Turnip greens .....  | 12              | 154    | -                        | -     | 23              | 311    | (NA)                     | (NA)  |
| Vegetables, mixed .....                                      | 14              | 60     | 3                        | 16    | 28              | 181    | (NA)                     | (NA)  |
| Vegetables, other .....                                      | 107             | (D)    | 5                        | 19    | 147             | 1,122  | (NA)                     | (NA)  |
| Watermelons .....  | 178             | 584    | -                        | -     | 118             | 169    | (NA)                     | (NA)  |

**Table 36. Specified Fruits and Nuts by Acres: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Crop                                 | Total |       | Bearing acres |       | Nonbearing acres |       |
|--------------------------------------|-------|-------|---------------|-------|------------------|-------|
|                                      | Farms | Acres | Farms         | Acres | Farms            | Acres |
| Apples . . . . .                     | 2002  | 1,750 | 50,539        | 1,373 | 44,411           | 952   |
|                                      | 1997  | 2,290 | 73,251        | (NA)  | (NA)             | (NA)  |
| 2002 acres:                          |       |       |               |       |                  |       |
| 0.1 to 0.9 acres . . . . .           |       | 290   | 116           | 167   | 58               | 168   |
| 1.0 to 4.9 acres . . . . .           |       | 553   | 1,204         | 357   | 673              | 306   |
| 5.0 to 14.9 acres . . . . .          |       | 326   | 2,666         | 286   | 2,081            | 148   |
| 15.0 to 24.9 acres . . . . .         |       | 150   | 2,801         | 138   | 2,272            | 79    |
| 25.0 to 49.9 acres . . . . .         |       | 179   | 6,233         | 173   | 5,394            | 94    |
| 50.0 to 99.9 acres . . . . .         |       | 126   | 8,730         | 126   | 7,986            | 63    |
| 100.0 acres or more . . . . .        |       | 126   | 28,788        | 126   | 25,948           | 94    |
| 100.0 to 249.9 acres . . . . .       |       | 90    | 13,239        | 90    | 11,867           | 69    |
| 250.0 to 499.9 acres . . . . .       |       | 28    | 9,147         | 28    | 8,484            | 18    |
| 500.0 acres or more . . . . .        |       | 8     | 6,402         | 8     | 5,596            | 7     |
| 500.0 to 749.9 acres . . . . .       |       | 5     | 3,002         | 5     | 2,596            | 4     |
| 750.0 to 999.9 acres . . . . .       |       | 1     | (D)           | 1     | (D)              | 1     |
| 1,000.0 acres or more . . . . .      |       | 2     | (D)           | 2     | (D)              | (D)   |
| 1997 acres:                          |       |       |               |       |                  |       |
| 0.1 to 0.9 acres . . . . .           |       | 260   | 99            | (NA)  | (NA)             | (NA)  |
| 1.0 to 4.9 acres . . . . .           |       | 740   | 1,619         | (NA)  | (NA)             | (NA)  |
| 5.0 to 14.9 acres . . . . .          |       | 443   | 3,673         | (NA)  | (NA)             | (NA)  |
| 15.0 to 24.9 acres . . . . .         |       | 209   | 3,938         | (NA)  | (NA)             | (NA)  |
| 25.0 to 49.9 acres . . . . .         |       | 229   | 8,027         | (NA)  | (NA)             | (NA)  |
| 50.0 to 99.9 acres . . . . .         |       | 221   | 15,121        | (NA)  | (NA)             | (NA)  |
| 100.0 acres or more . . . . .        |       | 188   | 40,774        | (NA)  | (NA)             | (NA)  |
| 100.0 to 249.9 acres . . . . .       |       | 140   | 20,693        | (NA)  | (NA)             | (NA)  |
| 250.0 to 499.9 acres . . . . .       |       | 40    | 13,192        | (NA)  | (NA)             | (NA)  |
| 500.0 acres or more . . . . .        |       | 8     | 6,890         | (NA)  | (NA)             | (NA)  |
| Apricots . . . . .                   | 2002  | 71    | 89            | 57    | 68               | 28    |
|                                      | 1997  | 72    | 81            | (NA)  | (NA)             | (NA)  |
| Cherries, sweet (see text) . . . . . | 2002  | 690   | 10,082        | 544   | 8,259            | 361   |
|                                      | 1997  | 798   | 11,345        | (NA)  | (NA)             | (NA)  |
| 2002 acres:                          |       |       |               |       |                  |       |
| 0.1 to 0.9 acres . . . . .           |       | 193   | 57            | 89    | 25               | 118   |
| 1.0 to 4.9 acres . . . . .           |       | 157   | 353           | 138   | 294              | 58    |
| 5.0 to 14.9 acres . . . . .          |       | 147   | 1,220         | 127   | 926              | 69    |
| 15.0 to 24.9 acres . . . . .         |       | 64    | 1,190         | 61    | 917              | 33    |
| 25.0 to 49.9 acres . . . . .         |       | 83    | 2,882         | 83    | 2,463            | 52    |
| 50.0 to 99.9 acres . . . . .         |       | 34    | 2,411         | 34    | 2,105            | 22    |
| 100.0 acres or more . . . . .        |       | 12    | 1,969         | 12    | 1,530            | 9     |
| 100.0 to 249.9 acres . . . . .       |       | 11    | (D)           | 11    | (D)              | 9     |
| 250.0 to 499.9 acres . . . . .       |       | 1     | (D)           | 1     | (D)              | -     |
| 500.0 acres or more . . . . .        |       | -     | -             | -     | -                | -     |
| Cherries, tart (see text) . . . . .  | 2002  | 735   | 34,386        | 626   | 28,042           | 403   |
|                                      | 1997  | 1,002 | 39,131        | (NA)  | (NA)             | (NA)  |
| 2002 acres:                          |       |       |               |       |                  |       |
| 0.1 to 0.9 acres . . . . .           |       | 144   | 38            | 70    | 19               | 83    |
| 1.0 to 4.9 acres . . . . .           |       | 75    | 155           | 58    | 123              | 31    |
| 5.0 to 14.9 acres . . . . .          |       | 113   | 1,083         | 108   | 944              | 38    |
| 15.0 to 24.9 acres . . . . .         |       | 89    | 1,666         | 79    | 1,280            | 45    |
| 25.0 to 49.9 acres . . . . .         |       | 121   | 4,139         | 121   | 3,389            | 65    |
| 50.0 to 99.9 acres . . . . .         |       | 101   | 7,037         | 98    | 5,734            | 71    |
| 100.0 acres or more . . . . .        |       | 92    | 20,268        | 92    | 16,553           | 70    |
| 100.0 to 249.9 acres . . . . .       |       | 73    | 10,966        | 73    | 9,140            | 54    |
| 250.0 to 499.9 acres . . . . .       |       | 13    | 4,232         | 13    | 3,422            | 11    |
| 500.0 acres or more . . . . .        |       | 6     | 5,071         | 6     | 3,992            | 5     |
| Grapes . . . . .                     | 2002  | 678   | 13,420        | 562   | 11,997           | 297   |
|                                      | 1997  | 839   | 13,915        | (NA)  | (NA)             | (NA)  |
| 2002 acres:                          |       |       |               |       |                  |       |
| 0.1 to 0.9 acres . . . . .           |       | 199   | 56            | 132   | 35               | 90    |
| 1.0 to 4.9 acres . . . . .           |       | 141   | 314           | 103   | 206              | 69    |
| 5.0 to 14.9 acres . . . . .          |       | 149   | 1,335         | 139   | 1,127            | 52    |
| 15.0 to 24.9 acres . . . . .         |       | 63    | 1,204         | 62    | 970              | 29    |
| 25.0 to 49.9 acres . . . . .         |       | 58    | 1,955         | 58    | 1,713            | 25    |
| 50.0 to 99.9 acres . . . . .         |       | 36    | 2,322         | 36    | 2,135            | 15    |
| 100.0 acres or more . . . . .        |       | 32    | 6,236         | 32    | 5,811            | 17    |
| 100.0 to 249.9 acres . . . . .       |       | 27    | 4,112         | 27    | 3,768            | 14    |
| 250.0 to 499.9 acres . . . . .       |       | 4     | (D)           | 4     | (D)              | 2     |
| 500.0 acres or more . . . . .        |       | 1     | (D)           | 1     | (D)              | (D)   |
| 1997 acres:                          |       |       |               |       |                  |       |
| 0.1 to 0.9 acres . . . . .           |       | 251   | 60            | (NA)  | (NA)             | (NA)  |
| 1.0 to 4.9 acres . . . . .           |       | 184   | 417           | (NA)  | (NA)             | (NA)  |
| 5.0 to 14.9 acres . . . . .          |       | 190   | 1,666         | (NA)  | (NA)             | (NA)  |
| 15.0 to 24.9 acres . . . . .         |       | 72    | 1,410         | (NA)  | (NA)             | (NA)  |
| 25.0 to 49.9 acres . . . . .         |       | 70    | 2,292         | (NA)  | (NA)             | (NA)  |
| 50.0 to 99.9 acres . . . . .         |       | 42    | 2,892         | (NA)  | (NA)             | (NA)  |
| 100.0 acres or more . . . . .        |       | 30    | 5,179         | (NA)  | (NA)             | (NA)  |
| 100.0 to 249.9 acres . . . . .       |       | 26    | 3,794         | (NA)  | (NA)             | (NA)  |
| 250.0 to 499.9 acres . . . . .       |       | 4     | 1,386         | (NA)  | (NA)             | (NA)  |
| 500.0 acres or more . . . . .        |       | -     | -             | (NA)  | (NA)             | (NA)  |
| Nectarines . . . . .                 | 2002  | 69    | 93            | 55    | 76               | 26    |
|                                      | 1997  | 53    | 99            | (NA)  | (NA)             | (NA)  |
| Peaches, All . . . . .               | 2002  | 732   | 6,326         | 582   | 5,056            | 352   |
|                                      | 1997  | 826   | 7,287         | (NA)  | (NA)             | (NA)  |
| 2002 acres:                          |       |       |               |       |                  |       |
| 0.1 to 0.9 acres . . . . .           |       | 226   | 74            | 132   | 42               | 118   |
| 1.0 to 4.9 acres . . . . .           |       | 244   | 558           | 196   | 417              | 105   |
| 5.0 to 14.9 acres . . . . .          |       | 132   | 1,080         | 125   | 898              | 56    |
| 15.0 to 24.9 acres . . . . .         |       | 73    | 1,293         | 73    | 1,129            | 36    |
| 25.0 to 49.9 acres . . . . .         |       | 34    | 1,095         | 33    | 824              | 21    |
| 50.0 to 99.9 acres . . . . .         |       | 17    | 1,172         | 17    | 992              | 10    |
| 100.0 acres or more . . . . .        |       | 6     | 1,053         | 6     | 755              | 6     |
| 1997 acres:                          |       |       |               |       |                  |       |
| 0.1 to 0.9 acres . . . . .           |       | 256   | 66            | (NA)  | (NA)             | (NA)  |
| 1.0 to 4.9 acres . . . . .           |       | 252   | 597           | (NA)  | (NA)             | (NA)  |
| 5.0 to 14.9 acres . . . . .          |       | 187   | 1,525         | (NA)  | (NA)             | (NA)  |
| 15.0 to 24.9 acres . . . . .         |       | 59    | 1,100         | (NA)  | (NA)             | (NA)  |
| 25.0 to 49.9 acres . . . . .         |       | 48    | 1,584         | (NA)  | (NA)             | (NA)  |
| 50.0 to 99.9 acres . . . . .         |       | 15    | 959           | (NA)  | (NA)             | (NA)  |
| 100.0 acres or more . . . . .        |       | 9     | 1,457         | (NA)  | (NA)             | (NA)  |

--continued

**Table 36. Specified Fruits and Nuts by Acres: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Crop                       | Total        |             | Bearing acres  |             | Nonbearing acres |             |
|----------------------------|--------------|-------------|----------------|-------------|------------------|-------------|
|                            | Farms        | Acres       | Farms          | Acres       | Farms            | Acres       |
| Pears, All .....           | 2002<br>1997 | 443<br>340  | 1,128<br>967   | 301<br>(NA) | 919<br>(NA)      | 215<br>(NA) |
| Plums and prunes .....     | 2002<br>1997 | 230<br>311  | 1,012<br>1,348 | 159<br>(NA) | 771<br>(NA)      | 121<br>(NA) |
| Hazelnuts (Filberts) ..... | 2002<br>1997 | 13<br>3     | (D)<br>3       | 5<br>(NA)   | (D)<br>(NA)      | 10<br>(NA)  |
| Pecans .....               | 2002<br>1997 | 1<br>(NA)   | (D)<br>(NA)    | (NA)        | -<br>(NA)        | 1<br>(NA)   |
| Walnuts, English .....     | 2002<br>1997 | 19<br>(NA)  | 114<br>(NA)    | 8<br>(NA)   | 47<br>(NA)       | 16<br>(NA)  |
| Other fruit and nuts ..... | 2002<br>1997 | 165<br>(NA) | 919<br>(NA)    | 81<br>(NA)  | 432<br>(NA)      | 129<br>(NA) |
|                            |              |             |                |             |                  | 487<br>(NA) |

**Table 37. Berries Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Crop                    | 2002  |        | 1997  |        |
|-------------------------|-------|--------|-------|--------|
|                         | Farms | Acres  | Farms | Acres  |
| Blackberries .....      | 73    | 54     | 47    | 41     |
| Blueberries, tame ..... | 590   | 17,274 | 694   | 18,672 |
| Blueberries, wild ..... | 10    | 43     | (NA)  | (NA)   |
| Cranberries .....       | 8     | (D)    | 8     | 37     |
| Currants .....          | 6     | (D)    | 1     | (D)    |
| Raspberries, all .....  | 257   | 590    | 350   | 658    |
| Strawberries .....      | 312   | 1,224  | 386   | 1,558  |
| Other berries .....     | 8     | 26     | 18    | (D)    |

**Table 38. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Crops  | Under glass or other protection |               | In the open              |               |                  |
|--|---------------------------------|---------------|--------------------------|---------------|------------------|
|  | Farms                           | Square feet   | Farms                    | Acres         |                  |
| Nursery, greenhouse, floriculture, aquatic plants, mushrooms, flower seeds, vegetable seeds, and sod harvested, total (see text) . . . . .   | 2002<br>1997                    | 1,105<br>(NA) | 60,869,472<br>(NA)       | 1,509<br>(NA) | 37,602<br>(NA)   |
| Floriculture crops - bedding/garden plants, cut flowers and cut florist greens, foliage plants, and potted flowering plants, total . . . . . | 2002<br>1997                    | 936<br>1,069  | 48,186,105<br>44,429,347 | 585<br>611    | 3,880<br>4,345   |
| Bedding/garden plants . . . . .  | 2002<br>1997                    | 841<br>966    | 38,237,074<br>33,717,542 | 426<br>401    | 1,825<br>1,756   |
| Cut flowers and cut florist greens . . . . .   | 2002<br>1997                    | 59<br>51      | 251,045<br>1,238,670     | 149<br>159    | 1,926<br>2,192   |
| Foliage plants . . . . .   | 2002<br>1997                    | 72<br>65      | 877,475<br>1,079,886     | 33<br>31      | 26<br>(D)        |
| Potted flowering plants . . . . .  | 2002<br>1997                    | 269<br>298    | 8,820,511<br>8,393,249   | 74<br>108     | 103<br>(D)       |
| Aquatic plants . . . . .   | 2002<br>1997                    | 21<br>(NA)    | 323,360<br>(NA)          | 17<br>(NA)    | 23<br>(NA)       |
| Bulbs, corms, rhizomes, and tubers-dry . . . . .   | 2002<br>1997                    | 28<br>25      | 379,768<br>494,784       | 40<br>64      | 581<br>183       |
| Flower seeds . . . . .   | 2002<br>1997                    | 18<br>(NA)    | 170,624<br>(NA)          | 12<br>(NA)    | 39<br>(NA)       |
| Greenhouse vegetables . . . . .  | 2002<br>1997                    | 111<br>(NA)   | 1,057,297<br>(NA)        | (X)<br>(X)    | (X)<br>(X)       |
| 2002 farms by area:  |                                 |               |                          |               |                  |
| 1 to 999 square feet . . . . .   |                                 | 27            | 12,368                   | (X)           | (X)              |
| 1,000 to 1,999 square feet . . . . .   |                                 | 14            | 20,186                   | (X)           | (X)              |
| 2,000 to 2,999 square feet . . . . .   |                                 | 8             | 20,960                   | (X)           | (X)              |
| 3,000 to 3,999 square feet . . . . .   |                                 | 11            | 36,720                   | (X)           | (X)              |
| 4,000 or more square feet . . . . .  |                                 | 51            | 967,063                  | (X)           | (X)              |
| 4,000 to 5,999 square feet . . . . .   |                                 | 13            | 60,088                   | (X)           | (X)              |
| 6,000 to 9,999 square feet . . . . .   |                                 | 10            | 80,517                   | (X)           | (X)              |
| 10,000 or more square feet . . . . .   |                                 | 28            | 826,458                  | (X)           | (X)              |
| Mushrooms . . . . .  | 2002<br>1997                    | 4<br>5        | (D)<br>(D)               | (X)<br>(X)    | (X)<br>(X)       |
| Nursery stock (see text) . . . . .   | 2002<br>1997                    | 111<br>159    | 10,017,485<br>15,285,993 | 889<br>852    | 22,018<br>18,048 |
| Sod harvested . . . . .  | 2002<br>1997                    | (X)<br>(X)    | (X)<br>(X)               | 54<br>63      | 10,262<br>8,582  |
| 2002 farms by area:  |                                 |               |                          |               |                  |
| 0 to 1.9 acres . . . . .   |                                 | (X)           | (X)                      | 1             | (D)              |
| 2.0 to 14.9 acres . . . . .  |                                 | (X)           | (X)                      | 9             | (D)              |
| 15.0 to 29.9 acres . . . . .   |                                 | (X)           | (X)                      | 5             | 95               |
| 30.0 to 49.9 acres . . . . .   |                                 | (X)           | (X)                      | 8             | 336              |
| 50.0 to 74.9 acres . . . . .   |                                 | (X)           | (X)                      | 4             | 247              |
| 75.0 to 99.9 acres . . . . .   |                                 | (X)           | (X)                      | 2             | (D)              |
| 100 acres or more . . . . .  |                                 | (X)           | (X)                      | 25            | 9,314            |
| Vegetable seeds . . . . .  | 2002<br>1997                    | 24<br>(NA)    | (D)<br>(NA)              | 28<br>(NA)    | 285<br>(NA)      |
| Other nursery and greenhouse crops . . . . .   | 2002<br>1997                    | 25<br>(NA)    | 347,970<br>(NA)          | 42<br>(NA)    | 514<br>(NA)      |

**Table 39. Woodland Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Crop  | Acres in production |               |                    | Harvested     |                   |
|---|---------------------|---------------|--------------------|---------------|-------------------|
|   | Farms               | Acres         | Farms              | Trees cut     |                   |
| Cut Christmas trees (see text) . . . . .        | 2002<br>1997        | 1,798<br>(NA) | 60,520<br>(NA)     | 1,038<br>(NA) | 2,380,173<br>(NA) |
| 2002 farms by acres in production:              |                     |               |                    |               |                   |
| 1 to 2 acres . . . . .                          |                     | 234           | 362                | 102           | 9,852             |
| 3 to 4 acres . . . . .                          |                     | 190           | 655                | 92            | 8,928             |
| 5 to 9 acres . . . . .                          |                     | 334           | 2,046              | 186           | 46,805            |
| 10 to 19 acres . . . . .                        |                     | 404           | 4,927              | 221           | 57,226            |
| 20 to 49 acres . . . . .                        |                     | 402           | 11,403             | 213           | 237,801           |
| 50 to 99 acres . . . . .                        |                     | 125           | 8,409              | 115           | 241,153           |
| 100 acres or more . . . . .                     |                     | 109           | 32,708             | 109           | 1,778,408         |
| Crop  | Acres in production |               |                    | Harvested     |                   |
|   | Farms               | Acres         | Farms              | Acres         |                   |
| Short-rotation woody crops (see text) . . . . . | 2002<br>1997        | 422<br>(NA)   | 10,966<br>(NA)     | 147<br>(NA)   | 1,482<br>(NA)     |
| Crop  | Taps set            |               | Syrup produced     |               |                   |
|   | Farms               | Number        | Farms              | Gallons       |                   |
| Maple syrup (see text) . . . . .                | 2002<br>1997        | 560<br>326    | 404,174<br>379,462 | 560<br>(NA)   | 85,560<br>(NA)    |
| 2002 farms by number of taps:                   |                     |               |                    |               |                   |
| 1 to 99 taps . . . . .                          |                     | 155           | 5,765              | 155           | 1,328             |
| 100 to 499 taps . . . . .                       |                     | 229           | 55,534             | 229           | 11,416            |
| 500 to 999 taps . . . . .                       |                     | 72            | 44,760             | 72            | 10,302            |
| 1,000 to 1,999 taps . . . . .                   |                     | 57            | 72,660             | 57            | 18,085            |
| 2,000 to 2,999 taps . . . . .                   |                     | 19            | 43,175             | 19            | 9,509             |
| 3,000 to 4,999 taps . . . . .                   |                     | 11            | 40,200             | 11            | 8,000             |
| 5,000 taps or more . . . . .                    |                     | 17            | 142,080            | 17            | 26,920            |
| 5,000 to 9,999 taps . . . . .                   |                     | 13            | 91,080             | 13            | 17,920            |
| 10,000 taps or more . . . . .                   |                     | 4             | 51,000             | 4             | 9,000             |

**Table 40. Grain Storage Capacity: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Grain Storage Capacity   | 2002  |             | 1997  |         |
|--|-------|-------------|-------|---------|
|  | Farms | Bushels     | Farms | Bushels |
| Grain storage capacity (see text) . . . . .                        | 8,525 | 204,099,405 | (NA)  | (NA)    |
| Average capacity per farm . . . . .                                | (X)   | 23,941      | (NA)  | (NA)    |
| Capacity by bushels:   |       |             |       |         |
| 1 to 4,999 bushels . . . . .                                       | 3,423 | 6,069,205   | (NA)  | (NA)    |
| 5,000 to 9,999 bushels . . . . .                                   | 1,176 | 7,851,641   | (NA)  | (NA)    |
| 10,000 to 19,999 bushels . . . . .                                 | 1,261 | 16,910,153  | (NA)  | (NA)    |
| 20,000 to 29,999 bushels . . . . .                                 | 735   | 16,912,618  | (NA)  | (NA)    |
| 30,000 to 49,999 bushels . . . . .                                 | 729   | 26,801,433  | (NA)  | (NA)    |
| 50,000 to 99,999 bushels . . . . .                                 | 762   | 50,985,942  | (NA)  | (NA)    |
| 100,000 bushels or more . . . . .                                  | 439   | 78,568,413  | (NA)  | (NA)    |
| 100,000 to 249,999 bushels . . . . .                               | 363   | 49,847,913  | (NA)  | (NA)    |
| 250,000 bushels or more . . . . .                                  | 76    | 28,720,500  | (NA)  | (NA)    |
| Capacity by land in farms:   |       |             |       |         |
| 1 to 9 acres . . . . .   | 40    | 299,926     | (NA)  | (NA)    |
| 10 to 49 acres . . . . .   | 653   | 2,851,591   | (NA)  | (NA)    |
| 50 to 69 acres . . . . .   | 293   | 1,425,192   | (NA)  | (NA)    |
| 70 to 99 acres . . . . .   | 622   | 2,552,903   | (NA)  | (NA)    |
| 100 to 139 acres . . . . .   | 687   | 3,947,545   | (NA)  | (NA)    |
| 140 to 179 acres . . . . .   | 651   | 4,375,768   | (NA)  | (NA)    |
| 180 to 219 acres . . . . .   | 479   | 3,542,989   | (NA)  | (NA)    |
| 220 to 259 acres . . . . .   | 478   | 3,808,648   | (NA)  | (NA)    |
| 260 to 499 acres . . . . .   | 1,629 | 21,184,986  | (NA)  | (NA)    |
| 500 to 999 acres . . . . .   | 1,586 | 44,846,418  | (NA)  | (NA)    |
| 1,000 to 1,999 acres . . . . .                                     | 1,034 | 60,675,809  | (NA)  | (NA)    |
| 2,000 acres or more . . . . .                                      | 373   | 54,587,630  | (NA)  | (NA)    |
| 2,000 to 4,999 acres . . . . .                                     | 338   | 43,214,172  | (NA)  | (NA)    |
| 5,000 acres or more . . . . .                                      | 35    | 11,373,458  | (NA)  | (NA)    |
| Capacity by harvested cropland:                                    |       |             |       |         |
| 0 to 9 acres . . . . .   | 599   | 3,647,334   | (NA)  | (NA)    |
| 10 to 49 acres . . . . .   | 1,158 | 4,733,537   | (NA)  | (NA)    |
| 50 to 69 acres . . . . .   | 470   | 2,275,017   | (NA)  | (NA)    |
| 70 to 99 acres . . . . .   | 598   | 2,720,231   | (NA)  | (NA)    |
| 100 to 139 acres . . . . .   | 622   | 4,809,508   | (NA)  | (NA)    |
| 140 to 179 acres . . . . .   | 530   | 5,022,495   | (NA)  | (NA)    |
| 180 to 219 acres . . . . .   | 416   | 3,954,780   | (NA)  | (NA)    |
| 220 to 259 acres . . . . .   | 345   | 4,034,386   | (NA)  | (NA)    |
| 260 to 499 acres . . . . .   | 1,306 | 22,000,644  | (NA)  | (NA)    |
| 500 to 999 acres . . . . .   | 1,389 | 47,987,415  | (NA)  | (NA)    |
| 1,000 to 1,999 acres . . . . .                                     | 800   | 54,823,351  | (NA)  | (NA)    |
| 2,000 acres or more . . . . .                                      | 292   | 48,090,707  | (NA)  | (NA)    |
| 2,000 to 4,999 acres . . . . .                                     | 264   | 38,053,249  | (NA)  | (NA)    |
| 5,000 acres or more . . . . .                                      | 28    | 10,037,458  | (NA)  | (NA)    |
| Capacity by North American Industry Classification System (NAICS): |       |             |       |         |
| Crop production (111) . . . . .                                    | 5,524 | 154,736,490 | (NA)  | (NA)    |
| Animal production (112) . . . . .                                  | 3,001 | 49,362,915  | (NA)  | (NA)    |

**Table 41. Farms by Concentration of Market Value of Agricultural Products Sold: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics  | All farms                     | Fewest number of farms accounting for- |                       |                      |                        |
|--|-------------------------------|--|-----------------------|----------------------|------------------------|
|  |                               | 10 percent of sales                    | 25 percent of sales   | 50 percent of sales  | 75 percent of sales    |
| Farms .....  | number<br>percent             | 53,315<br>100.0                        | 27<br>0.1             | 178<br>0.3           | 1,079<br>2.0           |
| Land in farms .....  | acres<br>Average size of farm | 10,142,958<br>190                      | 50,753<br>1,880       | 309,038<br>1,736     | 1,665,955<br>1,544     |
| Estimated market value of land and buildings <sup>1</sup> .....          | farms<br>\$1,000              | 53,296<br>27,143,604                   | 27<br>194,149         | 176<br>923,156       | 1,083<br>4,109,079     |
| Average per farm .....   | dollars<br>dollars            | 509,299<br>2,667                       | 7,190,696<br>3,825    | 5,245,206<br>2,992   | 3,794,164<br>2,455     |
| Estimated market value of all machinery and equipment <sup>1</sup> ..... | \$1,000<br>percent            | 3,761,334<br>100.0                     | 48,410<br>1.3         | 181,419<br>4.8       | 658,924<br>17.5        |
| Land in farms according to use:  |                               |  |                       |                      |                        |
| Total cropland .....   | acres                         | 7,983,574                              | 46,921                | 280,928              | 1,530,300              |
| Harvested cropland .....   | acres                         | 6,827,903                              | 44,840                | 262,667              | 1,475,919              |
| Pastureland, excluding woodland pastured .....                           | acres                         | 663,358                                | 345                   | 7,037                | 18,733                 |
| Market value of agricultural products sold (see text) .....              | \$1,000<br>Average per farm   | 3,772,435<br>70,757                    | 377,394<br>13,977,550 | 943,321<br>5,299,559 | 1,886,845<br>1,748,698 |
| Grains, oilseeds, dry beans, and dry peas .....                          | farms<br>\$1,000              | 16,819<br>990,921                      | 11<br>3,667           | 76<br>30,779         | 673<br>241,686         |
| Tobacco .....  | farms<br>\$1,000              | -                                      | -                     | -                    | -                      |
| Cotton and cottonseed .....  | farms<br>\$1,000              | -                                      | -                     | -                    | -                      |
| Vegetables, melons, potatoes, and sweet potatoes .....                   | farms<br>\$1,000              | 2,676<br>322,510                       | 2<br>(D)              | 30<br>96,039         | 201<br>212,592         |
| Fruits, tree nuts, and berries .....                                     | farms<br>\$1,000              | 2,797<br>181,469                       | 1<br>(D)              | 17<br>30,275         | 90<br>76,097           |
| Nursery, greenhouse, floriculture, and sod (see text) .....              | farms<br>\$1,000              | 2,185<br>628,699                       | 12<br>198,786         | 52<br>332,006        | 204<br>484,095         |
| Cut Christmas trees and short-rotation woody crops .....                 | farms<br>\$1,000              | 1,076<br>30,411                        | 1<br>(D)              | 5<br>(D)             | 23<br>12,895           |
| Other crops and hay (see text) .....                                     | farms<br>\$1,000              | 12,504<br>208,618                      | 3<br>(D)              | 21<br>7,377          | 273<br>60,234          |
| Cattle and calves .....  | farms<br>\$1,000              | 11,293<br>298,517                      | 6<br>11,599           | 66<br>65,194         | 388<br>126,125         |
| Milk and other dairy products from cows .....                            | farms<br>\$1,000              | 2,738<br>697,920                       | 5<br>42,479           | 52<br>189,099        | 277<br>371,423         |
| Hogs and pigs .....  | farms<br>\$1,000              | 2,336<br>200,027                       | 1<br>(D)              | 23<br>64,013         | 125<br>140,588         |
| Sheep, goats, and their products .....                                   | farms<br>\$1,000              | 2,307<br>6,613                         | 4<br>-                | -<br>-               | 9<br>(D)               |
| Horses, ponies, mules, burros, and donkeys .....                         | farms<br>\$1,000              | 3,286<br>23,743                        | -<br>-                | 2<br>(D)             | 9<br>3,009             |
| Poultry and eggs .....   | farms<br>\$1,000              | 2,206<br>146,700                       | 4<br>68,155           | 13<br>106,734        | 47<br>137,709          |
| Aquaculture (see text) .....   | farms<br>\$1,000              | 83<br>3,316                            | -<br>-                | -<br>-               | 2<br>(D)               |
| Other animals and other animal products (see text) .....                 | farms<br>\$1,000              | 1,152<br>32,972                        | 1<br>(D)              | 1<br>(D)             | 8<br>(D)               |
| Value of certified organically produced commodities (see text) .....     | farms<br>\$1,000              | 283<br>7,019                           | 1<br>(D)              | 1<br>(D)             | 2<br>(D)               |
| Value of agricultural products received by landlords (see text) .....    | farms<br>\$1,000              | 2,262<br>46,690                        | 3<br>(D)              | 5<br>871             | 80<br>10,245           |
| Total farm production expenses <sup>1</sup> .....                        | farms<br>\$1,000              | 53,296<br>3,333,716                    | 27<br>264,261         | 176<br>739,074       | 1,083<br>1,522,076     |
| Selected farm production expenses <sup>1</sup> :                         |                               |  |                       |                      |                        |
| Fertilizer, lime, and soil conditioners .....                            | farms<br>\$1,000              | 28,156<br>241,158                      | 25<br>5,675           | 150<br>19,362        | 1,006<br>70,892        |
| Chemicals .....  | farms<br>\$1,000              | 23,602<br>181,198                      | 24<br>4,674           | 141<br>19,775        | 3,131<br>63,125        |
| Livestock and poultry purchased .....                                    | farms<br>\$1,000              | 11,647<br>196,578                      | 10<br>14,699          | 78<br>62,029         | 1,116<br>124,698       |
| Feed purchased .....   | farms<br>\$1,000              | 24,297<br>390,264                      | 12<br>44,015          | 97<br>135,066        | 1,723<br>230,399       |
| Gasoline, fuels, and oils .....  | farms<br>\$1,000              | 50,597<br>145,503                      | 27<br>6,563           | 176<br>19,058        | 3,697<br>49,252        |
| Utilities (see text) .....   | farms<br>\$1,000              | 30,422<br>91,391                       | 26<br>7,437           | 174<br>18,639        | 3,524<br>37,697        |
| Hired farm labor .....   | farms<br>\$1,000              | 12,279<br>469,731                      | 27<br>69,556          | 176<br>171,345       | 1,044<br>314,696       |
| Interest expense .....   | farms<br>\$1,000              | 18,089<br>211,406                      | 24<br>9,571           | 163<br>32,039        | 1,028<br>942           |
| Government payments .....  | farms<br>\$1,000              | 18,133<br>144,771                      | 13<br>499             | 105<br>6,849         | 745<br>35,895          |
| Inventory of selected livestock:   |                               |  |                       |                      |                        |
| Cattle and calves .....  | farms<br>number               | 14,495<br>998,204                      | 6<br>27,394           | 69<br>145,547        | 395<br>318,297         |
| Milk cows .....  | farms<br>number               | 3,013<br>298,429                       | 5<br>14,754           | 51<br>67,048         | 275<br>138,809         |
| Hogs and pigs .....  | farms<br>number               | 2,180<br>927,400                       | 1<br>(D)              | 21<br>247,215        | 124<br>576,492         |

<sup>1</sup> Data are based on a sample of farms.

**Table 42. Commodities Raised and Delivered Under Production Contracts: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Commodity  | 2002  |           | 1997  |        |
|--|-------|-----------|-------|--------|
|  | Farms | Number    | Farms | Number |
| Broilers and other meat-type chickens .....            | 12    | 3,795,550 | (NA)  | (NA)   |
| Eggs, chicken (dozens) .....                           | 23    | 8,493,649 | (NA)  | (NA)   |
| Pullets for laying flock replacement .....             | 14    | 1,083,793 | (NA)  | (NA)   |
| Turkeys .....  | 2     | (D)       | (NA)  | (NA)   |
| Custom fed cattle .....                                | 112   | 28,454    | (NA)  | (NA)   |
| Hogs and pigs .....                                    | 170   | 1,052,355 | (NA)  | (NA)   |
| Other livestock, poultry, or aquaculture .....         | 8     | (X)       | (NA)  | (NA)   |
| Grains and oilseeds .....                              | 127   | (X)       | (NA)  | (NA)   |
| Vegetables, melons, potatoes, and sweet potatoes ..... | 2     | (X)       | (NA)  | (NA)   |
| Other crops (see text) .....                           | 11    | (X)       | (NA)  | (NA)   |
| Value of commodities (see text) (\$1,000) .....        | 457   | 124,273   | (NA)  | (NA)   |
| Payments received (see text) (\$1,000) .....           | 457   | 25,100    | (NA)  | (NA)   |

**Table 43. Value of Land and Buildings: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Value of land and buildings                              | 2002   |                 | 1997   |                 |
|--|--------|-----------------|--------|-----------------|
|  | Farms  | Value (\$1,000) | Farms  | Value (\$1,000) |
| Estimated market value of land and buildings ..... farms | 53,296 | (X)             | 53,514 | (X)             |
| \$1,000  | (X)    | 27,143,604      | (X)    | 17,958,222      |
| Average per farm ..... dollars                           | (X)    | 509,299         | (X)    | 335,580         |
| Average per acre ..... dollars                           | (X)    | 2,667           | (X)    | 1,704           |
| Farms by value group:                                    |        |                 |        |                 |
| \$1 to \$49,999 .....                                    | 3,811  | 103,372         | (NA)   | (NA)            |
| \$50,000 to \$99,999 .....                               | 5,335  | 394,320         | (NA)   | (NA)            |
| \$100,000 to \$199,999 .....                             | 13,564 | 1,936,879       | (NA)   | (NA)            |
| \$200,000 to \$499,999 .....                             | 17,482 | 5,293,896       | 14,814 | 4,349,043       |
| \$500,000 to \$999,999 .....                             | 6,913  | 4,686,529       | 5,039  | 3,449,155       |
| \$1,000,000 to \$1,999,999 .....                         | 3,640  | 4,959,955       | 2,414  | 3,225,391       |
| \$2,000,000 to \$4,999,999 .....                         | 2,074  | 6,036,023       | 954    | 2,737,535       |
| \$5,000,000 to \$9,999,999 .....                         | 396    | 2,568,098       | (NA)   | (NA)            |
| \$10,000,000 or more .....                               | 81     | 1,164,531       | (NA)   | (NA)            |

**Table 44. Value of Machinery and Equipment on Operation: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Value of machinery and equipment                        | 2002   |                 | 1997   |                 |
|---|--------|-----------------|--------|-----------------|
|   | Farms  | Value (\$1,000) | Farms  | Value (\$1,000) |
| Estimated market value of machinery and equipment ..... | 50,891 | 3,761,334       | 53,513 | 3,318,370       |
| Average per farm <sup>1</sup> .....                     | (X)    | 73,910          | (X)    | 62,011          |
| By value group:   |        |                 |        |                 |
| \$1 to \$4,999 .....                                    | 7,859  | 18,149          | 4,412  | 12,989          |
| \$5,000 to \$9,999 .....                                | 6,747  | 44,841          | 6,624  | 44,685          |
| \$10,000 to \$19,999 .....                              | 7,922  | 108,236         | 10,578 | 142,699         |
| \$20,000 to \$29,999 .....                              | 6,070  | 139,755         | 7,650  | 176,835         |
| \$30,000 to \$49,999 .....                              | 6,005  | 226,410         | 7,299  | 268,416         |
| \$50,000 to \$69,999 .....                              | 3,783  | 212,139         | 4,366  | 242,965         |
| \$70,000 to \$99,999 .....                              | 2,876  | 234,529         | 3,744  | 303,866         |
| \$100,000 to \$199,999 .....                            | 4,515  | 606,290         | 4,849  | 643,130         |
| \$200,000 to \$499,999 .....                            | 3,831  | 1,144,116       | 3,314  | 921,598         |
| \$500,000 to \$999,999 .....                            | 1,063  | 682,585         | 541    | 345,505         |
| \$1,000,000 or more .....                               | 220    | 344,285         | 136    | 215,682         |

<sup>1</sup> Data are in whole dollars.

**Table 45. Selected Machinery and Equipment on Operation: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Selected machinery and equipment                          | 2002   |         |                           |        |                            |         | 1997   |         |                           |        |
|---|--------|---------|---------------------------|--------|----------------------------|---------|--------|---------|---------------------------|--------|
|   | Total  |         | Manufactured 1998 to 2002 |        | Manufactured prior to 1998 |         | Total  |         | Manufactured 1993 to 1997 |        |
|   | Farms  | Number  | Farms                     | Number | Farms                      | Number  | Farms  | Number  | Farms                     | Number |
| Tractors . . . . .  | 47,627 | 137,474 | 6,979                     | 11,093 | 45,213                     | 126,381 | 49,229 | 129,183 | 6,780                     | 10,245 |
| 2 or 3 . . . . .  | 19,043 | 45,496  | 1,424                     | 3,219  | 18,112                     | 43,036  | 22,996 | 55,173  | 1,627                     | 3,564  |
| 4 or more . . . . .                                       | 12,499 | 75,893  | 442                       | 2,761  | 11,536                     | 67,780  | 11,045 | 58,822  | 342                       | 1,870  |
| Less than 40 horsepower (PTO) . . . . .                   | 27,941 | 45,749  | 3,121                     | 4,125  | 25,737                     | 41,624  | 29,044 | 44,853  | 2,638                     | 3,082  |
| 40 to 99 horsepower (PTO) . . . . .                       | 32,722 | 61,456  | 3,065                     | 4,018  | 31,191                     | 57,438  | 34,927 | 59,041  | 3,349                     | 4,113  |
| 100 horsepower (PTO) or more . . . . .                    | 15,011 | 30,269  | 1,768                     | 2,950  | 14,483                     | 27,319  | 15,208 | 25,289  | 2,002                     | 3,050  |
| Grain and bean combines (see text) . . . . .              | 12,487 | 14,308  | 859                       | 905    | 11,753                     | 13,403  | 15,845 | 18,518  | 1,173                     | 1,263  |
| Cotton pickers and strippers . . . . .                    | -      | -       | -                         | -      | -                          | -       | -      | -       | -                         | -      |
| Forage harvesters,<br>self-propelled (see text) . . . . . | 1,933  | 2,240   | 222                       | 232    | 1,721                      | 2,008   | (NA)   | (NA)    | (NA)                      | (NA)   |
| Hay balers . . . . .                                      | 18,508 | 23,012  | 1,534                     | 1,620  | 17,522                     | 21,392  | 19,179 | 23,651  | 2,271                     | 2,449  |

**Table 46. Fertilizers and Chemicals: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | 2002      | 1997      | Item   | 2002      | 1997      |
|---|-----------|-----------|--|-----------|-----------|
| Any fertilizer, manure, or chemicals used <sup>1</sup> ..... farms          | 32,568    | 36,267    | Any fertilizer, manure, or chemicals used <sup>1</sup> - Con.          |           |           |
| Commercial fertilizer, lime, and soil conditioners <sup>2</sup> ..... farms | 28,156    | 32,882    | Chemicals - Con.   |           |           |
| acres treated   | 5,476,283 | 5,902,898 | Acres treated to control- Con.   |           |           |
| purchased, \$1,000  | 241,158   | 255,435   | Weeds, grass, or brush ..... farms                                     | 18,709    | 22,149    |
| Manure ..... farms  | 11,955    | (NA)      | acres  | 4,387,194 | 4,535,954 |
| acres treated   | 700,621   | (NA)      | Nematodes ..... farms  | 971       | 1,067     |
| Chemicals ..... farms   | 23,602    | 28,900    | acres  | 86,159    | 123,935   |
| purchased, \$1,000  | 181,198   | 192,051   | Diseases in crops and orchards ..... farms                             | 3,315     | 4,494     |
| Acres treated to control- Insects <sup>3</sup> ..... farms                  | 8,314     | 10,635    | acres  | 346,183   | 390,025   |
| acres   | 990,827   | 1,304,182 | Chemicals used to control growth, thin fruit, or defoliate ..... farms | 1,062     | 1,541     |
|   |           |           | acres on which used  | 86,216    | 139,325   |

<sup>1</sup> Data for 1997 exclude lime and manure.

<sup>2</sup> Expense data for 1997 exclude lime.

<sup>3</sup> Data for 1997 include treatment of crops, including hay, but not other land.

**Table 47. Selected Farm Characteristics by Race of Principal Operator: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics  | Principal operator reporting- |                           |                                  |   |       |        | More than one race |  |
|--|-------------------------------|---------------------------|----------------------------------|---|-------|--------|--------------------|--|
|  | One race                      |                           |                                  |   |       | Asian  |                    |  |
|  | White                         | Black or African American | American Indian or Alaska Native | Native Hawaiian or Other Pacific Islander |       |        |                    |  |
| <b>F FARMS AND LAND IN FARMS</b>   |                               |                           |                                  |   |       |        |                    |  |
| Farms .....  | 52,795                        | 184                       | 146                              | 13  | 30    | 147    |                    |  |
| Land in farms .....  | 10,091,925                    | 18,268                    | 15,758                           | 971                                       | 1,205 | 14,831 |                    |  |
| <b>F FARMS BY SIZE</b>   |                               |                           |                                  |   |       |        |                    |  |
| 1 to 9 acres .....   | 3,192                         | 8                         | 15                               | -   | 7     | 13     |                    |  |
| 10 to 49 acres .....   | 18,404                        | 101                       | 66                               | 7   | 11    | 74     |                    |  |
| 50 to 179 acres .....  | 18,452                        | 51                        | 43                               | 5   | 12    | 42     |                    |  |
| 180 to 499 acres .....   | 7,952                         | 12                        | 16                               | 1   | -     | 12     |                    |  |
| 500 acres or more .....  | 4,795                         | 12                        | 6                                | -   | -     | 6      |                    |  |
| <b>OWNED AND RENTED LAND IN FARMS</b>  |                               |                           |                                  |   |       |        |                    |  |
| Owned land in farms .....  | 50,785                        | 178                       | 142                              | 13  | 29    | 141    |                    |  |
| farms  | 6,231,866                     | (D)                       | 11,998                           | (D)                                       | (D)   | 10,900 |                    |  |
| Rented or leased land in farms .....   | 16,125                        | 31                        | 40                               | 1   | 1     | 28     |                    |  |
| farms  | 3,860,059                     | (D)                       | 3,760                            | (D)                                       | (D)   | 3,931  |                    |  |
| <b>TENURE</b>  |                               |                           |                                  |   |       |        |                    |  |
| Full owners .....  | 36,670                        | 153                       | 106                              | 12  | 29    | 119    |                    |  |
| farms  | 3,297,703                     | 11,419                    | 6,914                            | (D)                                       | (D)   | 7,913  |                    |  |
| Part owners .....  | 14,115                        | 25                        | 36                               | 1   | -     | 22     |                    |  |
| farms  | 6,295,783                     | (D)                       | 8,546                            | (D)                                       | -     | 6,695  |                    |  |
| Tenants .....  | 2,010                         | 6                         | 4                                | -   | 1     | 6      |                    |  |
| farms  | 498,439                       | (D)                       | 298                              | -   | (D)   | 223    |                    |  |
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>              |                               |                           |                                  |   |       |        |                    |  |
| Total .....  | 52,795                        | 184                       | 146                              | 13  | 30    | 147    |                    |  |
| farms  | 3,906,227                     | 2,985                     | 3,221                            | (D)                                       | (D)   | 4,104  |                    |  |
| Market value of agricultural products sold .....                                       | 52,795                        | 184                       | 146                              | 13  | 30    | 147    |                    |  |
| farms  | \$1,000                       | 3,761,884                 | 2,843                            | (D)                                       | (D)   | 3,975  |                    |  |
| Crops .....  | 29,474                        | 88                        | 62                               | 8   | 13    | 52     |                    |  |
| farms  | \$1,000                       | 2,354,289                 | (D)                              | 1,840                                     | (D)   | 475    |                    |  |
| Livestock, poultry, and their products .....   | 18,029                        | 62                        | 51                               | 2   | 5     | 54     |                    |  |
| farms  | \$1,000                       | 1,407,596                 | 1,238                            | (D)                                       | (D)   | 516    |                    |  |
| Government payments .....  | 18,034                        | 40                        | 30                               | 1   | 4     | 24     |                    |  |
| farms  | \$1,000                       | 144,343                   | 142                              | 143                                       | (D)   | 129    |                    |  |
| <b>F FARMS BY ECONOMIC CLASS (SEE TEXT)</b>  |                               |                           |                                  |   |       |        |                    |  |
| Less than \$1,000 .....  | 13,465                        | 52                        | 64                               | 4   | 16    | 56     |                    |  |
| \$1,000 to \$2,499 .....   | 7,784                         | 32                        | 17                               | 6   | -     | 25     |                    |  |
| \$2,500 to \$4,999 .....   | 5,523                         | 25                        | 23                               | 1   | -     | 18     |                    |  |
| \$5,000 to \$9,999 .....   | 5,543                         | 15                        | 12                               | -   | 2     | 18     |                    |  |
| \$10,000 to \$24,999 .....   | 6,547                         | 29                        | 8                                | 1   | 5     | 12     |                    |  |
| \$25,000 to \$49,999 .....   | 4,051                         | 13                        | 11                               | -   | 1     | 6      |                    |  |
| \$50,000 or more .....   | 9,882                         | 18                        | 11                               | 1   | 2     | 12     |                    |  |
| <b>COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS</b>      |                               |                           |                                  |   |       |        |                    |  |
| CCC loans .....  | 2,591                         | 1                         | 4                                | -   | -     | -      |                    |  |
| farms  | \$1,000                       | 71,863                    | (D)                              | 119                                       | -     | -      |                    |  |
| Conservation Reserve and Wetlands Reserve Programs (CRP and WRP) .....                 | 6,565                         | 15                        | 11                               | -   | 1     | 11     |                    |  |
| farms  | \$1,000                       | 19,243                    | 61                               | 43  | -     | (D)    |                    |  |
| Other Federal farm program payments .....  | 13,177                        | 25                        | 22                               | 1   | 4     | 17     |                    |  |
| farms  | \$1,000                       | 125,100                   | 81                               | 100                                       | (D)   | (D)    |                    |  |
| <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)</b>                |                               |                           |                                  |   |       |        |                    |  |
| Oilseed and grain farming (1111) .....   | 13,370                        | 35                        | 22                               | -   | 10    | 28     |                    |  |
| Vegetable and melon farming (1112) .....   | 1,577                         | 18                        | 3                                | -   | 3     | 9      |                    |  |
| Fruit and tree nut farming (1113) .....  | 2,331                         | 30                        | 6                                | -   | 3     | 6      |                    |  |
| Greenhouse, nursery, and floriculture production (1114) .....                          | 3,146                         | 4                         | 4                                | -   | 4     | 12     |                    |  |
| Other crop farming (1119) .....  | 14,139                        | 29                        | 52                               | 12  | 1     | 26     |                    |  |
| Tobacco farming (11191) .....  | -                             | -                         | -                                | -   | -     | -      |                    |  |
| Cotton farming (11192) .....   | -                             | -                         | -                                | -   | -     | -      |                    |  |
| Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) ..... | 14,139                        | 29                        | 52                               | 12  | 1     | 26     |                    |  |
| Beef cattle ranching and farming (112111) .....  | 4,081                         | 19                        | 6                                | -   | -     | 9      |                    |  |
| Cattle feedlots (112112) .....   | 2,222                         | 2                         | 1                                | -   | 1     | 6      |                    |  |
| Dairy cattle and milk production (11212) .....   | 2,483                         | 1                         | 2                                | -   | -     | 3      |                    |  |
| Hog and pig farming (1122) .....   | 820                           | 13                        | 2                                | -   | -     | 3      |                    |  |
| Poultry and egg production (1123) .....  | 587                           | 4                         | 6                                | -   | 2     | 5      |                    |  |
| Sheep and goat farming (1124) .....  | 931                           | 3                         | 5                                | -   | 1     | 2      |                    |  |
| Animal aquaculture and other animal production (1125, 1129) .....                      | 7,108                         | 26                        | 37                               | 1   | 5     | 38     |                    |  |
| <b>OTHER FARM CHARACTERISTICS</b>  |                               |                           |                                  |   |       |        |                    |  |
| Farms by-  |                               |                           |                                  |   |       |        |                    |  |
| Type of organization:  |                               |                           |                                  |   |       |        |                    |  |
| Family or individual .....   | 47,589                        | 165                       | 142                              | 13  | 21    | 140    |                    |  |
| Partnerships .....   | 3,149                         | 15                        | 3                                | -   | 2     | 3      |                    |  |
| Corporations .....   | 1,804                         | 4                         | 1                                | -   | 6     | 2      |                    |  |
| Other - cooperative, estate or trust, institutional, etc .....                         | 253                           | -                         | -                                | -   | 1     | 2      |                    |  |

--continued

**Table 47. Selected Farm Characteristics by Race of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics   | Principal operator reporting- |                           |                                  |   |       |                    |  |
|---|-------------------------------|---------------------------|----------------------------------|---|-------|--------------------|--|
|   | One race                      |                           |                                  |   |       | More than one race |  |
|   | White                         | Black or African American | American Indian or Alaska Native | Native Hawaiian or Other Pacific Islander | Asian |                    |  |
| <b>OTHER FARM CHARACTERISTICS - Con.</b>                                    |                               |                           |                                  |   |       |                    |  |
| Farms by- Con.  |                               |                           |                                  |   |       |                    |  |
| Number of operators:  |                               |                           |                                  |   |       |                    |  |
| 1 operator .....  | 31,575                        | 115                       | 59                               | 9   | 16    | 59                 |  |
| 2 operators .....   | 17,865                        | 60                        | 77                               | 4   | 9     | 71                 |  |
| 3 operators .....   | 2,353                         | 9                         | 3                                | -   | 2     | 9                  |  |
| 4 operators .....   | 680                           | -                         | 5                                | -   | -     | 8                  |  |
| 5 or more operators .....   | 322                           | -                         | 2                                | -   | 3     | -                  |  |
| Number of women operators:  |                               |                           |                                  |   |       |                    |  |
| 1 woman operator .....  | 19,124                        | 77                        | 84                               | 8   | 17    | 87                 |  |
| 2 women operators .....   | 1,228                         | 1                         | 3                                | -   | -     | 6                  |  |
| 3 women operators .....   | 147                           | -                         | -                                | -   | 1     | 4                  |  |
| 4 women operators .....   | 26                            | -                         | 2                                | -   | -     | -                  |  |
| 5 or more women operators .....   | 16                            | -                         | -                                | -   | -     | -                  |  |
| Farms reporting-  |                               |                           |                                  |   |       |                    |  |
| Computers for farm business .....   | 20,724                        | 61                        | 67                               | 6   | 12    | 67                 |  |
| Internet access .....   | 27,372                        | 73                        | 90                               | 10  | 21    | 97                 |  |
| Principal operator is a hired manager .....                                 | farms                         | 1,005                     | 15                               | 1   | -     | 1                  |  |
|   | acres                         | 392,046                   | (D)                              | (D)                                       | -     | (D)                |  |
| Farms by number of households sharing in net income of farm:                |                               |                           |                                  |   |       |                    |  |
| 1 household .....   | 42,609                        | 135                       | 124                              | 13  | 25    | 126                |  |
| 2 households .....  | 6,761                         | 30                        | 14                               | -   | -     | 10                 |  |
| 3 households .....  | 1,330                         | 2                         | 5                                | -   | 1     | 7                  |  |
| 4 households .....  | 601                           | -                         | 1                                | -   | -     | 1                  |  |
| 5 or more households .....  | 489                           | 2                         | 1                                | -   | 1     | 2                  |  |
| Farms by share of principal operator's total household income from farming: |                               |                           |                                  |   |       |                    |  |
| Less than 25 percent .....  | 35,192                        | 146                       | 113                              | 9   | 22    | 108                |  |
| 25 to 49 percent .....  | 5,241                         | 8                         | 7                                | -   | -     | 6                  |  |
| 50 to 74 percent .....  | 4,701                         | 14                        | 9                                | 1   | -     | 9                  |  |
| 75 to 99 percent .....  | 3,051                         | 8                         | 9                                | 2   | 2     | 11                 |  |
| 100 percent .....   | 4,610                         | 8                         | 8                                | 1   | 6     | 13                 |  |

**Table 48. Women Principal Operators - Selected Farm Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics   | Principal operator |         | Characteristics  | Principal operator |       |
|---|--------------------|---------|--|--------------------|-------|
|   | 2002               | 1997    |  | 2002               | 1997  |
| <b>F FARMS AND LAND IN FARMS</b>  |                    |         |  |                    |       |
| Farms .....   | 5,904              | 4,939   | <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.</b>         |                    |       |
| Land in farms .....   | 438,739            | 434,589 | Fruit and tree nut farming (1113) .....  | 208                | 273   |
| <b>F FARMS BY SIZE</b>  |                    |         | Greenhouse, nursery, and floriculture production (1114) .....                          | 357                | 387   |
| 1 to 9 acres .....  | 728                | 652     | Other crop farming (1119) .....  | 1,460              | 519   |
| 10 to 49 acres .....  | 3,039              | 2,166   | Tobacco farming (11191) .....  | -                  | -     |
| 50 to 179 acres .....   | 1,672              | (NA)    | Cotton farming (11192) .....   | -                  | -     |
| 180 to 499 acres .....  | 366                | (NA)    | Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) ..... | 1,460              | 519   |
| 500 acres or more .....   | 99                 | 117     | Beef cattle ranching and farming (112111) .....  | 300                | 414   |
| <b>OWNED AND RENTED LAND IN FARMS</b>   |                    |         | Cattle feedlots (112112) .....   | 111                | 122   |
| Owned land in farms .....   | 5,769              | 4,728   | Dairy cattle and milk production (11212) .....   | 82                 | 124   |
| farms   | 364,705            | 349,661 | Hog and pig farming (1122) .....   | 67                 | 76    |
| acres   | 792                | 853     | Poultry and egg production (1123) .....  | 90                 | 73    |
| Rented or leased land in farms .....  | 74,034             | 84,928  | Sheep and goat farming (1124) .....  | 276                | 176   |
| farms   |                    |         | Animal aquaculture and other animal production (1125, 1129) .....                      | 2,286              | 1,698 |
| acres   |                    |         |  |                    |       |
| <b>TENURE</b>   |                    |         |  |                    |       |
| Full owners .....   | farms              | 5,112   | <b>OTHER FARM CHARACTERISTICS</b>  |                    |       |
| farms   | 299,605            | 4,086   | Farms by:  |                    |       |
| acres   |                    | 269,804 | Type of organization:  |                    |       |
| Part owners .....   | farms              | 657     | Family or individual .....   | 5,385              | 4,424 |
| farms   | 127,777            | 642     | Partnerships .....   | 217                | 263   |
| Tenants .....   | farms              | 135     | Corporations .....   | 254                | (NA)  |
| farms   | 11,357             | 211     | Other - cooperative, estate or trust, institutional, etc .....                         | 48                 | 42    |
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>         |                    |         |  |                    |       |
| Total .....   | farms              | 5,904   | Number of operators:   |                    |       |
| \$1,000   |                    | (NA)    | 1 operator .....   | 3,122              | (NA)  |
| Market value of agricultural products sold .....                                  | farms              | 5,904   | 2 operators .....  | 2,336              | (NA)  |
| \$1,000   |                    | 4,939   | 3 operators .....  | 319                | (NA)  |
| Crops .....   | farms              | 108,916 | 4 operators .....  | 90                 | (NA)  |
| \$1,000   |                    | 90,074  | 5 or more operators .....  | 37                 | (NA)  |
| Livestock, poultry, and their products .....                                      | farms              | 1,749   | Number of women operators:   |                    |       |
| \$1,000   |                    | 1,919   | 1 woman operator .....   | 5,298              | (NA)  |
| Government payments .....   | farms              | 65,886  | 2 women operators .....  | 521                | (NA)  |
| \$1,000   |                    | 60,927  | 3 women operators .....  | 69                 | (NA)  |
| <b>F FARMS BY ECONOMIC CLASS (SEE TEXT)</b>                                       |                    |         | 4 women operators .....  | 12                 | (NA)  |
| Less than \$1,000 .....   |                    | 2,057   | 5 or more women operators .....  | 4                  | (NA)  |
| \$1,000 to \$2,499 .....  |                    | 2,621   | Farms reporting:   |                    |       |
| \$2,500 to \$4,999 .....  |                    | 1,018   | Computers for farm business .....  | 2,703              | (NA)  |
| \$5,000 to \$9,999 .....  |                    | (NA)    | Internet access .....  | 3,541              | (NA)  |
| \$10,000 to \$24,999 .....  |                    | 712     |  |                    |       |
| \$25,000 to \$49,999 .....  |                    | 562     | Principal operator is a hired manager .....  |                    |       |
| \$50,000 or more .....  |                    | 475     | farms  | 133                | (NA)  |
|   |                    | 216     | acres  | 16,555             | (NA)  |
|   |                    | 300     |  |                    |       |
| <b>COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS</b> |                    |         |  |                    |       |
| CCC loans .....   | farms              | 46      | Farms by number of households sharing in net income of farm:                           |                    |       |
| \$1,000   |                    | 24      | 1 household .....  | 5,061              | (NA)  |
|   |                    | 628     | 2 households .....   | 526                | (NA)  |
| Conservation Reserve and Wetlands Reserve Programs (CRP and WRP) .....            | farms              | 622     | 3 households .....   | 72                 | (NA)  |
| \$1,000   |                    | (NA)    | 4 households .....   | 67                 | (NA)  |
| Other Federal farm program payments .....   | farms              | 1,777   | 5 or more households .....   | 45                 | (NA)  |
| \$1,000   |                    | (NA)    |  |                    |       |
| <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)</b>           |                    |         |  |                    |       |
| Oilseed and grain farming (1111) .....  |                    | 547     | Farms by share of principal operator's total household income from farming:            |                    |       |
| Vegetable and melon farming (1112) .....  |                    | 120     | Less than 25 percent .....   | 4,221              | (NA)  |
|   |                    | 969     | 25 to 49 percent .....   | 528                | (NA)  |
|   |                    | 108     | 50 to 74 percent .....   | 356                | (NA)  |
|   |                    |         | 75 to 99 percent .....   | 195                | (NA)  |
|   |                    |         | 100 percent .....  | 471                | (NA)  |

**Table 49. Spanish, Hispanic, or Latino Origin Principal Operators - Selected Farm Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics  | Principal operator |                | Characteristics | Principal operator   |          |
|--|--------------------|----------------|-----------------|--|----------|
|  | 2002               | 1997           |                 | 2002   | 1997     |
| <b>F FARMS AND LAND IN FARMS</b>   |                    |                |                 |  |          |
| Farms .....  | number<br>acres    | 828<br>139,667 | 315<br>59,368   | <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.</b>         |          |
| Land in farms .....  |                    |                |                 | Fruit and tree nut farming (1113) .....  | 76 41    |
| <b>F FARMS BY SIZE</b>   |                    |                |                 | Greenhouse, nursery, and floriculture production (1114) .....                          | 56 27    |
| 1 to 9 acres .....   | farms<br>acres     | 66<br>295      | 19<br>107       | Other crop farming (1119) .....  | 257 41   |
| 10 to 49 acres .....   |                    |                |                 | Tobacco farming (11191) .....  | - -      |
| 50 to 179 acres .....  |                    |                |                 | Cotton farming (11192) .....   | - -      |
| 180 to 499 acres .....   |                    |                |                 | Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) ..... | 257 41   |
| 500 acres or more .....  |                    |                |                 | Beef cattle ranching and farming (112111) .....  | 48 25    |
| <b>OWNED AND RENTED LAND IN FARMS</b>  |                    |                |                 | Cattle feedlots (112112) .....   | 24 8     |
| Owned land in farms .....  | farms<br>acres     | 811<br>85,791  | 294<br>38,755   | Dairy cattle and milk production (11212) .....   | 34 17    |
| Rented or leased land in farms .....   | farms<br>acres     | 213<br>53,876  | 108<br>20,613   | Hog and pig farming (1122) .....   | 14 8     |
| <b>TENURE</b>  |                    |                |                 | Poultry and egg production (1123) .....  | 8 3      |
| Full owners .....  | farms<br>acres     | 615<br>49,325  | 207<br>22,464   | Sheep and goat farming (1124) .....  | 11 7     |
| Part owners .....  | farms<br>acres     | 196<br>82,108  | 87<br>34,196    | Animal aquaculture and other animal production (1125, 1129) .....                      | 72 46    |
| Tenants .....  | farms<br>acres     | 17<br>8,234    | 21<br>2,708     | <b>OTHER FARM CHARACTERISTICS</b>  |          |
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>          |                    |                |                 |  |          |
| Total .....  | farms<br>\$1,000   | 828<br>48,913  | (NA)<br>(NA)    | Farms by:  |          |
| Market value of agricultural products sold .....                                   | farms<br>\$1,000   | 828<br>47,553  | 315<br>22,244   | Type of organization:  |          |
| Crops .....  | farms<br>\$1,000   | 472<br>39,369  | 211<br>16,770   | Family or individual .....   | 770 278  |
| Livestock, poultry, and their products .....                                       | farms<br>\$1,000   | 201<br>8,183   | 111<br>5,474    | Partnerships .....   | 42 24    |
| Government payments .....  | farms<br>\$1,000   | 227<br>1,360   | (NA)<br>(NA)    | Corporations .....   | 11 (NA)  |
| <b>F FARMS BY ECONOMIC CLASS (SEE TEXT)</b>  |                    |                |                 | Other - cooperative, estate or trust, institutional, etc .....                         | 5 -      |
| Less than \$1,000 .....  |                    | 231            | (NA)            | <b>Number of operators:</b>  |          |
| \$1,000 to \$2,499 .....   |                    | 127            | (NA)            | 1 operator .....   | 542 (NA) |
| \$2,500 to \$4,999 .....   |                    | 98             | (NA)            | 2 operators .....  | 237 (NA) |
| \$5,000 to \$9,999 .....   |                    | 72             | (NA)            | 3 operators .....  | 39 (NA)  |
| \$10,000 to \$24,999 .....   |                    | 87             | (NA)            | 4 operators .....  | 3 (NA)   |
| \$25,000 to \$49,999 .....   |                    | 75             | (NA)            | 5 or more operators .....  | 7 (NA)   |
| \$50,000 or more .....   |                    | 138            | (NA)            | <b>Number of women operators:</b>  |          |
| <b>COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS</b>  |                    |                |                 | 1 woman operator .....   | 269 (NA) |
| CCC loans .....  | farms<br>\$1,000   | 40<br>482      | 6<br>86         | 2 women operators .....  | 20 (NA)  |
| Conservation Reserve and Wetlands Reserve Programs (CRP and WRP) .....             | farms<br>\$1,000   | 102<br>361     | (NA)<br>(NA)    | 3 women operators .....  | - (NA)   |
| Other Federal farm program payments .....  | farms<br>\$1,000   | 137<br>1,000   | (NA)<br>(NA)    | 4 women operators .....  | 3 (NA)   |
| <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)</b>            |                    |                |                 | 5 or more women operators .....  | 4 (NA)   |
| Oilseed and grain farming (1111) .....   |                    | 212            | 75              | <b>Farms reporting-</b>  |          |
| Vegetable and melon farming (1112) .....   |                    | 16             | 17              | Computers for farm business .....  | 270 (NA) |
|  |                    |                |                 | Internet access .....  | 382 (NA) |
| <b>Principal operator is a hired manager</b>                                       |                    |                |                 | <b>Principal operator is a hired manager</b>   |          |
|  |                    |                |                 | farms<br>acres   | 17 (NA)  |
| <b>Farms by number of households sharing in net income of farm:</b>                |                    |                |                 | 16,182 (NA)  |          |
|  |                    |                |                 | 1 household .....  | 633 (NA) |
|  |                    |                |                 | 2 households .....   | 122 (NA) |
|  |                    |                |                 | 3 households .....   | 31 (NA)  |
|  |                    |                |                 | 4 households .....   | 7 (NA)   |
|  |                    |                |                 | 5 or more households .....   | 18 (NA)  |
| <b>Farms by share of principal operator's total household income from farming:</b> |                    |                |                 |  |          |
|  |                    |                |                 | Less than 25 percent .....   | 563 (NA) |
|  |                    |                |                 | 25 to 49 percent .....   | 82 (NA)  |
|  |                    |                |                 | 50 to 74 percent .....   | 76 (NA)  |
|  |                    |                |                 | 75 to 99 percent .....   | 42 (NA)  |
|  |                    |                |                 | 100 percent .....  | 48 (NA)  |

**Table 50. Selected Characteristics of Farms by North American Industry Classification System: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| NAICS code (see text)   | Farms  | Land in farms<br>(acres) | Harvested<br>cropland<br>(acres) | Estimated market value of<br>selected capital assets <sup>1</sup> ,<br>average per farm (dollars) |                            | Market value of agricultural<br>products sold (\$1,000) |           |  |
|---|--------|--------------------------|----------------------------------|---|----------------------------|---|-----------|--|
|   |        |                          |                                  | Land and<br>buildings   | Machinery and<br>equipment | Total   | Crops     | Livestock,<br>poultry, and<br>their products |
| Total .....   | 53,315 | 10,142,958               | 6,827,903                        | 509,299   | 73,910                     | 3,772,435   | 2,362,628 | 1,409,807                                    |
| Crop production (111) .....   | 34,880 | 7,367,104                | 5,241,342                        | 551,696   | 78,629                     | 2,302,416   | 2,230,649 | 71,767                                       |
| Oilseed and grain farming (1111) .....                                | 13,465 | 4,663,094                | 3,898,303                        | 833,223   | 114,829                    | 915,034   | 879,276   | 35,758                                       |
| Soybean farming (11111) .....   | 5,724  | 1,861,571                | 1,615,957                        | 788,865   | 101,697                    | 311,771   | 300,449   | 11,322                                       |
| Oilseed (except soybean) farming (11112) .....                        | 10     | 2,013                    | 962                              | 427,010   | 63,649                     | 97  | (D)       | (D)  |
| Dry pea and bean farming (11113) .....                                | 251    | 116,976                  | 101,055                          | 998,403   | 177,096                    | 30,179  | 29,511    | 668  |
| Wheat farming (11114) .....   | 552    | 72,180                   | 43,748                           | 301,732   | 51,105                     | 7,462   | (D)       | (D)  |
| Corn farming (11115) .....  | 4,125  | 1,751,208                | 1,488,212                        | 1,019,379   | 143,325                    | 387,789   | 370,532   | 17,257                                       |
| Rice farming (11116) .....  | 2,803  | 859,146                  | 648,369                          | 721,131   | 103,184                    | 177,736   | 171,486   | 6,250  |
| Other grain farming (11119) .....                                     | -      | -                        | -                                | -   | -                          | -   | -         | -  |
| Vegetable and melon farming (11121) .....                             | 1,610  | 405,240                  | 287,013                          | 683,152   | 148,280                    | 318,844   | 316,741   | 2,103  |
| Potato farming (111211) .....   | 140    | 130,870                  | 95,135                           | 1,575,676   | 418,165                    | 109,013   | 108,245   | 768  |
| Other vegetable (except potato) and melon<br>farming (111219) .....   | 1,470  | 274,370                  | 191,878                          | 569,450   | 113,898                    | 209,831   | 208,496   | 1,335  |
| Fruit and tree nut farming (1113) .....                               | 2,376  | 283,338                  | 143,115                          | 493,868   | 80,445                     | 180,086   | 179,450   | 636  |
| Orange groves (11131) .....   | -      | -                        | -                                | -   | -                          | -   | -         | -  |
| Citrus (except orange) groves (11132) .....                           | -      | -                        | -                                | -   | -                          | -   | -         | -  |
| Noncitrus fruit and tree nut farming (11133) .....                    | 2,376  | 283,338                  | 143,115                          | 493,868   | 80,445                     | 180,086   | 179,450   | 636  |
| Apple orchards (111331) .....   | 924    | 130,105                  | 70,952                           | 516,595   | 79,454                     | 84,487  | (D)       | (D)  |
| Grape vineyards (111332) .....  | 306    | 24,571                   | 12,546                           | 416,311   | 81,464                     | 12,464  | 12,418    | 45   |
| Strawberry farming (111333) .....                                     | 89     | 6,693                    | 1,851                            | 361,018   | 47,411                     | 1,746   | 1,735     | 11   |
| Berry (except strawberry) farming (111334) .....                      | 542    | 50,467                   | 21,789                           | 408,263   | 84,979                     | 56,356  | 56,308    | 48   |
| Tree nut farming (111335) .....                                       | 9      | 965                      | (D)                              | -   | -                          | 37  | 37        | -  |
| Fruit and tree nut combination<br>farming (111336) .....              | 3      | 360                      | (D)                              | 260,000   | 40,100                     | 25  | (D)       | (D)  |
| Other noncitrus fruit farming (111339) .....                          | 503    | 70,177                   | 35,789                           | 636,091   | 82,119                     | 24,972  | 24,636    | 336  |
| Greenhouse, nursery, and floriculture<br>production (1114) .....      | 3,170  | 250,157                  | 115,232                          | 369,478   | 62,686                     | 655,052   | 654,511   | 541  |
| Food crops grown under cover (11141) .....                            | 37     | 767                      | 166                              | 325,296   | 76,078                     | (D)   | (D)       | 24   |
| Nursery and floriculture production (11142) .....                     | 3,133  | 249,390                  | 115,066                          | 370,058   | 62,507                     | (D)   | (D)       | 517  |
| Nursery and tree production (111421) .....                            | 2,186  | 216,191                  | 102,481                          | 349,728   | 55,602                     | 225,254   | 224,827   | 427  |
| Floriculture production (111422) .....                                | 947    | 33,199                   | 12,585                           | 413,790   | 76,954                     | (D)   | (D)       | 89   |
| Other crop farming (1119) .....                                       | 14,259 | 1,765,275                | 797,679                          | 321,735   | 38,265                     | 233,400   | 200,671   | 32,730                                       |
| Tobacco farming (11191) .....   | -      | -                        | -                                | -   | -                          | -   | -         | -  |
| Cotton farming (11192) .....  | -      | -                        | -                                | -   | -                          | -   | -         | -  |
| Sugarcane farming (11193) .....                                       | -      | -                        | -                                | -   | -                          | -   | -         | -  |
| Hay farming (11194) .....   | 8,185  | 851,406                  | 402,385                          | 298,736   | 34,740                     | 69,830  | 63,008    | 6,822  |
| All other crop farming (11199) .....                                  | 6,074  | 913,869                  | 395,294                          | 353,376   | 43,156                     | 163,570   | 137,663   | 25,908                                       |
| Animal production (112) .....   | 18,435 | 2,775,854                | 1,586,561                        | 431,556   | 64,953                     | 1,470,019   | 131,979   | 1,338,040                                    |
| Cattle ranching and farming (1121) .....                              | 8,836  | 2,113,965                | 1,349,019                        | 571,028   | 92,494                     | 1,037,301   | 97,323    | 939,978                                      |
| Beef cattle ranching and farming,<br>including feedlots (11211) ..... | 6,347  | 937,637                  | 441,367                          | 362,764   | 49,874                     | 220,843   | 37,426    | 183,417                                      |
| Beef cattle ranching and farming (112111) .....                       | 4,115  | 529,252                  | 194,839                          | 336,013   | 44,650                     | 67,469  | 9,892     | 57,577                                       |
| Cattle feedlots (11212) .....   | 2,232  | 408,385                  | 246,528                          | 412,703   | 59,269                     | 153,374   | 27,533    | 125,840                                      |
| Dairy cattle and milk production (11212) .....                        | 2,489  | 1,176,328                | 907,652                          | 1,156,476   | 209,456                    | 816,458   | 59,897    | 756,561                                      |
| Hog and pig farming (1122) .....                                      | 838    | 189,980                  | 139,353                          | 622,462   | 94,260                     | 199,044   | 22,534    | 176,510                                      |
| Poultry and egg production (1123) .....                               | 604    | 51,066                   | 23,310                           | 416,581   | 80,516                     | 153,574   | 4,950     | 148,625                                      |
| Chicken egg production (11231) .....                                  | 306    | 23,580                   | 11,997                           | 401,525   | 79,702                     | 92,764  | 2,754     | 90,009                                       |
| Broilers and other meat-type chicken<br>production (11232) .....      | 72     | 6,666                    | 3,983                            | 461,631   | 254,102                    | 8,337   | 757       | 7,581  |
| Turkey production (11233) .....                                       | 53     | 8,184                    | 5,821                            | 759,044   | 99,644                     | 40,278  | 1,201     | 39,077                                       |
| Poultry hatcheries (11234) .....                                      | 16     | 948                      | (D)                              | 327,717   | (D)                        | (D)   | (D)       | (D)  |
| Other poultry production (11239) .....                                | 157    | 11,688                   | (D)                              | 325,676   | (D)                        | (D)   | (D)       | (D)  |
| Sheep and goat farming (1124) .....                                   | 942    | 50,264                   | 11,276                           | 229,823   | 18,878                     | 4,548   | 435       | 4,113  |
| Sheep farming (11241) .....   | 715    | 42,765                   | 9,911                            | 265,013   | 23,382                     | 3,748   | 407       | 3,341  |
| Goat farming (11242) .....  | 227    | 7,499                    | 1,365                            | 157,475   | 9,619                      | 799   | 27        | 772  |
| Animal aquaculture (1125) .....                                       | 46     | 4,962                    | 67                               | 232,377   | 33,087                     | 3,198   | 13        | 3,184  |
| Other animal production (1129) .....                                  | 7,169  | 365,617                  | 63,536                           | 266,998   | 28,308                     | 72,354  | 6,725     | 65,629                                       |
| Apiculture (11291) .....  | 272    | 7,990                    | 315                              | 118,741   | 26,877                     | 6,731   | (D)       | (D)  |
| Horse and other equine production (11292) .....                       | 5,820  | 212,117                  | 23,650                           | 242,218   | 25,151                     | 22,644  | 674       | 21,970                                       |
| Fur-bearing animal and rabbit<br>production (11293) .....             | 60     | 1,942                    | 317                              | 368,377   | 56,101                     | 1,075   | (D)       | (D)  |
| All other animal production (11299) .....                             | 1,017  | 143,568                  | 39,254                           | 416,948   | 41,050                     | 41,904  | 6,009     | 35,895                                       |

<sup>1</sup> Data are based on a sample of farms.

**Table 51. Institutional, Research, Experimental, and American Indian Reservation Farms: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics  | 2002    | 1997      | Characteristics                                   | 2002    | 1997    |
|--|---------|-----------|---|---------|---------|
| Farms .....  | 36      | (NA)      | Total farm production expenses <sup>1</sup> ..... | \$1,000 | 7,650   |
| Land in farms .....                                      | 24,670  | (NA)      | Average per farm .....                            | dollars | 212,510 |
| Average size of farm .....                               | 685     | (NA)      | Government payments .....                         | farms   | 6       |
| Estimated value of land and buildings <sup>1</sup> ..... | \$1,000 | 45,426    | \$1,000   | \$1,000 | (NA)    |
| Average per farm .....                                   | dollars | (NA)      | Average per farm .....                            | dollars | 256     |
| Average per acre .....                                   | dollars | 1,261,831 | Income from farm-related                          | farms   | (NA)    |
| Estimated market value of all machinery                  |         |           | sources (see text) .....                          | \$1,000 | 9       |
| and equipment <sup>1</sup> .....                         | \$1,000 | 1,841     | Average per farm .....                            | dollars | 183     |
| Land in farms according to use:                          |         | 7,182     | \$1,000   | 20,350  | (NA)    |
| Total cropland .....                                     | farms   | 29        | Average per farm .....                            | dollars | (NA)    |
| Harvested cropland .....                                 | acres   | (NA)      | Tenure of operator:                               |         |         |
| Cropland used only for pasture                           | farms   | 12,833    | Full owners .....                                 |         | 24      |
| or grazing .....   | acres   | (NA)      | Part owners .....                                 |         | 9       |
| Other cropland .....                                     | farms   | 28        | Tenants .....                                     |         | 3       |
|  | acres   | 11,184    | Farms by North American Industry                  |         |         |
| Total woodland .....                                     | farms   | 8         | Classification System:                            |         |         |
| Woodland pastured .....                                  | acres   | (NA)      | Oilseed and grain farming (1111) .....            |         | 7       |
| Woodland not pastured .....                              | farms   | 2         | Vegetable and melon farming (1112) .....          |         | 6       |
|  | acres   | (D)       | Fruit and tree nut farming (1113) .....           |         | 3       |
| Pastureland and rangeland, other                         |         | 16        | Greenhouse, nursery, and floriculture             |         |         |
| than cropland and woodland                               | farms   | (D)       | production (1114) .....                           |         | 1       |
| pastured (see text) .....                                | acres   | (NA)      | Other crop farming (1119) .....                   |         | 4       |
| Land in house lots, ponds, roads,                        |         | 6         | Tobacco farming (11191) .....                     |         | -       |
| wasteland, etc. ....                                     | farms   | (NA)      | Cotton farming (11192) .....                      |         | (NA)    |
| Irrigated land .....                                     | acres   | 599       | Sugarcane farming, hay farming, and all other     |         |         |
| Market value of agricultural products                    |         | 28        | crop farming (11193,11194,11199) .....            |         | 4       |
| sold (see text) .....                                    | \$1,000 | (NA)      | Beef cattle ranching and farming (112111) .....   |         | 2       |
| Average per farm .....                                   | dollars | 4,490     | Cattle feedlots (112112) .....                    |         | 1       |
| Crops .....  | \$1,000 | 175,886   | Dairy cattle and milk production (11212) .....    |         | 4       |
| Livestock, poultry, and their                            |         | 2,092     | Hog and pig farming (1122) .....                  |         | 1       |
| products .....   | \$1,000 | (NA)      | Poultry and egg production (1123) .....           |         | 1       |
|  |         | 4,240     | Sheep and goat farming (1124) .....               |         | -       |
|  |         | (NA)      | Animal aquaculture and other animal               |         |         |
|  |         |           | production (1125,1129) .....                      |         | 6       |
|  |         |           | (NA)  |         |         |

<sup>1</sup> Data are based on a sample of farms.

**Table 52. Selected Operator Characteristics by Race: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics                                      | White                      |                    | Black or African American  |                    | American Indian or Alaska Native |                    |
|--|----------------------------|--------------------|----------------------------|--------------------|----------------------------------|--------------------|
|  | All operators <sup>1</sup> | Principal operator | All operators <sup>1</sup> | Principal operator | All operators <sup>1</sup>       | Principal operator |
| Operators ..... number                               | 77,320                     | 52,795             | 243                        | 184                | 264                              | 146                |
| Sex of operator:                                     |                            |                    |                            |                    |                                  |                    |
| Male .....   | 55,839                     | 46,987             | 180                        | 161                | 162                              | 128                |
| Female .....   | 21,481                     | 5,808              | 63                         | 23                 | 102                              | 18                 |
| Primary occupation:                                  |                            |                    |                            |                    |                                  |                    |
| Farming .....  | 40,174                     | 28,826             | 108                        | 86                 | 137                              | 80                 |
| Other .....  | 37,146                     | 23,969             | 135                        | 98                 | 127                              | 66                 |
| Place of residence:                                  |                            |                    |                            |                    |                                  |                    |
| On farm operated .....                               | 65,845                     | 45,740             | 208                        | 157                | 238                              | 137                |
| Not on farm operated .....                           | 11,475                     | 7,055              | 35                         | 27                 | 26                               | 9                  |
| Days worked off farm:                                |                            |                    |                            |                    |                                  |                    |
| None .....   | 33,423                     | 22,926             | 90                         | 77                 | 93                               | 43                 |
| Any .....  | 43,897                     | 29,869             | 153                        | 107                | 171                              | 103                |
| 1 to 49 days .....                                   | 4,085                      | 2,727              | 13                         | 10                 | 11                               | 4                  |
| 50 to 99 days .....                                  | 2,482                      | 1,582              | 11                         | 4                  | 14                               | 8                  |
| 100 to 199 days .....                                | 5,617                      | 3,468              | 20                         | 19                 | 19                               | 15                 |
| 200 days or more .....                               | 31,713                     | 22,092             | 109                        | 74                 | 127                              | 76                 |
| Years on present farm:                               |                            |                    |                            |                    |                                  |                    |
| 2 years or less .....                                | 3,165                      | 1,519              | 15                         | 12                 | 7                                | 2                  |
| 3 or 4 years .....                                   | 5,657                      | 3,116              | 14                         | 12                 | 32                               | 16                 |
| 5 to 9 years .....                                   | 14,009                     | 8,627              | 63                         | 44                 | 76                               | 42                 |
| 10 years or more .....                               | 54,489                     | 39,533             | 151                        | 116                | 149                              | 86                 |
| Age group:   |                            |                    |                            |                    |                                  |                    |
| Under 25 years .....                                 | 1,716                      | 435                | 3                          | -                  | 3                                | -                  |
| 25 to 34 years .....                                 | 5,142                      | 2,511              | 9                          | 5                  | 24                               | 9                  |
| 35 to 44 years .....                                 | 16,689                     | 10,378             | 36                         | 33                 | 65                               | 34                 |
| 45 to 54 years .....                                 | 22,317                     | 15,041             | 56                         | 40                 | 96                               | 58                 |
| 55 to 64 years .....                                 | 17,119                     | 12,566             | 73                         | 56                 | 52                               | 25                 |
| 65 to 74 years .....                                 | 9,465                      | 7,696              | 39                         | 30                 | 15                               | 13                 |
| 75 years and over .....                              | 4,872                      | 4,168              | 27                         | 20                 | 9                                | 7                  |
| Average age of -                                     |                            |                    |                            |                    |                                  |                    |
| All operators <sup>1</sup> .....                     | 52.0                       | (X)                | 56.6                       | (X)                | 49.1                             | (X)                |
| Principal operator .....                             | (X)                        | 54.2               | (X)                        | 56.7               | (X)                              | 51.3               |
| Second operator .....                                | 48.5                       | (X)                | 53.7                       | (X)                | 46.3                             | (X)                |
| Third operator .....                                 | 40.5                       | (X)                | 71.4                       | (X)                | 47.3                             | (X)                |
| Spanish, Hispanic, or Latino origin (see text) ..... | 1,074                      | 795                | 25                         | 14                 | 27                               | 10                 |
| Race:  |                            |                    |                            |                    |                                  |                    |
| White .....  | 77,320                     | 52,795             | (X)                        | (X)                | (X)                              | (X)                |
| Black or African American .....                      | (X)                        | (X)                | 243                        | 184                | (X)                              | (X)                |
| American Indian or Alaska Native .....               | (X)                        | (X)                | (X)                        | (X)                | 264                              | 146                |
| Native Hawaiian or Other Pacific Islander .....      | (X)                        | (X)                | (X)                        | (X)                | (X)                              | (X)                |
| Asian .....  | (X)                        | (X)                | (X)                        | (X)                | (X)                              | (X)                |
| More than one race reported .....                    | (X)                        | (X)                | (X)                        | (X)                | (X)                              | (X)                |
| Living on an American Indian Reservation .....       | 146                        | 66                 | 15                         | 5                  | 8                                | 5                  |
| Number of persons living in household of-            |                            |                    |                            |                    |                                  |                    |
| Principal operator .....                             | (X)                        | 150,170            | (X)                        | 452                | (X)                              | 471                |
| Second operator .....                                | 18,261                     | (X)                | 73                         | (X)                | 44                               | (X)                |
| Third operator .....                                 | 4,847                      | (X)                | 13                         | (X)                | 19                               | (X)                |

See footnote(s) at end of table.

--continued

**Table 52. Selected Operator Characteristics by Race: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics                                      | Native Hawaiian or Other Pacific Islander |                    | Asian                      |                    | More than one race reported |                    |
|--|---|--------------------|----------------------------|--------------------|-----------------------------|--------------------|
|  | All operators <sup>1</sup>                | Principal operator | All operators <sup>1</sup> | Principal operator | All operators <sup>1</sup>  | Principal operator |
| Operators ..... number                               | 25  | 13                 | 76                         | 30                 | 265                         | 147                |
| Sex of operator:                                     |   |                    |                            |                    |                             |                    |
| Male .....   | 9   | 7                  | 34                         | 21                 | 142                         | 107                |
| Female .....   | 16  | 6                  | 42                         | 9                  | 123                         | 40                 |
| Primary occupation:                                  |   |                    |                            |                    |                             |                    |
| Farming .....  | 6   | 5                  | 20                         | 13                 | 107                         | 61                 |
| Other .....  | 19  | 8                  | 56                         | 17                 | 158                         | 86                 |
| Place of residence:                                  |   |                    |                            |                    |                             |                    |
| On farm operated .....                               | 22  | 11                 | 50                         | 14                 | 229                         | 133                |
| Not on farm operated .....                           | 3   | 2                  | 26                         | 16                 | 36                          | 14                 |
| Days worked off farm:                                |   |                    |                            |                    |                             |                    |
| None .....   | 1   | 1                  | 16                         | 9                  | 88                          | 53                 |
| Any .....  | 24  | 12                 | 60                         | 21                 | 177                         | 94                 |
| 1 to 49 days .....                                   | -   | -                  | 3                          | 1                  | 21                          | 9                  |
| 50 to 99 days .....                                  | 3   | -                  | 2                          | -                  | 9                           | 4                  |
| 100 to 199 days .....                                | 4   | -                  | 4                          | 2                  | 25                          | 6                  |
| 200 days or more .....                               | 17  | 12                 | 51                         | 18                 | 122                         | 75                 |
| Years on present farm:                               |   |                    |                            |                    |                             |                    |
| 2 years or less .....                                | 1   | -                  | 6                          | 3                  | 7                           | 1                  |
| 3 or 4 years .....                                   | 8   | 6                  | 7                          | 2                  | 13                          | 2                  |
| 5 to 9 years .....                                   | 5   | -                  | 29                         | 14                 | 77                          | 50                 |
| 10 years or more .....                               | 11  | 7                  | 34                         | 11                 | 168                         | 94                 |
| Age group:   |   |                    |                            |                    |                             |                    |
| Under 25 years .....                                 | 1   | -                  | 5                          | -                  | 11                          | -                  |
| 25 to 34 years .....                                 | 9   | 4                  | 8                          | 1                  | 15                          | 2                  |
| 35 to 44 years .....                                 | 7   | 3                  | 21                         | 15                 | 46                          | 26                 |
| 45 to 54 years .....                                 | 4   | 4                  | 23                         | 9                  | 125                         | 75                 |
| 55 to 64 years .....                                 | 4   | 2                  | 15                         | 5                  | 45                          | 26                 |
| 65 to 74 years .....                                 | -   | -                  | 4                          | -                  | 21                          | 17                 |
| 75 years and over .....                              | -   | -                  | -                          | -                  | 2                           | 1                  |
| Average age of -                                     |   |                    |                            |                    |                             |                    |
| All operators <sup>1</sup> .....                     | 41.7                                      | (X)                | 45.2                       | (X)                | 49.0                        | (X)                |
| Principal operator .....                             | (X)                                       | 44.7               | (X)                        | 45.0               | (X)                         | 51.9               |
| Second operator .....                                | (D)                                       | (X)                | 48.2                       | (X)                | 47.3                        | (X)                |
| Third operator .....                                 | (D)                                       | (X)                | 21.6                       | (X)                | 31.2                        | (X)                |
| Spanish, Hispanic, or Latino origin (see text) ..... | 5   | 4                  | 7                          | 5                  | 7                           | -                  |
| Race:  |   |                    |                            |                    |                             |                    |
| White .....  | (X)                                       | (X)                | (X)                        | (X)                | (X)                         | (X)                |
| Black or African American .....                      | (X)                                       | (X)                | (X)                        | (X)                | (X)                         | (X)                |
| American Indian or Alaska Native .....               | (X)                                       | (X)                | (X)                        | (X)                | (X)                         | (X)                |
| Native Hawaiian or Other Pacific Islander .....      | 25  | 13                 | (X)                        | (X)                | (X)                         | (X)                |
| Asian .....  | (X)                                       | (X)                | 76                         | 30                 | (X)                         | (X)                |
| More than one race reported .....                    | (X)                                       | (X)                | (X)                        | (X)                | 265                         | 147                |
| Living on an American Indian Reservation .....       | -   | -                  | -                          | -                  | -                           | -                  |
| Number of persons living in household of-            |   |                    |                            |                    |                             |                    |
| Principal operator .....                             | (X)                                       | 27                 | (X)                        | 106                | (X)                         | 427                |
| Second operator .....                                | -   | (X)                | 18                         | (X)                | 77                          | (X)                |
| Third operator .....                                 | -   | (X)                | 8                          | (X)                | 18                          | (X)                |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 53. Women Operators - Selected Operator Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics                      | All operators<br>2002 <sup>1</sup> | Principal operator |       | Characteristics                                 | All operators<br>2002 <sup>1</sup> | Principal operator |       |
|--------------------------------------|------------------------------------|--------------------|-------|---|------------------------------------|--------------------|-------|
|                                      |                                    | 2002               | 1997  |   |                                    | 2002               | 1997  |
| Operators <sup>2</sup> ..... number  | 21,827                             | 5,904              | 4,939 | Age group - Con.                                |                                    |                    |       |
| Sex of operator:                     |                                    |                    |       | 35 to 44 years .....                            | 5,314                              | 1,281              | 1,253 |
| Male .....                           | (X)                                | (X)                | (X)   | 45 to 54 years .....                            | 6,965                              | 1,977              | 1,237 |
| Female .....                         | 21,827                             | 5,904              | 4,939 | 55 to 64 years .....                            | 4,500                              | 1,134              | (NA)  |
| Primary occupation:                  |                                    |                    |       | 65 to 74 years .....                            | 1,831                              | 607                | (NA)  |
| Farming .....                        | 9,740                              | 3,088              | 2,087 | 75 years and over .....                         | 969                                | 553                | (NA)  |
| Other .....                          | 12,087                             | 2,816              | 2,852 | Average age of -                                |                                    |                    |       |
| Place of residence <sup>3</sup> :    |                                    |                    |       | All operators <sup>1</sup> .....                | 49.9                               | (X)                | (X)   |
| On farm operated .....               | 19,520                             | 5,241              | 4,102 | Principal operator .....                        | (X)                                | 53.1               | 53.1  |
| Not on farm operated .....           | 2,307                              | 663                | 492   | Second operator .....                           | 49.3                               | (X)                | (X)   |
| Days worked off farm <sup>3</sup> :  |                                    |                    |       | Third operator .....                            | 42.2                               | (X)                | (X)   |
| None .....                           | 9,572                              | 2,924              | 2,137 | Spanish, Hispanic, or                           |                                    |                    |       |
| Any .....                            | 12,255                             | 2,980              | 2,596 | Latino origin (see text) .....                  | 282                                | 98                 | 35    |
| 1 to 49 days .....                   | 1,186                              | 308                | (NA)  | Race:   |                                    |                    |       |
| 50 to 99 days .....                  | 861                                | 219                | (NA)  | White .....                                     | 21,481                             | 5,808              | (NA)  |
| 100 to 199 days .....                | 2,120                              | 473                | 510   | Black or African American .....                 | 63                                 | 23                 | (NA)  |
| 200 days or more .....               | 8,088                              | 1,980              | 1,734 | American Indian or Alaska Native .....          | 102                                | 18                 | (NA)  |
| Years on present farm <sup>3</sup> : |                                    |                    |       | Native Hawaiian or Other Pacific Islander ..... | 16                                 | 6                  | (NA)  |
| 2 years or less .....                | 1,226                              | 282                | 322   | Asian .....                                     | 42                                 | 9                  | (NA)  |
| 3 or 4 years .....                   | 2,070                              | 585                | 441   | More than one race reported .....               | 123                                | 40                 | (NA)  |
| 5 to 9 years .....                   | 4,872                              | 1,286              | 896   | Living on an American Indian reservation .....  | 66                                 | 13                 | (NA)  |
| 10 years or more .....               | 13,859                             | 3,751              | 2,432 | Number of persons living in household of-       |                                    |                    |       |
| Age group:                           |                                    |                    |       | Principal operator .....                        | (X)                                | 14,930             | (NA)  |
| Under 25 years .....                 | 608                                | 54                 | 43    | Second operator .....                           | 5,275                              | (X)                | (NA)  |
| 25 to 34 years .....                 | 1,640                              | 298                | 347   | Third operator .....                            | 1,149                              | (X)                | (NA)  |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

<sup>2</sup> Data for all operators are reported for a maximum of three operators per farm.

<sup>3</sup> Data for 1997 do not include imputation for item nonresponse.

**Table 54. Spanish, Hispanic, or Latino Origin Operators - Selected Operator Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics                      | All operators<br>2002 <sup>1</sup> | Principal operator |      | Characteristics                                 | All operators<br>2002 <sup>1</sup> | Principal operator |      |
|--------------------------------------|------------------------------------|--------------------|------|---|------------------------------------|--------------------|------|
|                                      |                                    | 2002               | 1997 |   |                                    | 2002               | 1997 |
| Operators ..... number               | 1,145                              | 828                | 315  | Age group - Con.                                |                                    |                    |      |
| Sex of operator:                     |                                    |                    |      | 35 to 44 years .....                            | 246                                | 162                | 53   |
| Male .....                           | 863                                | 730                | 280  | 45 to 54 years .....                            | 317                                | 238                | 90   |
| Female .....                         | 282                                | 98                 | 35   | 55 to 64 years .....                            | 190                                | 147                | (NA) |
| Primary occupation:                  |                                    |                    |      | 65 to 74 years .....                            | 160                                | 140                | (NA) |
| Farming .....                        | 624                                | 516                | 166  | 75 years and over .....                         | 121                                | 110                | (NA) |
| Other .....                          | 521                                | 312                | 149  | Average age of -                                |                                    |                    |      |
| Place of residence <sup>2</sup> :    |                                    |                    |      | All operators <sup>1</sup> .....                | 53.3                               | (X)                | (X)  |
| On farm operated .....               | 977                                | 736                | 258  | Principal operator .....                        | (X)                                | 56.4               | 53.3 |
| Not on farm operated .....           | 168                                | 92                 | 45   | Second operator .....                           | 47.5                               | (X)                | (X)  |
| Days worked off farm <sup>2</sup> :  |                                    |                    |      | Third operator .....                            | 35.4                               | (X)                | (X)  |
| None .....                           | 480                                | 363                | 129  | Spanish, Hispanic, or                           |                                    |                    |      |
| Any .....                            | 665                                | 465                | 175  | Latino origin (see text) .....                  | 1,145                              | 828                | 315  |
| 1 to 49 days .....                   | 75                                 | 50                 | (NA) | Race:   |                                    |                    |      |
| 50 to 99 days .....                  | 35                                 | 21                 | (NA) | White .....                                     | 1,074                              | 795                | (NA) |
| 100 to 199 days .....                | 98                                 | 71                 | 21   | Black or African American .....                 | 25                                 | 14                 | (NA) |
| 200 days or more .....               | 457                                | 323                | 122  | American Indian or Alaska Native .....          | 27                                 | 10                 | (NA) |
| Years on present farm <sup>2</sup> : |                                    |                    |      | Native Hawaiian or Other Pacific Islander ..... | 5                                  | 4                  | (NA) |
| 2 years or less .....                | 62                                 | 16                 | 16   | Asian .....                                     | 7                                  | 5                  | (NA) |
| 3 or 4 years .....                   | 58                                 | 32                 | 33   | More than one race reported .....               | 7                                  | -                  | (NA) |
| 5 to 9 years .....                   | 228                                | 141                | 27   | Living on an American Indian reservation .....  | 18                                 | 8                  | (NA) |
| 10 years or more .....               | 797                                | 639                | 191  | Number of persons living in household of-       |                                    |                    |      |
| Age group:                           |                                    |                    |      | Principal operator .....                        | (X)                                | 2,419              | (NA) |
| Under 25 years .....                 | 26                                 | 4                  | 4    | Second operator .....                           | 320                                | (X)                | (NA) |
| 25 to 34 years .....                 | 85                                 | 27                 | 30   | Third operator .....                            | 44                                 | (X)                | (NA) |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

<sup>2</sup> Data for 1997 do not include imputation for item nonresponse.

**Table 55. Summary by Size of Farm: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total   | 1 to 9 acres | 10 to 49 acres | 50 to 69 acres | 70 to 99 acres | 100 to 139 acres |
|---|---------|--------------|----------------|----------------|----------------|------------------|
| <b>F FARMS AND LAND IN FARMS</b>  |         |              |                |                |                |                  |
| Farms .....   | number  | 53,315       | 3,235          | 18,663         | 4,425          | 6,444            |
|   | percent | 100.0        | 6.1            | 35.0           | 8.3            | 12.1             |
| Land in farms .....   | acres   | 10,142,958   | 15,635         | 506,880        | 257,982        | 523,738          |
| Average size of farm .....  | acres   | 190          | 5              | 27             | 58             | 81               |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |         |              |                |                |                |                  |
| Total (see text) .....  | farms   | 53,315       | 3,235          | 18,663         | 4,425          | 6,444            |
|   | \$1,000 | 3,917,205    | 113,569        | 386,643        | 98,902         | 122,932          |
| Average per farm .....  | dollars | 73,473       | 35,106         | 20,717         | 22,351         | 19,077           |
| Farms by economic class:  |         |              |                |                |                |                  |
| Less than \$1,000 (see text) .....  |         | 13,657       | 1,288          | 7,963          | 1,208          | 1,497            |
| \$1,000 to \$2,499 .....  |         | 7,864        | 630            | 4,212          | 906            | 1,024            |
| \$2,500 to \$4,999 .....  |         | 5,594        | 351            | 2,326          | 662            | 1,041            |
| \$5,000 to \$9,999 .....  |         | 5,590        | 310            | 1,848          | 668            | 1,011            |
| \$10,000 to \$24,999 .....  |         | 6,602        | 238            | 1,196          | 642            | 1,185            |
| \$25,000 to \$49,999 .....  |         | 4,082        | 113            | 500            | 150            | 337              |
| \$50,000 to \$99,999 .....  |         | 3,235        | 90             | 271            | 98             | 193              |
| \$100,000 to \$249,999 .....  |         | 3,271        | 93             | 158            | 62             | 109              |
| \$250,000 to \$499,999 .....  |         | 1,874        | 61             | 65             | 13             | 26               |
| \$500,000 to \$999,999 .....  |         | 946          | 42             | 49             | 3              | 11               |
| \$1,000,000 or more .....   |         | 600          | 19             | 75             | 13             | 10               |
| \$1,000,000 to \$2,499,999 .....  |         | 448          | 16             | 47             | 7              | 7                |
| \$2,500,000 to \$4,999,999 .....  |         | 96           | 3              | 21             | 5              | 3                |
| \$5,000,000 or more .....   |         | 56           | -              | 7              | 1              | 3                |
| Total sales (see text) .....  | farms   | 53,315       | 3,235          | 18,663         | 4,425          | 6,444            |
|   | \$1,000 | 3,772,435    | 113,218        | 382,442        | 96,682         | 118,305          |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | farms   | 16,819       | 67             | 2,322          | 998            | 1,752            |
|   | \$1,000 | 990,921      | 101            | 7,710          | 6,420          | 14,415           |
| Sales of \$50,000 or more .....   | farms   | 4,487        | -              | -              | 1              | 1                |
|   | \$1,000 | 830,230      | -              | -              | (D)            | (D)              |
| Tobacco .....   | farms   | -            | -              | -              | -              | -                |
|   | \$1,000 | -            | -              | -              | -              | -                |
| Sales of \$50,000 or more .....   | farms   | -            | -              | -              | -              | -                |
|   | \$1,000 | -            | -              | -              | -              | -                |
| Cotton and cottonseed .....   | farms   | -            | -              | -              | -              | -                |
|   | \$1,000 | -            | -              | -              | -              | -                |
| Sales of \$50,000 or more .....   | farms   | -            | -              | -              | -              | -                |
|   | \$1,000 | -            | -              | -              | -              | -                |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | farms   | 2,676        | 172            | 821            | 198            | 284              |
|   | \$1,000 | 322,510      | 1,093          | 10,301         | 3,945          | 8,464            |
| Sales of \$50,000 or more .....   | farms   | 743          | 1              | 33             | 25             | 55               |
|   | \$1,000 | 301,520      | (D)            | 2,715          | (D)            | 6,181            |
| Fruits, tree nuts, and berries .....  | farms   | 2,797        | 186            | 955            | 246            | 375              |
|   | \$1,000 | 181,469      | 719            | 12,079         | 5,783          | 11,826           |
| Sales of \$50,000 or more .....   | farms   | 610          | -              | 38             | 38             | 81               |
|   | \$1,000 | 157,280      | -              | 3,097          | 3,278          | 8,195            |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | farms   | 2,185        | 592            | 916            | 144            | 152              |
|   | \$1,000 | 628,699      | 80,234         | 208,683        | 53,741         | 31,548           |
| Sales of \$50,000 or more .....   | farms   | 923          | 232            | 359            | 57             | 68               |
|   | \$1,000 | 610,982      | 76,080         | 200,584        | 52,331         | 30,336           |
| Cut Christmas trees and short-rotation woody crops .....                    | farms   | 1,076        | 59             | 354            | 82             | 135              |
|   | \$1,000 | 30,411       | 110            | 1,724          | 648            | 1,785            |
| Sales of \$50,000 or more .....   | farms   | 100          | -              | 3              | 3              | 7                |
|   | \$1,000 | 23,657       | -              | 185            | 201            | 661              |
| Other crops and hay (see text) .....  | farms   | 12,504       | 70             | 3,041          | 1,070          | 1,638            |
|   | \$1,000 | 208,618      | 86             | 6,701          | 4,169          | 8,042            |
| Sales of \$50,000 or more .....   | farms   | 877          | -              | -              | 4              | 6                |
|   | \$1,000 | 134,739      | -              | -              | (D)            | (D)              |
| Cattle and calves .....   | farms   | 11,293       | 391            | 2,027          | 673            | 1,240            |
|   | \$1,000 | 298,517      | 4,381          | 29,919         | 5,202          | 8,985            |
| Sales of \$50,000 or more .....   | farms   | 997          | 13             | 43             | 12             | 16               |
|   | \$1,000 | 205,745      | 2,606          | 21,343         | 1,890          | 2,244            |
| Milk and other dairy products from cows .....                               | farms   | 2,738        | 27             | 112            | 79             | 187              |
|   | \$1,000 | 697,920      | 4,307          | 35,066         | 8,322          | 14,562           |
| Sales of \$50,000 or more .....   | farms   | 1,966        | 13             | 37             | 12             | 50               |
|   | \$1,000 | 679,809      | (D)            | 33,873         | 7,111          | 11,679           |
| Hogs and pigs .....   | farms   | 2,336        | 211            | 661            | 180            | 268              |
|   | \$1,000 | 200,027      | 12,676         | 17,426         | 2,670          | 3,615            |
| Sales of \$50,000 or more .....   | farms   | 370          | 19             | 36             | 14             | 12               |
|   | \$1,000 | 192,340      | 12,132         | 16,099         | 2,107          | 2,666            |
| Sheep, goats, and their products .....                                      | farms   | 2,307        | 237            | 1,000          | 187            | 276              |
|   | \$1,000 | 6,613        | 261            | 1,755          | (D)            | (D)              |
| Sales of \$50,000 or more .....   | farms   | 19           | -              | 5              | -              | 2                |
|   | \$1,000 | 2,423        | -              | 694            | -              | (D)              |
| Horses, ponies, mules, burros, and donkeys .....                            | farms   | 3,286        | 346            | 1,781          | 289            | 314              |
|   | \$1,000 | 23,743       | 1,464          | 12,904         | 1,811          | 1,934            |
| Sales of \$50,000 or more .....   | farms   | 54           | -              | 22             | 6              | 5                |
|   | \$1,000 | 8,731        | -              | 4,489          | 552            | 494              |
| Poultry and eggs .....  | farms   | 2,206        | 228            | 942            | 200            | 292              |
|   | \$1,000 | 146,700      | 2,790          | 17,046         | 2,392          | 10,289           |
| Sales of \$50,000 or more .....   | farms   | 80           | 8              | 11             | 4              | 7                |
|   | \$1,000 | 144,455      | 2,462          | 16,412         | (D)            | 10,086           |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | 140 to 179 acres   | 180 to 219 acres               | 220 to 259 acres               | 260 to 499 acres                 | 500 to 999 acres                 | 1,000 to 1,999 acres               | 2,000 or more acres              |
|---|--|--------------------------------|--------------------------------|----------------------------------|----------------------------------|------------------------------------|----------------------------------|
| <b>F FARMS AND LAND IN FARMS</b>  |  |                                |                                |                                  |                                  |                                    |                                  |
| Farms .....   | number<br>3,163<br>percent<br>5.9<br>acres<br>497,561<br>Average size of farm<br>157 | 2,084<br>3.9<br>411,090<br>197 | 1,618<br>3.0<br>383,752<br>237 | 4,291<br>8.0<br>1,525,932<br>356 | 2,856<br>5.4<br>1,981,384<br>694 | 1,468<br>2.8<br>1,968,565<br>1,341 | 495<br>0.9<br>1,539,125<br>3,109 |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |  |                                |                                |                                  |                                  |                                    |                                  |
| Total (see text) .....  | farms<br>\$1,000<br>Average per farm<br>dollars<br>36,814                            | 3,163<br>116,441<br>55,076     | 2,084<br>114,777<br>53,128     | 1,618<br>85,961<br>118,999       | 4,291<br>510,625<br>265,562      | 2,856<br>758,444<br>536,551        | 1,468<br>787,656<br>691,746      |
| Farms by economic class:  |  |                                |                                |                                  |                                  |                                    |                                  |
| Less than \$1,000 (see text) .....  | 361  | 184                            | 128                            | 167                              | 66                               | 10                                 | -                                |
| \$1,000 to \$2,499 .....  | 286  | 106                            | 45                             | 122                              | 27                               | 6                                  | 1                                |
| \$2,500 to \$4,999 .....  | 282  | 126                            | 79                             | 112                              | 24                               | 3                                  | 3                                |
| \$5,000 to \$9,999 .....  | 458  | 211                            | 139                            | 202                              | 40                               | 9                                  | 1                                |
| \$10,000 to \$24,999 .....  | 777  | 518                            | 303                            | 465                              | 88                               | 6                                  | -                                |
| \$25,000 to \$49,999 .....  | 636  | 521                            | 450                            | 772                              | 118                              | 20                                 | 1                                |
| \$50,000 to \$99,999 .....  | 201  | 237                            | 287                            | 1,235                            | 393                              | 32                                 | 2                                |
| \$100,000 to \$249,999 .....  | 115  | 126                            | 135                            | 821                              | 1,238                            | 301                                | 9                                |
| \$250,000 to \$499,999 .....  | 36   | 35                             | 40                             | 268                              | 564                              | 654                                | 71                               |
| \$500,000 to \$999,999 .....  | 8  | 11                             | 9                              | 91                               | 206                              | 292                                | 214                              |
| \$1,000,000 or more .....   | 3  | 9                              | 3                              | 36                               | 92                               | 135                                | 193                              |
| \$1,000,000 to \$2,499,999 .....  | -  | 4                              | 3                              | 25                               | 82                               | 104                                | 146                              |
| \$2,500,000 to \$4,999,999 .....  | 2  | 3                              | -                              | 7                                | 6                                | 22                                 | 24                               |
| \$5,000,000 or more .....   | 1  | 2                              | -                              | 4                                | 4                                | 9                                  | 23                               |
| Total sales (see text) .....  | farms<br>\$1,000<br>112,104  | 3,163<br>110,865               | 2,084<br>81,677                | 1,618<br>487,308                 | 4,291<br>724,977                 | 2,856<br>753,407                   | 1,468<br>666,530                 |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | farms<br>\$1,000<br>22,847   | 1,376<br>22,129                | 1,047<br>23,599                | 915<br>118,109                   | 2,713<br>218,146                 | 2,229<br>284,537                   | 1,306<br>253,983                 |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>951  | 15<br>951                      | 48<br>2,946                    | 98<br>6,300                      | 1,075<br>80,300                  | 1,624<br>204,130                   | 1,172<br>281,650                 |
| Tobacco .....   | farms<br>\$1,000   | -                              | -                              | -                                | -                                | -                                  | -                                |
| Sales of \$50,000 or more .....   | farms<br>\$1,000   | -                              | -                              | -                                | -                                | -                                  | -                                |
| Cotton and cottonseed .....   | farms<br>\$1,000   | -                              | -                              | -                                | -                                | -                                  | -                                |
| Sales of \$50,000 or more .....   | farms<br>\$1,000   | -                              | -                              | -                                | -                                | -                                  | -                                |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | farms<br>\$1,000<br>7,395  | 123<br>9,838                   | 103<br>7,465                   | 85<br>41,762                     | 276<br>64,871                    | 214<br>54,858                      | 134<br>105,638                   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>6,411  | 45<br>8,664                    | 35<br>6,605                    | 31<br>39,631                     | 146<br>63,742                    | 147<br>54,370                      | 109<br>105,530                   |
| Fruits, tree nuts, and berries .....  | farms<br>\$1,000<br>11,358   | 170<br>12,831                  | 133<br>7,080                   | 79<br>34,439                     | 214<br>44,278                    | 136<br>14,916                      | 49<br>14,889                     |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>9,808  | 60<br>11,820                   | 56<br>6,496                    | 38<br>32,545                     | 115<br>43,762                    | 85<br>14,533                       | 23<br>14,832                     |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | farms<br>\$1,000<br>32,696   | 59<br>19,002                   | 44<br>(D)                      | 26<br>71,599                     | 80<br>21,259                     | 40<br>26,187                       | 23<br>(D)                        |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>32,128   | 31<br>18,657                   | 24<br>(D)                      | 10<br>71,146                     | 49<br>20,996                     | 21<br>26,091                       | 19<br>(D)                        |
| Cut Christmas trees and short-rotation woody crops .....                    | farms<br>\$1,000<br>1,526  | 69<br>842                      | 48<br>(D)                      | 38<br>4,640                      | 98<br>4,995                      | 44<br>6,307                        | 21<br>(D)                        |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>1,018  | 11<br>(D)                      | 3<br>469                       | 29<br>3,779                      | 21<br>4,735                      | 21<br>6,270                        | 10<br>(D)                        |
| Other crops and hay (see text) .....  | farms<br>\$1,000<br>7,621  | 998<br>6,983                   | 686<br>7,638                   | 565<br>25,577                    | 1,451<br>39,199                  | 935<br>46,678                      | 528<br>47,490                    |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>754  | 12<br>886                      | 13<br>2,145                    | 29<br>9,914                      | 128<br>30,793                    | 296<br>42,833                      | 259<br>46,727                    |
| Cattle and calves .....   | farms<br>\$1,000<br>10,475   | 965<br>10,172                  | 688<br>8,532                   | 580<br>38,341                    | 1,726<br>55,479                  | 1,219<br>58,337                    | 531<br>58,277                    |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>2,555  | 21<br>3,291                    | 26<br>2,840                    | 31<br>18,119                     | 165<br>38,796                    | 293<br>51,801                      | 259<br>57,510                    |
| Milk and other dairy products from cows .....                               | farms<br>\$1,000<br>12,507   | 178<br>16,963                  | 154<br>14,760                  | 160<br>120,147                   | 703<br>186,618                   | 634<br>181,856                     | 259<br>86,574                    |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>10,247   | 84<br>15,368                   | 92<br>13,181                   | 104<br>116,910                   | 591<br>185,623                   | 598<br>181,668                     | 253<br>(D)                       |
| Hogs and pigs .....   | farms<br>\$1,000<br>3,332  | 143<br>8,901                   | 100<br>3,016                   | 72<br>15,401                     | 217<br>38,948                    | 185<br>44,926                      | 81<br>35,813                     |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>2,587  | 12<br>8,533                    | 13<br>2,652                    | 12<br>14,336                     | 51<br>38,074                     | 91<br>44,758                       | 58<br>35,740                     |
| Sheep, goats, and their products .....                                      | farms<br>\$1,000<br>(D)  | 100<br>(D)                     | 59<br>(D)                      | 57<br>894                        | 132<br>631                       | 70<br>849                          | 36<br>(D)                        |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>(D)  | -<br>(D)                       | 1<br>-                         | 2<br>(D)                         | 2<br>243                         | 3<br>243                           | 4<br>726                         |
| Horses, ponies, mules, burros, and donkeys .....                            | farms<br>\$1,000<br>906  | 116<br>778                     | 54<br>1,208                    | 36<br>558                        | 89<br>(D)                        | 34<br>2                            | 14<br>3                          |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>(D)  | 2<br>590                       | 4<br>1,024                     | 4<br>(D)                         | 2<br>(D)                         | 2<br>41                            | -<br>431                         |
| Poultry and eggs .....  | farms<br>\$1,000<br>737  | 100<br>1,527                   | 62<br>(D)                      | 44<br>14,425                     | 104<br>49,847                    | 41<br>49,822                       | 20<br>32,805                     |
| Sales of \$50,000 or more .....   | farms<br>\$1,000<br>610  | 3<br>1,445                     | 3<br>5                         | 2<br>(D)                         | 12<br>14,168                     | 15<br>49,822                       | 8<br>32,742                      |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total            | 1 to 9 acres | 10 to 49 acres | 50 to 69 acres | 70 to 99 acres | 100 to 139 acres |
|--|------------------|--------------|----------------|----------------|----------------|------------------|
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>                       |                  |              |                |                |                |                  |
| Total (see text) - Con.  |                  |              |                |                |                |                  |
| Total sales (see text) - Con.  |                  |              |                |                |                |                  |
| Aquaculture (see text) .... farms \$1,000  | 83 3,316         | 12 90        | 30 1,119       | 11 (D)         | 4 (D)          | 10 (D)           |
| Sales of \$50,000 or more .... farms \$1,000   | 12 -             | -            | 4 840          | 1 (D)          | 2 (D)          | 3 (D)            |
| Other animals and other animal products (see text) .... farms \$1,000                                  | 1,152 32,972     | 219 4,905    | 471 20,099     | 88 798         | 107 2,010      | 77 951           |
| Sales of \$50,000 or more .... farms \$1,000   | 92 28,313        | 17 3,738     | 28 18,309      | 7 590          | 7 1,584        | 7 744            |
| Government payments .... farms \$1,000   | 18,133 144,771   | 139 351      | 3,050 4,201    | 1,225 2,221    | 2,199 4,627    | 1,714 4,588      |
| Value of - Certified organically produced commodities (see text) .... farms \$1,000                    | 283 7,019        | 5 (D)        | 70 174         | 18 (D)         | 44 257         | 31 136           |
| Landlord's share of total sales (see text) .... farms \$1,000  | 2,262 46,690     | 20 40        | 137 373        | 101 321        | 152 736        | 171 1,384        |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000 | 4,925 37,269     | 447 2,057    | 1,839 7,025    | 428 2,477      | 645 4,837      | 418 3,687        |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |                  |              |                |                |                |                  |
| Total farm production expenses .... farms \$1,000  | 53,296 3,333,716 | 3,210 98,441 | 18,393 410,876 | 4,760 98,363   | 6,617 121,539  | 4,590 121,519    |
| Average per farm .... dollars  | 62,551           | 30,667       | 22,339         | 20,665         | 18,368         | 26,475           |
| Fertilizer, lime, and soil conditioners purchased .... farms \$1,000                                   | 28,156 241,158   | 987 1,072    | 6,320 5,848    | 2,191 2,640    | 3,170 4,680    | 2,741 6,219      |
| Farms with expenses of- \$1 to \$4,999 ..... 19,937  | 948              | 6,178        | 2,163          | 3,060          | 2,447          |                  |
| \$5,000 to \$24,999 ..... 5,689  | 33               | 125          | 24             | 106            | 292            |                  |
| \$25,000 to \$49,999 ..... 1,527   | 3                | 7            | 2              | 3              | 1              |                  |
| \$50,000 or more ..... 1,003   | 3                | 10           | 2              | 1              | 1              |                  |
| Chemicals purchased .... farms \$1,000   | 23,602 181,198   | 952 943      | 5,169 4,588    | 1,912 2,354    | 2,667 4,119    | 2,214 5,199      |
| Farms with expenses of- \$1 to \$4,999 ..... 17,185  | 917              | 5,007        | 1,818          | 2,538          | 2,006          |                  |
| \$5,000 to \$24,999 ..... 4,642  | 33               | 142          | 92             | 123            | 173            |                  |
| \$25,000 to \$49,999 ..... 1,057   | -                | 13           | 1              | 3              | 27             |                  |
| \$50,000 or more ..... 718   | 2                | 7            | 1              | 3              | 8              |                  |
| Seeds, plants, vines, and trees .... farms \$1,000   | 25,048 257,178   | 1,110 9,490  | 5,444 35,096   | 1,905 8,223    | 2,790 8,594    | 2,331 8,755      |
| Farms with expenses of- \$1 to \$999 ..... 10,930  | 823              | 4,153        | 1,311          | 1,739          | 998            |                  |
| \$1,000 to \$4,999 ..... 6,971   | 78               | 847          | 496            | 938            | 1,211          |                  |
| \$5,000 to \$24,999 ..... 5,120  | 128              | 281          | 85             | 90             | 100            |                  |
| \$25,000 to \$49,999 ..... 1,138   | 32               | 63           | 3              | 3              | 11             |                  |
| \$50,000 or more ..... 889   | 49               | 100          | 10             | 20             | 11             |                  |
| Livestock and poultry purchased .... farms \$1,000   | 11,647 196,578   | 1,086 6,695  | 3,633 28,908   | 1,074 4,979    | 1,281 4,405    | 875 7,071        |
| Farms with expenses of- \$1 to \$4,999 ..... 9,336   | 967              | 3,142        | 992            | 1,207          | 777            |                  |
| \$5,000 to \$24,999 ..... 1,422  | 89               | 378          | 52             | 59             | 63             |                  |
| \$25,000 to \$99,999 ..... 504   | 16               | 65           | 25             | 10             | 20             |                  |
| \$100,000 to \$249,999 ..... 222   | 9                | 32           | 2              | 3              | 9              |                  |
| \$250,000 or more ..... 163  | 5                | 16           | 3              | 2              | 6              |                  |
| Breeding livestock purchased (see text) .... farms \$1,000   | 5,274 31,345     | 392 1,307    | 1,563 5,482    | 489 1,401      | 499 980        | 394 1,668        |
| Other livestock and poultry purchased .... farms \$1,000   | 7,934 165,233    | 860 5,388    | 2,680 23,426   | 756 3,578      | 925 3,426      | 585 5,403        |
| Feed purchased .... farms \$1,000  | 24,297 390,264   | 1,737 15,495 | 9,631 60,190   | 1,886 10,597   | 2,595 15,817   | 1,796 13,513     |
| Farms with expenses of- \$1 to \$4,999 ..... 18,476  | 1,338            | 8,343        | 1,632          | 2,143          | 1,543          |                  |
| \$5,000 to \$24,999 ..... 4,014  | 345              | 1,157        | 207            | 418            | 201            |                  |
| \$25,000 to \$99,999 ..... 1,161   | 32               | 77           | 26             | 14             | 38             |                  |
| \$100,000 to \$249,999 ..... 401   | 12               | 25           | 16             | 11             | 3              |                  |
| \$250,000 or more ..... 245  | 10               | 29           | 5              | 9              | 11             |                  |
| Gasoline, fuels, and oils .... farms \$1,000   | 50,597 145,503   | 2,773 4,910  | 16,947 19,363  | 4,524 5,611    | 6,327 6,376    | 4,513 6,969      |
| Farms with expenses of- \$1 to \$4,999 ..... 44,407  | 2,550            | 16,573       | 4,434          | 6,205          | 4,331          |                  |
| \$5,000 to \$24,999 ..... 5,258  | 183              | 280          | 75             | 113            | 160            |                  |
| \$25,000 to \$49,999 ..... 641   | 26               | 39           | 5              | 4              | 15             |                  |
| \$50,000 or more ..... 291   | 14               | 55           | 10             | 5              | 7              |                  |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | 140 to 179 acres | 180 to 219 acres | 220 to 259 acres | 260 to 499 acres | 500 to 999 acres | 1,000 to 1,999 acres | 2,000 or more acres |
|--|------------------|------------------|------------------|------------------|------------------|----------------------|---------------------|
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>               |                  |                  |                  |                  |                  |                      |                     |
| Total (see text) - Con.  |                  |                  |                  |                  |                  |                      |                     |
| Total sales (see text) - Con.  |                  |                  |                  |                  |                  |                      |                     |
| Aquaculture (see text) .... farms  | 4                | 1                | 1                | 44               | 3                | 2                    | 1                   |
| \$1,000 (D)  |                  | (D)              | (D)              | 44               | (D)              | (D)                  | (D)                 |
| Sales of \$50,000 or more .... farms   | 1                | -                | 1                | -                | -                | -                    | -                   |
| \$1,000 (D)  |                  | -                | (D)              | -                | -                | -                    | -                   |
| Other animals and other animal products (see text) .... farms                                  | 51               | 24               | 21               | 47               | 20               | 20                   | 7                   |
| \$1,000 332  | 526              | 224              | 1,373            | 371              | 619              | 619                  | 853                 |
| Sales of \$50,000 or more .... farms   | 1                | 6                | 2                | 6                | 2                | 7                    | 2                   |
| \$1,000 (D)  | 461              | (D)              | 1,127            | (D)              | 512              | (D)                  | (D)                 |
| Government payments .... farms   | 1,382            | 1,005            | 887              | 2,726            | 2,132            | 1,205                | 469                 |
| \$1,000 4,337  | 3,913            | 4,284            | 23,318           | 33,466           | 34,249           | 34,249               | 25,215              |
| Value of - Certified organically produced commodities (see text) .... farms                    | 23               | 16               | 11               | 40               | 19               | 5                    | 1                   |
| \$1,000 287  | 235              | 169              | 1,426            | 3,593            | 420              | (D)                  | (D)                 |
| Landlord's share of total sales (see text) .... farms  | 194              | 139              | 145              | 499              | 418              | 227                  | 59                  |
| \$1,000 1,243  | 906              | 1,498            | 7,707            | 13,245           | 11,220           | 11,220               | 8,016               |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms | 277              | 194              | 140              | 318              | 144              | 63                   | 12                  |
| \$1,000 3,267  | 2,489            | 1,521            | 5,945            | 1,925            | 1,595            | 1,595                | 445                 |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |                  |                  |                  |                  |                  |                      |                     |
| Total farm production expenses .... farms  | 2,894            | 1,986            | 1,763            | 4,311            | 2,773            | 1,497                | 502                 |
| \$1,000 92,198   | 98,033           | 82,754           | 393,531          | 592,788          | 637,854          | 585,820              | 426,088             |
| Average per farm .... dollars  | 31,858           | 49,362           | 46,939           | 91,285           | 213,771          | 1,166,972            | 1,166,972           |
| Fertilizer, lime, and soil conditioners purchased .... farms                                   | 1,922            | 1,373            | 1,308            | 3,621            | 2,577            | 1,456                | 490                 |
| \$1,000 7,435  | 5,176            | 6,621            | 32,301           | 52,742           | 61,406           | 61,406               | 55,020              |
| Farms with expenses of- \$1 to \$4,999 ....  | 1,577            | 1,019            | 794              | 1,332            | 341              | 73                   | 5                   |
| \$5,000 to \$24,999 ....   | 342              | 351              | 495              | 2,147            | 1,384            | 358                  | 32                  |
| \$25,000 to \$49,999 ....  | 1                | 2                | 18               | 128              | 744              | 550                  | 68                  |
| \$50,000 or more ....  | 2                | 1                | 1                | 14               | 108              | 475                  | 385                 |
| Chemicals purchased .... farms   | 1,544            | 1,083            | 1,119            | 3,021            | 2,235            | 1,249                | 437                 |
| \$1,000 5,455  | 5,328            | 4,677            | 24,558           | 40,334           | 41,913           | 41,913               | 41,730              |
| Farms with expenses of- \$1 to \$4,999 ....  | 1,309            | 857              | 843              | 1,489            | 317              | 83                   | 1                   |
| \$5,000 to \$24,999 ....   | 212              | 186              | 255              | 1,405            | 1,532            | 453                  | 36                  |
| \$25,000 to \$49,999 ....  | 12               | 31               | 14               | 65               | 281              | 497                  | 113                 |
| \$50,000 or more ....  | 11               | 9                | 7                | 62               | 105              | 216                  | 287                 |
| Seeds, plants, vines, and trees .... farms   | 1,585            | 1,192            | 1,188            | 3,263            | 2,405            | 1,358                | 477                 |
| \$1,000 6,390  | 5,088            | 4,867            | 32,520           | 38,078           | 45,688           | 45,688               | 54,390              |
| Farms with expenses of- \$1 to \$999 ....  | 521              | 382              | 334              | 471              | 179              | 19                   | -                   |
| \$1,000 to \$4,999 ....  | 846              | 649              | 529              | 1,058            | 249              | 66                   | 4                   |
| \$5,000 to \$24,999 ....   | 198              | 148              | 301              | 1,629            | 1,679            | 457                  | 24                  |
| \$25,000 to \$49,999 ....  | 15               | 9                | 14               | 27               | 249              | 615                  | 97                  |
| \$50,000 or more ....  | 5                | 4                | 10               | 78               | 49               | 201                  | 352                 |
| Livestock and poultry purchased .... farms   | 624              | 379              | 355              | 983              | 848              | 397                  | 112                 |
| \$1,000 3,899  | 6,314            | 3,487            | 15,905           | 35,185           | 38,124           | 38,124               | 41,604              |
| Farms with expenses of- \$1 to \$4,999 ....  | 511              | 287              | 252              | 671              | 378              | 138                  | 14                  |
| \$5,000 to \$24,999 ....   | 88               | 54               | 88               | 183              | 268              | 86                   | 14                  |
| \$25,000 to \$99,999 ....  | 10               | 31               | 11               | 103              | 117              | 73                   | 23                  |
| \$100,000 to \$249,999 ....  | 14               | 4                | 3                | 15               | 55               | 55                   | 21                  |
| \$250,000 or more ....   | 1                | 3                | 1                | 11               | 30               | 45                   | 40                  |
| Breeding livestock purchased (see text) .... farms   | 281              | 200              | 156              | 570              | 501              | 186                  | 43                  |
| \$1,000 507  | 545              | 496              | 4,604            | 4,624            | 5,673            | 5,673                | 4,057               |
| Other livestock and poultry purchased .... farms   | 392              | 228              | 222              | 506              | 446              | 250                  | 84                  |
| \$1,000 3,392  | 5,769            | 2,991            | 11,301           | 30,561           | 32,451           | 32,451               | 37,547              |
| Feed purchased .... farms  | 1,130            | 840              | 753              | 1,909            | 1,270            | 602                  | 148                 |
| \$1,000 6,303  | 13,188           | 10,064           | 47,519           | 76,648           | 82,410           | 82,410               | 38,521              |
| Farms with expenses of- \$1 to \$4,999 ....  | 878              | 582              | 474              | 966              | 404              | 154                  | 19                  |
| \$5,000 to \$24,999 ....   | 217              | 155              | 203              | 559              | 377              | 136                  | 39                  |
| \$25,000 to \$99,999 ....  | 24               | 84               | 61               | 319              | 305              | 155                  | 26                  |
| \$100,000 to \$249,999 ....  | 11               | 12               | 10               | 41               | 135              | 100                  | 25                  |
| \$250,000 or more ....   | -                | 7                | 5                | 24               | 49               | 57                   | 39                  |
| Gasoline, fuels, and oils .... farms   | 2,842            | 1,933            | 1,734            | 4,235            | 2,772            | 1,495                | 502                 |
| \$1,000 6,261  | 4,097            | 3,871            | 18,846           | 24,153           | 24,419           | 24,419               | 20,627              |
| Farms with expenses of- \$1 to \$4,999 ....  | 2,692            | 1,758            | 1,602            | 3,119            | 933              | 186                  | 24                  |
| \$5,000 to \$24,999 ....   | 131              | 159              | 129              | 1,057            | 1,739            | 1,054                | 178                 |
| \$25,000 to \$49,999 ....  | 9                | 13               | 3                | 43               | 80               | 220                  | 184                 |
| \$50,000 or more ....  | 10               | 3                | -                | 16               | 20               | 35                   | 116                 |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total             | 1 to 9 acres    | 10 to 49 acres   | 50 to 69 acres  | 70 to 99 acres  | 100 to 139 acres |
|---|-------------------|-----------------|------------------|-----------------|-----------------|------------------|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |                   |                 |                  |                 |                 |                  |
| Total farm production expenses - Con.   |                   |                 |                  |                 |                 |                  |
| Utilities (see text) .... farms \$1,000   | 30,422<br>91,391  | 1,612<br>4,511  | 8,513<br>14,441  | 2,140<br>2,506  | 3,103<br>4,002  | 2,574<br>3,505   |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$999 .....  | 17,496            | 1,056           | 6,211            | 1,726           | 2,254           | 1,752            |
| \$1,000 to \$4,999 .....  | 9,451             | 362             | 1,991            | 360             | 783             | 740              |
| \$5,000 to \$24,999 .....   | 2,928             | 157             | 221              | 36              | 44              | 69               |
| \$25,000 to \$49,999 .....  | 343               | 24              | 42               | 14              | 18              | 8                |
| \$50,000 or more .....  | 204               | 13              | 48               | 4               | 4               | 5                |
| Supplies, repairs, and maintenance .... farms \$1,000   | 47,754<br>334,489 | 2,607<br>10,585 | 15,911<br>58,068 | 4,218<br>12,292 | 5,853<br>16,005 | 4,170<br>14,915  |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$4,999 .....  | 36,285            | 2,225           | 14,095           | 3,929           | 5,121           | 3,443            |
| \$5,000 to \$24,999 .....   | 8,807             | 296             | 1,498            | 240             | 654             | 674              |
| \$25,000 to \$49,999 .....  | 1,532             | 58              | 187              | 36              | 49              | 26               |
| \$50,000 or more .....  | 1,130             | 28              | 131              | 13              | 29              | 27               |
| Hired farm labor .... farms \$1,000   | 12,279<br>469,731 | 660<br>23,129   | 2,859<br>66,299  | 721<br>15,848   | 968<br>13,439   | 943<br>16,770    |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$4,999 .....  | 7,177             | 377             | 2,179            | 536             | 791             | 665              |
| \$5,000 to \$24,999 .....   | 2,442             | 123             | 363              | 127             | 109             | 179              |
| \$25,000 to \$99,999 .....  | 1,736             | 102             | 218              | 33              | 38              | 79               |
| \$100,000 to \$249,999 .....  | 550               | 36              | 43               | 13              | 21              | 8                |
| \$250,000 or more .....   | 374               | 22              | 56               | 12              | 9               | 12               |
| Contract labor .... farms \$1,000   | 3,614<br>35,023   | 200<br>1,462    | 1,278<br>4,611   | 188<br>1,641    | 322<br>929      | 260<br>1,585     |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$999 .....  | 1,382             | 114             | 612              | 132             | 137             | 105              |
| \$1,000 to \$4,999 .....  | 1,188             | 29              | 424              | 28              | 136             | 85               |
| \$5,000 to \$24,999 .....   | 825               | 54              | 225              | 21              | 48              | 40               |
| \$25,000 to \$49,999 .....  | 146               | -               | 12               | 5               | 1               | 30               |
| \$50,000 or more .....  | 73                | 3               | 5                | 2               | -               | -                |
| Customwork and custom hauling .... farms \$1,000  | 9,148<br>63,676   | 251<br>471      | 1,808<br>3,838   | 593<br>1,972    | 895<br>3,591    | 808<br>4,690     |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$999 .....  | 4,001             | 194             | 1,429            | 364             | 532             | 359              |
| \$1,000 to \$4,999 .....  | 3,214             | 50              | 303              | 208             | 326             | 398              |
| \$5,000 to \$24,999 .....   | 1,486             | 5               | 53               | 1               | 30              | 22               |
| \$25,000 to \$49,999 .....  | 213               | -               | 9                | -               | 3               | 2                |
| \$50,000 or more .....  | 234               | 2               | 14               | 20              | 4               | 27               |
| Cash rent for land, buildings, and grazing fees .... farms \$1,000                              | 12,399<br>216,140 | 181<br>442      | 1,423<br>2,446   | 652<br>2,168    | 856<br>1,693    | 988<br>2,161     |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$4,999 .....  | 7,276             | 171             | 1,362            | 629             | 780             | 887              |
| \$5,000 to \$9,999 .....  | 1,408             | 3               | 30               | 17              | 68              | 79               |
| \$10,000 to \$24,999 .....  | 1,704             | 4               | 18               | 4               | 5               | 16               |
| \$25,000 or more .....  | 2,011             | 3               | 13               | 2               | 3               | 6                |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000 | 3,940<br>33,771   | 102<br>541      | 659<br>2,623     | 201<br>528      | 323<br>1,030    | 291<br>889       |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$999 .....  | 1,534             | 73              | 378              | 142             | 153             | 124              |
| \$1,000 to \$4,999 .....  | 1,179             | 10              | 179              | 20              | 124             | 132              |
| \$5,000 to \$24,999 .....   | 943               | 12              | 86               | 38              | 41              | 32               |
| \$25,000 to \$49,999 .....  | 170               | 4               | 9                | 1               | 3               | 1                |
| \$50,000 or more .....  | 114               | 3               | 7                | -               | 2               | 2                |
| Interest expense .... farms \$1,000   | 18,089<br>211,406 | 781<br>3,832    | 4,353<br>22,881  | 1,329<br>8,144  | 1,857<br>9,421  | 1,338<br>7,001   |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$4,999 .....  | 9,658             | 559             | 2,861            | 845             | 1,251           | 947              |
| \$5,000 to \$24,999 .....   | 6,548             | 208             | 1,402            | 439             | 558             | 361              |
| \$25,000 to \$99,999 .....  | 1,648             | 12              | 79               | 43              | 42              | 26               |
| \$100,000 or more .....   | 235               | 2               | 11               | 2               | 6               | 4                |
| Secured by real estate .... farms \$1,000   | 14,332<br>154,977 | 630<br>2,935    | 3,556<br>18,884  | 1,116<br>7,410  | 1,548<br>8,386  | 1,047<br>5,669   |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$999 .....  | 1,919             | 223             | 661              | 175             | 240             | 237              |
| \$1,000 to \$4,999 .....  | 5,535             | 242             | 1,532            | 466             | 716             | 480              |
| \$5,000 to \$24,999 .....   | 5,594             | 156             | 1,305            | 438             | 560             | 308              |
| \$25,000 to \$49,999 .....  | 838               | 5               | 45               | 25              | 26              | 18               |
| \$50,000 or more .....  | 446               | 4               | 13               | 12              | 6               | 4                |
| Not secured by real estate .... farms \$1,000   | 8,737<br>56,428   | 292<br>897      | 1,488<br>3,997   | 410<br>734      | 547<br>1,035    | 583<br>1,332     |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$999 .....  | 3,042             | 171             | 902              | 287             | 274             | 318              |
| \$1,000 to \$4,999 .....  | 3,192             | 81              | 406              | 106             | 243             | 203              |
| \$5,000 to \$24,999 .....   | 2,067             | 35              | 147              | 13              | 25              | 54               |
| \$25,000 to \$49,999 .....  | 286               | 2               | 28               | 3               | 3               | 7                |
| \$50,000 or more .....  | 150               | 3               | 5                | 1               | 2               | 1                |
| Property taxes paid .... farms \$1,000  | 50,494<br>157,933 | 2,844<br>4,038  | 17,347<br>31,226 | 4,589<br>8,779  | 6,246<br>13,466 | 4,450<br>11,524  |
| Farms with expenses of-   |                   |                 |                  |                 |                 |                  |
| \$1 to \$4,999 .....  | 43,434            | 2,746           | 16,654           | 4,397           | 5,860           | 4,117            |
| \$5,000 to \$9,999 .....  | 4,379             | 73              | 500              | 119             | 287             | 226              |
| \$10,000 to \$24,999 .....  | 2,144             | 23              | 155              | 70              | 93              | 88               |
| \$25,000 or more .....  | 537               | 2               | 38               | 3               | 6               | 19               |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | 140 to 179 acres | 180 to 219 acres | 220 to 259 acres | 260 to 499 acres | 500 to 999 acres | 1,000 to 1,999 acres | 2,000 or more acres |
|---|------------------|------------------|------------------|------------------|------------------|----------------------|---------------------|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |                  |                  |                  |                  |                  |                      |                     |
| Total farm production expenses - Con.   |                  |                  |                  |                  |                  |                      |                     |
| Utilities (see text) .... farms \$1,000   | 1,844<br>3,582   | 1,423<br>3,330   | 1,309<br>2,492   | 3,570<br>11,504  | 2,502<br>15,500  | 1,366<br>13,876      | 466<br>12,142       |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$999 .....  | 1,112            | 755              | 669              | 1,426            | 417              | 105                  | 13                  |
| \$1,000 to \$4,999 .....  | 634              | 559              | 506              | 1,632            | 1,201            | 570                  | 113                 |
| \$5,000 to \$24,999 .....   | 81               | 102              | 130              | 468              | 808              | 586                  | 226                 |
| \$25,000 to \$49,999 .....  | 15               | 2                | 4                | 31               | 57               | 73                   | 55                  |
| \$50,000 or more .....  | 2                | 5                | -                | 13               | 19               | 32                   | 59                  |
| Supplies, repairs, and maintenance .... farms \$1,000   | 2,701<br>10,714  | 1,836<br>11,086  | 1,678<br>8,663   | 4,073<br>44,726  | 2,714<br>55,744  | 1,491<br>50,683      | 502<br>41,007       |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$4,999 .....  | 2,227            | 1,374            | 1,138            | 1,949            | 609              | 152                  | 23                  |
| \$5,000 to \$24,999 .....   | 437              | 386              | 523              | 1,756            | 1,518            | 721                  | 104                 |
| \$25,000 to \$49,999 .....  | 22               | 28               | 11               | 233              | 369              | 362                  | 151                 |
| \$50,000 or more .....  | 15               | 48               | 6                | 135              | 218              | 256                  | 224                 |
| Hired farm labor .... farms \$1,000   | 508<br>15,296    | 529<br>13,975    | 560<br>9,967     | 1,610<br>50,832  | 1,445<br>76,672  | 1,032<br>81,711      | 444<br>85,793       |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$4,999 .....  | 363              | 327              | 379              | 842              | 459              | 223                  | 36                  |
| \$5,000 to \$24,999 .....   | 76               | 117              | 89               | 454              | 434              | 299                  | 72                  |
| \$25,000 to \$99,999 .....  | 56               | 58               | 71               | 205              | 371              | 340                  | 165                 |
| \$100,000 to \$249,999 .....  | 9                | 18               | 20               | 69               | 128              | 91                   | 94                  |
| \$250,000 or more .....   | 4                | 9                | 1                | 40               | 53               | 79                   | 77                  |
| Contract labor .... farms \$1,000   | 154<br>767       | 135<br>1,270     | 116<br>751       | 325<br>2,569     | 315<br>6,133     | 204<br>3,492         | 117<br>9,813        |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$999 .....  | 23               | 62               | 57               | 79               | 44               | 14                   | 3                   |
| \$1,000 to \$4,999 .....  | 86               | 58               | 27               | 152              | 79               | 59                   | 25                  |
| \$5,000 to \$24,999 .....   | 44               | 11               | 20               | 69               | 136              | 105                  | 52                  |
| \$25,000 to \$49,999 .....  | -                | -                | 11               | 17               | 33               | 14                   | 23                  |
| \$50,000 or more .....  | 1                | 4                | 1                | 8                | 23               | 12                   | 14                  |
| Customwork and custom hauling .... farms \$1,000  | 598<br>2,277     | 544<br>3,925     | 509<br>2,067     | 1,423<br>9,087   | 925<br>9,918     | 586<br>11,479        | 208<br>10,362       |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$999 .....  | 268              | 134              | 181              | 375              | 87               | 65                   | 13                  |
| \$1,000 to \$4,999 .....  | 261              | 302              | 255              | 589              | 328              | 162                  | 32                  |
| \$5,000 to \$24,999 .....   | 51               | 87               | 59               | 413              | 428              | 246                  | 91                  |
| \$25,000 to \$49,999 .....  | 9                | 2                | 13               | 20               | 60               | 67                   | 28                  |
| \$50,000 or more .....  | 9                | 19               | 1                | 26               | 22               | 46                   | 44                  |
| Cash rent for land, buildings, and grazing fees .... farms \$1,000                              | 835<br>3,080     | 732<br>3,137     | 653<br>3,041     | 2,448<br>21,378  | 1,966<br>46,473  | 1,225<br>59,734      | 440<br>70,387       |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$4,999 .....  | 667              | 552              | 469              | 1,196            | 450              | 111                  | 2                   |
| \$5,000 to \$9,999 .....  | 80               | 117              | 103              | 555              | 242              | 106                  | 8                   |
| \$10,000 to \$24,999 .....  | 84               | 58               | 75               | 568              | 632              | 216                  | 24                  |
| \$25,000 or more .....  | 4                | 5                | 6                | 129              | 642              | 792                  | 406                 |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000 | 145<br>600       | 204<br>929       | 174<br>523       | 614<br>2,762     | 586<br>6,507     | 408<br>6,750         | 233<br>10,090       |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$999 .....  | 71               | 107              | 97               | 205              | 127              | 48                   | 9                   |
| \$1,000 to \$4,999 .....  | 47               | 53               | 43               | 249              | 181              | 107                  | 34                  |
| \$5,000 to \$24,999 .....   | 26               | 42               | 32               | 147              | 230              | 159                  | 98                  |
| \$25,000 to \$49,999 .....  | -                | 1                | 2                | 11               | 28               | 71                   | 39                  |
| \$50,000 or more .....  | 1                | 1                | -                | 2                | 20               | 23                   | 53                  |
| Interest expense .... farms \$1,000   | 920<br>5,717     | 774<br>6,743     | 743<br>6,175     | 2,265<br>23,857  | 2,097<br>37,411  | 1,188<br>41,281      | 444<br>38,942       |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$4,999 .....  | 541              | 478              | 404              | 1,012            | 587              | 149                  | 24                  |
| \$5,000 to \$24,999 .....   | 344              | 237              | 257              | 1,038            | 1,082            | 525                  | 97                  |
| \$25,000 to \$99,999 .....  | 34               | 55               | 82               | 204              | 401              | 453                  | 217                 |
| \$100,000 or more .....   | 1                | 4                | -                | 11               | 27               | 61                   | 106                 |
| Secured by real estate .... farms \$1,000   | 717<br>4,558     | 554<br>5,696     | 605<br>4,739     | 1,628<br>16,670  | 1,626<br>26,677  | 951<br>27,909        | 354<br>25,445       |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$999 .....  | 69               | 35               | 54               | 162              | 35               | 21                   | 7                   |
| \$1,000 to \$4,999 .....  | 349              | 262              | 285              | 571              | 474              | 138                  | 20                  |
| \$5,000 to \$24,999 .....   | 274              | 218              | 197              | 741              | 835              | 455                  | 107                 |
| \$25,000 to \$49,999 .....  | 23               | 28               | 68               | 114              | 206              | 195                  | 85                  |
| \$50,000 or more .....  | 2                | 11               | 1                | 40               | 76               | 142                  | 135                 |
| Not secured by real estate .... farms \$1,000   | 461<br>1,159     | 410<br>1,046     | 468<br>1,436     | 1,416<br>7,187   | 1,442<br>10,734  | 877<br>13,373        | 343<br>13,497       |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$999 .....  | 178              | 196              | 163              | 324              | 186              | 37                   | 6                   |
| \$1,000 to \$4,999 .....  | 247              | 153              | 241              | 723              | 541              | 203                  | 45                  |
| \$5,000 to \$24,999 .....   | 35               | 58               | 62               | 325              | 659              | 516                  | 138                 |
| \$25,000 to \$49,999 .....  | -                | 2                | 2                | 32               | 45               | 84                   | 78                  |
| \$50,000 or more .....  | 1                | 1                | -                | 12               | 11               | 37                   | 76                  |
| Property taxes paid .... farms \$1,000  | 2,709<br>8,072   | 1,896<br>5,813   | 1,651<br>7,010   | 4,170<br>19,332  | 2,682<br>19,401  | 1,441<br>16,976      | 469<br>12,295       |
| Farms with expenses of-   |                  |                  |                  |                  |                  |                      |                     |
| \$1 to \$4,999 .....  | 2,351            | 1,604            | 1,283            | 2,905            | 1,111            | 342                  | 64                  |
| \$5,000 to \$9,999 .....  | 270              | 252              | 245              | 968              | 919              | 446                  | 74                  |
| \$10,000 to \$24,999 .....  | 85               | 34               | 68               | 233              | 608              | 535                  | 152                 |
| \$25,000 or more .....  | 3                | 6                | 55               | 64               | 44               | 118                  | 179                 |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total         | 1 to 9 acres      | 10 to 49 acres  | 50 to 69 acres  | 70 to 99 acres  | 100 to 139 acres |
|--|---------------|-------------------|-----------------|-----------------|-----------------|------------------|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>                                       |               |                   |                 |                 |                 |                  |
| Total farm production expenses - Con.  |               |                   |                 |                 |                 |                  |
| All other production expenses (see text) .....   | farms \$1,000 | 30,851<br>308,277 | 1,647<br>10,826 | 9,269<br>50,451 | 2,192<br>10,082 | 3,347<br>13,970  |
| Farms with expenses of-  |               |                   |                 |                 |                 |                  |
| \$1 to \$4,999 .....   |               | 22,590            | 1,315           | 8,137           | 1,919           | 2,837            |
| \$5,000 to \$24,999 .....  |               | 6,118             | 259             | 963             | 237             | 454              |
| \$25,000 to \$49,999 .....   |               | 1,080             | 30              | 70              | 23              | 16               |
| \$50,000 to \$99,999 .....   |               | 606               | 21              | 45              | 4               | 32               |
| \$100,000 or more .....  |               | 457               | 22              | 54              | 9               | 8                |
| Production expenses paid by landlords <sup>3</sup> .....                                 | farms \$1,000 | 2,324<br>18,239   | 92<br>96        | 638<br>1,280    | 175<br>552      | 227<br>692       |
| Depreciation expenses claimed (see text) .....   | farms \$1,000 | 21,682<br>386,335 | 1,001<br>8,095  | 4,566<br>32,398 | 1,359<br>11,362 | 2,266<br>14,622  |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>                                       |               |                   |                 |                 |                 |                  |
| Net cash farm income of operations (see text) .....                                      | farms \$1,000 | 53,296<br>724,021 | 3,210<br>22,565 | 18,393<br>3,357 | 4,760<br>9,169  | 6,617<br>2,531   |
| Average per farm .....   | dollars       | 13,585            | 7,030           | 183             | 1,926           | 383              |
| Farms with net gains <sup>4</sup> .....  | number        | 22,737            | 1,136           | 4,603           | 1,788           | 2,735            |
| Average net gain .....   | dollars       | 47,047            | 33,732          | 24,141          | 18,109          | 12,747           |
| Gain of-   |               |                   |                 |                 |                 |                  |
| Less than \$1,000 .....  |               | 3,224             | 225             | 1,324           | 513             | 404              |
| \$1,000 to \$4,999 .....   |               | 5,479             | 398             | 1,440           | 650             | 1,158            |
| \$5,000 to \$9,999 .....   |               | 3,138             | 134             | 614             | 324             | 545              |
| \$10,000 to \$24,999 .....   |               | 3,504             | 90              | 513             | 167             | 362              |
| \$25,000 to \$49,999 .....   |               | 2,827             | 102             | 334             | 60              | 177              |
| \$50,000 or more .....   |               | 4,565             | 187             | 378             | 74              | 89               |
| Farms with net losses .....  | number        | 30,559            | 2,074           | 13,790          | 2,972           | 3,882            |
| Average net loss .....   | dollars       | 11,312            | 7,596           | 7,815           | 7,809           | 8,328            |
| Loss of-   |               |                   |                 |                 |                 |                  |
| Less than \$1,000 .....  |               | 3,903             | 185             | 2,052           | 449             | 591              |
| \$1,000 to \$4,999 .....   |               | 11,691            | 1,105           | 5,521           | 1,259           | 1,438            |
| \$5,000 to \$9,999 .....   |               | 6,916             | 363             | 3,391           | 753             | 868              |
| \$10,000 to \$24,999 .....   |               | 5,386             | 325             | 2,108           | 337             | 827              |
| \$25,000 to \$49,999 .....   |               | 1,545             | 42              | 517             | 115             | 113              |
| \$50,000 or more .....   |               | 1,118             | 54              | 201             | 59              | 45               |
| Net cash farm income of operators (see text) .....                                       | farms \$1,000 | 53,296<br>705,489 | 3,210<br>22,401 | 18,393<br>6,335 | 4,760<br>9,346  | 6,617<br>2,621   |
| Average per farm .....   | dollars       | 13,237            | 6,979           | 344             | 1,963           | 396              |
| Operators reporting net gains <sup>4</sup> .....   | farms         | 23,069            | 1,125           | 4,843           | 1,824           | 2,808            |
| Average net gain .....   | dollars       | 45,546            | 33,901          | 23,033          | 17,837          | 12,270           |
| Gain of-   |               |                   |                 |                 |                 |                  |
| Less than \$1,000 .....  |               | 3,356             | 188             | 1,425           | 520             | 468              |
| \$1,000 to \$4,999 .....   |               | 5,783             | 425             | 1,574           | 656             | 1,181            |
| \$5,000 to \$9,999 .....   |               | 3,146             | 132             | 619             | 347             | 543              |
| \$10,000 to \$24,999 .....   |               | 3,520             | 95              | 511             | 167             | 355              |
| \$25,000 to \$49,999 .....   |               | 2,823             | 99              | 335             | 60              | 172              |
| \$50,000 or more .....   |               | 4,441             | 186             | 379             | 74              | 89               |
| Operators reporting net losses .....   | farms         | 30,227            | 2,085           | 13,550          | 2,936           | 3,809            |
| Average net loss .....   | dollars       | 11,421            | 7,548           | 7,765           | 7,898           | 8,357            |
| Loss of-   |               |                   |                 |                 |                 |                  |
| Less than \$1,000 .....  |               | 3,787             | 209             | 1,988           | 436             | 561              |
| \$1,000 to \$4,999 .....   |               | 11,498            | 1,095           | 5,387           | 1,236           | 1,407            |
| \$5,000 to \$9,999 .....   |               | 6,903             | 360             | 3,375           | 742             | 884              |
| \$10,000 to \$24,999 .....   |               | 5,339             | 325             | 2,082           | 348             | 799              |
| \$25,000 to \$49,999 .....   |               | 1,564             | 42              | 517             | 115             | 113              |
| \$50,000 or more .....   |               | 1,136             | 54              | 201             | 59              | 45               |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>                                     |               |                   |                 |                 |                 |                  |
| Total .....  | farms \$1,000 | 2,601<br>72,023   | 2<br>(D)        | 163<br>(D)      | 94<br>282       | 164<br>156       |
| <b>INCOME FROM FARM-RELATED SOURCES</b>  |               |                   |                 |                 |                 |                  |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... | farms \$1,000 | 15,056<br>133,320 | 527<br>5,054    | 3,907<br>26,545 | 1,115<br>7,376  | 1,481<br>8,263   |
| Customwork and other agricultural services .....   | farms \$1,000 | 3,087<br>29,184   | 50<br>456       | 359<br>1,466    | 106<br>568      | 195<br>677       |
| Gross cash rent or share payments .....  | farms \$1,000 | 5,446<br>29,230   | 268<br>669      | 1,995<br>5,460  | 690<br>2,466    | 665<br>2,802     |
| Sales of forest products, excluding Christmas trees and maple products .....             | farms \$1,000 | 1,557<br>11,799   | 16<br>84        | 245<br>994      | 112<br>691      | 224<br>1,180     |
| Recreational services (see text) .....   | farms \$1,000 | 615<br>3,295      | 5<br>130        | 75<br>434       | 29<br>360       | 55<br>465        |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | 140 to 179 acres | 180 to 219 acres | 220 to 259 acres | 260 to 499 acres | 500 to 999 acres | 1,000 to 1,999 acres | 2,000 or more acres |
|--|------------------|------------------|------------------|------------------|------------------|----------------------|---------------------|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>                                       |                  |                  |                  |                  |                  |                      |                     |
| Total farm production expenses - Con.  |                  |                  |                  |                  |                  |                      |                     |
| All other production expenses (see text) .....   | farms \$1,000    | 1,761<br>6,350   | 1,375<br>8,636   | 1,174<br>8,477   | 3,385<br>35,835  | 2,278<br>51,887      | 1,348<br>57,912     |
| Farms with expenses of-<br>\$1 to \$4,999 .....  |                  | 1,510            | 1,042            | 791              | 1,899            | 679                  | 205                 |
| \$5,000 to \$24,999 .....  |                  | 212              | 271              | 302              | 1,239            | 1,079                | 655                 |
| \$25,000 to \$49,999 .....   |                  | 28               | 47               | 17               | 142              | 288                  | 250                 |
| \$50,000 to \$99,999 .....   |                  | 8                | 4                | 64               | 62               | 159                  | 115                 |
| \$100,000 or more .....  |                  | 3                | 11               | -                | 43               | 73                   | 123                 |
| Production expenses paid by landlords <sup>3</sup> .....                                 | farms \$1,000    | 108<br>289       | 127<br>299       | 115<br>739       | 307<br>4,021     | 172<br>3,934         | 146<br>4,120        |
| Depreciation expenses claimed (see text) .....   | farms \$1,000    | 1,238<br>10,176  | 1,113<br>12,072  | 1,080<br>12,556  | 3,059<br>54,068  | 2,324<br>74,252      | 1,381<br>77,496     |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>                                       |                  |                  |                  |                  |                  |                      |                     |
| Net cash farm income of operations (see text) .....                                      | farms \$1,000    | 2,894<br>27,048  | 1,986<br>15,744  | 1,763<br>7,012   | 4,311<br>139,479 | 2,773<br>176,651     | 1,497<br>177,457    |
| Average per farm .....   | dollars          | 9,346            | 7,927            | 3,977            | 32,354           | 63,704               | 118,541             |
| Farms with net gains <sup>4</sup> .....  | number           | 1,532            | 1,082            | 1,005            | 2,925            | 2,135                | 1,209               |
| Average net gain .....   | dollars          | 27,482           | 29,482           | 27,925           | 58,175           | 94,656               | 162,700             |
| Gain of-<br>Less than \$1,000 .....  |                  | 194              | 64               | 64               | 96               | 26                   | 6                   |
| \$1,000 to \$4,999 .....   |                  | 451              | 230              | 90               | 278              | 80                   | 19                  |
| \$5,000 to \$9,999 .....   |                  | 282              | 225              | 205              | 295              | 88                   | 26                  |
| \$10,000 to \$24,999 .....   |                  | 301              | 294              | 235              | 617              | 374                  | 72                  |
| \$25,000 to \$49,999 .....   |                  | 200              | 152              | 287              | 795              | 405                  | 142                 |
| \$50,000 or more .....   |                  | 104              | 117              | 124              | 844              | 1,162                | 944                 |
| Farms with net losses .....  | number           | 1,362            | 904              | 758              | 1,386            | 638                  | 288                 |
| Average net loss .....   | dollars          | 11,053           | 17,872           | 27,774           | 22,138           | 39,874               | 66,833              |
| Loss of-<br>Less than \$1,000 .....  |                  | 128              | 69               | 87               | 75               | 18                   | 9                   |
| \$1,000 to \$4,999 .....   |                  | 454              | 331              | 174              | 288              | 81                   | 26                  |
| \$5,000 to \$9,999 .....   |                  | 319              | 146              | 160              | 300              | 58                   | 30                  |
| \$10,000 to \$24,999 .....   |                  | 324              | 163              | 182              | 421              | 203                  | 47                  |
| \$25,000 to \$49,999 .....   |                  | 104              | 98               | 89               | 145              | 137                  | 61                  |
| \$50,000 or more .....   |                  | 33               | 97               | 66               | 157              | 141                  | 115                 |
| Net cash farm income of operators (see text) .....                                       | farms \$1,000    | 2,894<br>26,308  | 1,986<br>15,403  | 1,763<br>6,896   | 4,311<br>138,228 | 2,773<br>172,339     | 1,497<br>169,725    |
| Average per farm .....   | dollars          | 9,091            | 7,756            | 3,912            | 32,064           | 62,149               | 113,377             |
| Operators reporting net gains <sup>4</sup> .....   | farms            | 1,529            | 1,077            | 1,008            | 2,954            | 2,118                | 1,202               |
| Average net gain .....   | dollars          | 27,109           | 28,863           | 27,311           | 57,023           | 93,570               | 158,029             |
| Gain of-<br>Less than \$1,000 .....  |                  | 209              | 64               | 64               | 99               | 26                   | 6                   |
| \$1,000 to \$4,999 .....   |                  | 475              | 241              | 101              | 269              | 104                  | 22                  |
| \$5,000 to \$9,999 .....   |                  | 273              | 183              | 199              | 324              | 117                  | 27                  |
| \$10,000 to \$24,999 .....   |                  | 268              | 317              | 252              | 666              | 346                  | 76                  |
| \$25,000 to \$49,999 .....   |                  | 200              | 169              | 267              | 763              | 406                  | 166                 |
| \$50,000 or more .....   |                  | 104              | 103              | 125              | 833              | 1,119                | 905                 |
| Operators reporting net losses .....   | farms            | 1,365            | 909              | 755              | 1,357            | 655                  | 295                 |
| Average net loss .....   | dollars          | 11,093           | 17,253           | 27,329           | 22,268           | 39,453               | 68,561              |
| Loss of-<br>Less than \$1,000 .....  |                  | 136              | 70               | 87               | 66               | 19                   | 7                   |
| \$1,000 to \$4,999 .....   |                  | 449              | 325              | 151              | 304              | 88                   | 23                  |
| \$5,000 to \$9,999 .....   |                  | 317              | 160              | 176              | 274              | 45                   | 32                  |
| \$10,000 to \$24,999 .....   |                  | 316              | 159              | 186              | 430              | 196                  | 47                  |
| \$25,000 to \$49,999 .....   |                  | 114              | 98               | 89               | 125              | 163                  | 61                  |
| \$50,000 or more .....   |                  | 33               | 97               | 66               | 158              | 144                  | 125                 |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>                                     |                  |                  |                  |                  |                  |                      |                     |
| Total .....  | farms \$1,000    | 175<br>497       | 168<br>510       | 147<br>826       | 484<br>4,868     | 540<br>14,829        | 344<br>21,352       |
| <b>INCOME FROM FARM-RELATED SOURCES</b>  |                  |                  |                  |                  |                  |                      |                     |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... | farms \$1,000    | 1,015<br>6,549   | 739<br>3,962     | 614<br>3,862     | 1,902<br>14,502  | 1,464<br>17,011      | 800<br>17,868       |
| Customwork and other agricultural services .....   | farms \$1,000    | 216<br>786       | 162<br>656       | 164<br>801       | 525<br>3,582     | 560<br>5,072         | 377<br>7,075        |
| Gross cash rent or share payments .....  | farms \$1,000    | 335<br>1,980     | 213<br>1,153     | 147<br>1,208     | 339<br>3,586     | 170<br>3,245         | 84<br>2,375         |
| Sales of forest products, excluding Christmas trees and maple products .....             | farms \$1,000    | 158<br>827       | 87<br>609        | 85<br>613        | 242<br>2,438     | 130<br>1,356         | 78<br>1,098         |
| Recreational services (see text) .....   | farms \$1,000    | 45<br>171        | 38<br>62         | 48<br>137        | 124<br>495       | 80<br>524            | 37<br>190           |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total           | 1 to 9 acres | 10 to 49 acres  | 50 to 69 acres | 70 to 99 acres | 100 to 139 acres |
|--|-----------------|--------------|-----------------|----------------|----------------|------------------|
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>   |                 |              |                 |                |                |                  |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                            |                 |              |                 |                |                |                  |
| Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000                                      | 3,247<br>8,745  | 62<br>107    | 255<br>426      | 90<br>71       | 163<br>369     | 194<br>291       |
| Other farm-related income sources (see text) .... farms \$1,000  | 5,177<br>51,067 | 165<br>3,608 | 1,429<br>17,765 | 269<br>3,220   | 436<br>2,770   | 365<br>1,711     |
| <b>LAND USE</b>  |                 |              |                 |                |                |                  |
| Total cropland .... farms  | 47,904          |              |                 |                |                |                  |
| acres  | 7,983,574       | 1,958        | 15,758          | 4,048          | 6,082          | 4,384            |
| Harvested cropland .... farms  | 38,244          | 7,241        | 309,152         | 159,271        | 333,017        | 349,683          |
| acres  | 6,827,903       | 1,372        | 11,007          | 3,128          | 4,625          | 3,553            |
| Farms by acres harvested:  |                 |              |                 |                |                |                  |
| 1 to 49 acres .....  | 20,486          | 1,372        | 11,007          | 2,474          | 2,814          | 1,385            |
| 50 to 99 acres .....   | 5,571           | -            | -               | 654            | 1,811          | 1,345            |
| 100 to 199 acres .....   | 4,350           | -            | -               | -              | -              | 823              |
| 200 to 499 acres .....   | 4,188           | -            | -               | -              | -              | -                |
| 500 to 999 acres .....   | 2,181           | -            | -               | -              | -              | -                |
| 1,000 to 1,999 acres .....   | 1,094           | -            | -               | -              | -              | -                |
| 2,000 acres or more .....  | 374             | -            | -               | -              | -              | -                |
| Cropland-  |                 |              |                 |                |                |                  |
| For pasture or grazing only .... farms   | 16,190          | 601          | 6,219           | 1,316          | 2,025          | 1,474            |
| acres  | 409,296         | 2,000        | 57,012          | 18,783         | 38,364         | 37,831           |
| On which all crops failed .... farms   | 3,113           | 48           | 848             | 279            | 456            | 342              |
| acres  | 69,071          | 93           | 8,024           | 3,669          | 7,349          | 7,512            |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms | 15,120          | 233          | 4,855           | 1,525          | 2,448          | 1,643            |
| acres  | 607,936         | 762          | 77,453          | 39,922         | 90,479         | 74,234           |
| In cultivated summer fallow .... farms   | 2,567           | 24           | 421             | 208            | 368            | 286              |
| acres  | 69,368          | 64           | 2,961           | 3,024          | 5,232          | 5,218            |
| Total woodland .... farms  | 27,818          | 337          | 7,650           | 2,548          | 4,038          | 2,892            |
| acres  | 1,224,237       | 796          | 77,437          | 51,524         | 108,857        | 100,334          |
| Woodland pastured .... farms   | 5,316           | 79           | 1,518           | 417            | 711            | 561              |
| acres  | 162,169         | 211          | 10,374          | 5,666          | 11,934         | 14,174           |
| Woodland not pastured .... farms   | 24,853          | 277          | 6,609           | 2,320          | 3,643          | 2,577            |
| acres  | 1,062,068       | 585          | 67,063          | 45,858         | 96,923         | 86,160           |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms                           | 11,447          | 915          | 4,866           | 914            | 1,282          | 866              |
| acres  | 254,062         | 3,475        | 46,041          | 14,330         | 22,683         | 22,453           |
| Land in house lots, ponds, roads, wasteland, etc. .... farms   | 35,435          | 1,793        | 12,167          | 2,952          | 4,292          | 3,118            |
| acres  | 681,085         | 4,123        | 74,250          | 32,857         | 59,181         | 58,844           |
| Irrigated land .... farms  | 4,413           | 581          | 1,317           | 266            | 326            | 248              |
| acres  | 456,278         | 996          | 7,359           | 3,503          | 5,439          | 6,434            |
| Harvested cropland .... farms  | 4,244           | 565          | 1,200           | 258            | 315            | 244              |
| acres  | 453,968         | (D)          | 6,292           | 3,380          | 5,224          | 6,371            |
| Pastureland and other land .... farms  | 235             | 18           | 147             | 13             | 19             | 10               |
| acres  | 2,310           | (D)          | 1,067           | 123            | 215            | 63               |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                 |              |                 |                |                |                  |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms  | 6,593           | 51           | 1,804           | 674            | 1,133          | 703              |
| acres  | 296,666         | 307          | 37,554          | 21,744         | 48,331         | 38,328           |
| Land used to raise certified organically produced crops (see text) .... farms  | 281             | 5            | 71              | 18             | 42             | 31               |
| acres  | 25,386          | (D)          | 1,009           | 461            | 1,478          | 1,891            |
| Land enrolled in Federal or other crop insurance programs (see text) .... farms                                      | 7,921           | 78           | 570             | 251            | 500            | 524              |
| acres  | 3,401,787       | 202          | 9,474           | 9,486          | 24,097         | 36,399           |
| <b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>  |                 |              |                 |                |                |                  |
| Estimated market value of land and buildings .... farms  | 53,296          | 3,210        | 18,393          | 4,760          | 6,617          | 4,590            |
| \$1,000  | 27,143,604      | 404,935      | 3,492,359       | 1,113,588      | 1,778,472      | 1,524,339        |
| Average per farm .... dollars  | 509,299         | 126,148      | 189,874         | 233,947        | 268,773        | 332,100          |
| Average per acre .... dollars  | 2,667           | 25,100       | 7,024           | 4,056          | 3,308          | 2,866            |
| Farms by value group:  |                 |              |                 |                |                |                  |
| \$1 to \$49,999 .....  | 3,811           | 1,198        | 2,371           | 156            | 61             | 19               |
| \$50,000 to \$99,999 .....   | 5,335           | 499          | 3,033           | 768            | 781            | 170              |
| \$100,000 to \$199,999 .....   | 13,564          | 716          | 6,777           | 1,725          | 2,106          | 1,261            |
| \$200,000 to \$499,999 .....   | 17,482          | 702          | 5,410           | 1,733          | 2,847          | 2,340            |
| \$500,000 to \$999,999 .....   | 6,913           | 78           | 551             | 301            | 689            | 695              |
| \$1,000,000 to \$1,999,999 .....   | 3,640           | 15           | 231             | 73             | 126            | 79               |
| \$2,000,000 to \$4,999,999 .....   | 2,074           | 2            | 20              | 2              | 7              | 26               |
| \$5,000,000 to \$9,999,999 .....   | 396             | -            | -               | 1              | -              | -                |
| \$10,000,000 or more .....   | 81              | -            | -               | 1              | -              | -                |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | 140 to 179 acres   | 180 to 219 acres   | 220 to 259 acres   | 260 to 499 acres   | 500 to 999 acres   | 1,000 to 1,999 acres | 2,000 or more acres |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>  |                    |                    |                    |                    |                    |                      |                     |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                                   |                    |                    |                    |                    |                    |                      |                     |
| Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000   | 184<br>227         | 209<br>245         | 171<br>181         | 757<br>1,464       | 674<br>2,105       | 384<br>2,129         | 104<br>1,130        |
| Other farm-related income sources (see text) .... farms \$1,000   | 371<br>2,557       | 258<br>1,236       | 204<br>922         | 701<br>2,938       | 525<br>4,709       | 344<br>5,001         | 110<br>4,630        |
| <b>LAND USE</b>   |                    |                    |                    |                    |                    |                      |                     |
| Total cropland ..... farms acres  | 3,050<br>332,110   | 2,035<br>285,922   | 1,565<br>275,249   | 4,236<br>1,153,634 | 2,832<br>1,652,980 | 1,461<br>1,729,935   | 495<br>1,395,380    |
| Harvested cropland ..... farms acres  | 2,625<br>232,337   | 1,813<br>215,374   | 1,432<br>215,519   | 3,994<br>985,834   | 2,761<br>1,520,052 | 1,444<br>1,646,462   | 490<br>1,333,947    |
| Farms by acres harvested:   |                    |                    |                    |                    |                    |                      |                     |
| 1 to 49 acres .....   | 648                | 292                | 164                | 265                | 58                 | 6                    | 1                   |
| 50 to 99 acres .....  | 845                | 375                | 217                | 264                | 52                 | 6                    | 2                   |
| 100 to 199 acres .....  | 1,132              | 985                | 562                | 728                | 102                | 17                   | 1                   |
| 200 to 499 acres .....  | -                  | 161                | 489                | 2,737              | 748                | 46                   | 7                   |
| 500 to 999 acres .....  | -                  | -                  | -                  | -                  | 1,801              | 376                  | 4                   |
| 1,000 to 1,999 acres .....  | -                  | -                  | -                  | -                  | -                  | 993                  | 101                 |
| 2,000 acres or more .....   | -                  | -                  | -                  | -                  | -                  | -                    | 374                 |
| Cropland-   |                    |                    |                    |                    |                    |                      |                     |
| For pasture or grazing only ..... farms acres   | 1,013<br>33,424    | 640<br>24,197      | 517<br>21,928      | 1,308<br>66,790    | 711<br>59,114      | 287<br>34,497        | 79<br>15,356        |
| On which all crops failed ..... farms acres   | 234<br>5,590       | 153<br>3,884       | 132<br>4,254       | 323<br>12,040      | 192<br>10,073      | 82<br>5,014          | 24<br>1,569         |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) ..... farms acres | 1,027<br>55,124    | 635<br>37,315      | 515<br>30,190      | 1,100<br>77,623    | 610<br>54,211      | 364<br>35,363        | 165<br>35,260       |
| In cultivated summer fallow ..... farms acres   | 259<br>5,635       | 186<br>5,152       | 134<br>3,358       | 323<br>11,347      | 190<br>9,530       | 113<br>8,599         | 55<br>9,248         |
| Total woodland ..... farms acres  | 2,129<br>99,639    | 1,378<br>75,803    | 1,085<br>67,924    | 2,851<br>229,862   | 1,754<br>194,588   | 862<br>135,829       | 294<br>81,644       |
| Woodland pastured ..... farms acres   | 441<br>14,999      | 269<br>8,850       | 224<br>10,883      | 578<br>29,713      | 342<br>28,195      | 137<br>14,791        | 39<br>12,379        |
| Woodland not pastured ..... farms acres   | 1,899<br>84,640    | 1,248<br>66,953    | 975<br>57,041      | 2,613<br>200,149   | 1,607<br>166,393   | 812<br>121,038       | 273<br>69,265       |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms acres                            | 601<br>17,395      | 346<br>12,045      | 306<br>11,748      | 741<br>37,285      | 396<br>31,363      | 167<br>24,353        | 47<br>10,891        |
| Land in house lots, ponds, roads, wasteland, etc. .... farms acres  | 2,195<br>48,417    | 1,445<br>37,320    | 1,090<br>28,831    | 2,975<br>105,151   | 1,998<br>102,453   | 1,035<br>78,448      | 375<br>51,210       |
| Irrigated land ..... farms acres  | 191<br>7,576       | 136<br>7,029       | 116<br>8,167       | 403<br>39,398      | 372<br>83,180      | 278<br>114,730       | 179<br>172,467      |
| Harvested cropland ..... farms acres  | 189<br>7,431       | 134<br>(D)         | 111<br>8,057       | 400<br>39,177      | 372<br>83,095      | 277<br>114,578       | 179<br>172,467      |
| Pastureland and other land ..... farms acres  | 3<br>145           | 5<br>(D)           | 5<br>110           | 6<br>221           | 5<br>85            | 4<br>152             | -<br>-              |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>  |                    |                    |                    |                    |                    |                      |                     |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs ..... farms acres  | 483<br>28,662      | 268<br>17,356      | 191<br>14,372      | 499<br>37,644      | 385<br>24,266      | 275<br>16,887        | 127<br>11,215       |
| Land used to raise certified organically produced crops (see text) ..... farms acres  | 22<br>2,122        | 16<br>1,491        | 10<br>741          | 41<br>6,895        | 18<br>7,497        | 6<br>1,559           | 1<br>(D)            |
| Land enrolled in Federal or other crop insurance programs (see text) ..... farms acres                                      | 511<br>46,132      | 446<br>52,256      | 370<br>54,378      | 1,660<br>373,444   | 1,580<br>758,424   | 1,034<br>1,052,101   | 397<br>985,394      |
| <b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>   |                    |                    |                    |                    |                    |                      |                     |
| Estimated market value of land and buildings ..... farms \$1,000  | 2,894<br>1,246,779 | 1,986<br>1,002,057 | 1,763<br>1,102,893 | 4,311<br>3,647,460 | 2,773<br>4,174,209 | 1,497<br>4,299,670   | 502<br>3,356,840    |
| Average per farm ..... dollars dollars  | 430,815<br>2,736   | 504,561<br>2,572   | 625,578<br>2,642   | 846,082<br>2,372   | 1,505,305<br>2,139 | 2,872,191<br>2,134   | 6,686,933<br>2,158  |
| Farms by value group:   |                    |                    |                    |                    |                    |                      |                     |
| \$1 to \$49,999 .....   | -                  | -                  | -                  | 6                  | -                  | -                    | -                   |
| \$50,000 to \$99,999 .....  | 65                 | 3                  | 5                  | 9                  | 2                  | -                    | -                   |
| \$100,000 to \$199,999 .....  | 542                | 239                | 78                 | 119                | 1                  | -                    | -                   |
| \$200,000 to \$499,999 .....  | 1,582              | 1,007              | 747                | 994                | 115                | 5                    | -                   |
| \$500,000 to \$999,999 .....  | 497                | 580                | 643                | 2,169              | 641                | 66                   | 3                   |
| \$1,000,000 to \$1,999,999 .....  | 164                | 110                | 240                | 758                | 1,491              | 341                  | 12                  |
| \$2,000,000 to \$4,999,999 .....  | 44                 | 47                 | 50                 | 254                | 475                | 974                  | 173                 |
| \$5,000,000 to \$9,999,999 .....  | -                  | -                  | -                  | 2                  | 47                 | 100                  | 246                 |
| \$10,000,000 or more .....  | -                  | -                  | -                  | -                  | 1                  | 11                   | 68                  |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                               | 1 to 9 acres     | 10 to 49 acres    | 50 to 69 acres    | 70 to 99 acres   | 100 to 139 acres |
|--|-------------------------------------|------------------|-------------------|-------------------|------------------|------------------|
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>              |                                     |                  |                   |                   |                  |                  |
| Estimated market value of all machinery and equipment .....      | farms \$1,000<br>3,761,334          | 50,891<br>73,479 | 2,836<br>822      | 16,944<br>416,253 | 4,590<br>154,746 | 6,459<br>245,601 |
| Farms by value group:  |                                     |                  |                   |                   |                  |                  |
| \$1 to \$4,999 .....   |                                     | 7,859            | 822               | 4,364             | 743              | 1,052            |
| \$5,000 to \$9,999 .....   |                                     | 6,747            | 508               | 3,487             | 792              | 928              |
| \$10,000 to \$19,999 .....                                       |                                     | 7,922            | 582               | 3,628             | 959              | 1,078            |
| \$20,000 to \$49,999 .....                                       |                                     | 12,075           | 574               | 3,636             | 1,356            | 2,002            |
| \$50,000 to \$99,999 .....                                       |                                     | 6,659            | 197               | 1,019             | 486              | 878              |
| \$100,000 to \$199,999 .....                                     |                                     | 4,515            | 97                | 529               | 107              | 362              |
| \$200,000 to \$499,999 .....                                     |                                     | 3,831            | 52                | 238               | 128              | 139              |
| \$500,000 or more .....  |                                     | 1,283            | 4                 | 43                | 19               | 20               |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>              |                                     |                  |                   |                   |                  |                  |
| Tractors .....   | farms number<br>137,474             | 47,627<br>3,544  | 2,245<br>27,301   | 15,438<br>9,603   | 4,386<br>15,550  | 6,096<br>12,294  |
| Less than 40 horsepower (PTO) .....                              | farms number<br>45,749              | 27,941<br>1,577  | 10,118<br>2,085   | 2,675<br>14,572   | 3,666<br>4,227   | 2,494<br>6,211   |
| 40 to 99 horsepower (PTO) .....                                  | farms number<br>32,722              | 61,456<br>1,319  | 8,390<br>11,209   | 2,775<br>4,288    | 4,391<br>7,788   | 3,409<br>6,284   |
| 100 horsepower (PTO) or more .....                               | farms number<br>15,011              | 30,269<br>140    | 116<br>1,520      | 1,394<br>1,088    | 829<br>1,181     | 1,384<br>1,551   |
| Grain and bean combines (see text) .....                         | farms number<br>14,308              | 12,487<br>75     | 67<br>1,108       | 1,057<br>665      | 665<br>725       | 1,084<br>1,158   |
| Cotton pickers and strippers .....                               | farms number<br>-                   | -                | -                 | -                 | -                | -                |
| Forage harvesters, self-propelled (see text) .....               | farms number<br>2,240               | 1,933<br>53      | 461<br>558        | 104<br>116        | 132<br>139       | 127<br>143       |
| Hay balers .....   | farms number<br>23,012              | 18,508<br>377    | 339<br>4,774      | 4,260<br>2,045    | 1,659<br>3,083   | 2,578<br>3,083   |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>                     |                                     |                  |                   |                   |                  |                  |
| Commercial fertilizer, lime, and soil conditioners .....         | farms acres treated<br>5,476,283    | 25,388<br>2,391  | 726<br>5,242      | 1,917<br>69,998   | 2,809<br>52,704  | 2,441<br>109,820 |
| Manure .....   | farms acres treated<br>11,955       | 11,955<br>156    | 437<br>28,373     | 906<br>14,246     | 1,329<br>22,386  | 1,088<br>27,029  |
| Acres treated with chemicals to control:                         |                                     |                  |                   |                   |                  |                  |
| Insects .....  | farms acres<br>990,827              | 8,314<br>568     | 2,063<br>21,862   | 455<br>8,882      | 705<br>19,448    | 577<br>26,145    |
| Weeds, grass, or brush .....                                     | farms acres<br>18,709               | 1,707<br>388     | 3,377<br>47,326   | 1,377<br>37,132   | 2,018<br>79,659  | 1,820<br>108,163 |
| Nematodes .....  | farms acres<br>4,387,194            | 971<br>1,348     | 235<br>1,479      | 11<br>31          | 77<br>2,602      | 81<br>2,244      |
| Diseases in crops and orchards .....                             | farms acres<br>86,159               | 86,159<br>3,315  | 250<br>810        | 195<br>3,568      | 367<br>8,361     | 287<br>12,136    |
| Chemicals used to control growth, thin fruit, or defoliate ..... | farms acres on which used<br>86,216 | 1,062<br>107     | 209<br>1,945      | 40<br>364         | 108<br>2,469     | 80<br>1,977      |
| <b>TENURE</b>  |                                     |                  |                   |                   |                  |                  |
| Full owners .....  | farms<br>14,199                     | 37,089<br>2,887  | 16,446<br>1,627   | 3,497<br>768      | 5,106<br>1,153   | 3,185<br>1,228   |
| Part owners .....  | farms<br>2,027                      | 2,027<br>212     | 590<br>160        |                   | 185              | 160              |
| <b>OWNED AND RENTED LAND</b>                                     |                                     |                  |                   |                   |                  |                  |
| Land owned .....   | farms acres<br>6,811,257            | 51,404<br>33,002 | 3,026<br>607,754  | 18,128<br>287,962 | 4,275<br>532,774 | 4,421<br>501,656 |
| Owned land in farms .....  | farms acres<br>51,288               | 51,288<br>3,023  | 18,073<br>468,391 | 4,265<br>227,453  | 6,259<br>466,393 | 4,413<br>446,002 |
| Land rented or leased from others .....                          | farms acres<br>3,908,154            | 16,374<br>359    | 2,278<br>42,957   | 942<br>31,471     | 1,356<br>59,824  | 1,404<br>87,570  |
| Rented or leased land in farms .....                             | farms acres<br>16,226               | 16,226<br>1,320  | 2,217<br>38,489   | 928<br>30,529     | 1,338<br>57,345  | 1,388<br>85,312  |
| Land rented or leased to others .....                            | farms acres<br>576,453              | 8,026<br>19,096  | 3,069<br>143,831  | 1,051<br>61,451   | 995<br>68,860    | 737<br>57,912    |
| <b>NUMBER OF OPERATORS</b>                                       |                                     |                  |                   |                   |                  |                  |
| Total operators .....  | number<br>79,883                    | 5,011            | 28,038            | 6,464             | 9,102            | 6,464            |
| Farms by number of operators:                                    |                                     |                  |                   |                   |                  |                  |
| 1 operator .....   |                                     | 31,833           | 1,801             | 10,792            | 2,705            | 4,164            |
| 2 operators .....  |                                     | 18,086           | 1,197             | 6,949             | 1,505            | 2,033            |
| 3 operators .....  |                                     | 2,376            | 178               | 601               | 143              | 167              |
| 4 operators .....  |                                     | 693              | 41                | 207               | 55               | 54               |
| 5 or more operators .....  |                                     | 327              | 18                | 114               | 17               | 20               |
| Total women operators .....                                      | number<br>22,560                    | 1,857            | 9,703             | 1,909             | 2,480            | 1,714            |
| Farms by number of women operators:                              |                                     |                  |                   |                   |                  |                  |
| 1 operator .....   |                                     | 19,397           | 1,570             | 8,235             | 1,645            | 2,214            |
| 2 operators .....  |                                     | 1,238            | 115               | 574               | 105              | 93               |
| 3 operators .....  |                                     | 152              | 19                | 66                | 14               | 16               |
| 4 operators .....  |                                     | 28               | -                 | 12                | 3                | 8                |
| 5 or more operators .....  |                                     | 16               | -                 | 9                 | -                | 5                |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | 140 to 179 acres                         | 180 to 219 acres | 220 to 259 acres | 260 to 499 acres   | 500 to 999 acres   | 1,000 to 1,999 acres | 2,000 or more acres |
|--|--|------------------|------------------|--------------------|--------------------|----------------------|---------------------|
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>              |  |                  |                  |                    |                    |                      |                     |
| Estimated market value of all machinery and equipment .....      | farms \$1,000<br>2,875<br>162,772        | 1,986<br>140,282 | 1,699<br>154,521 | 4,240<br>606,129   | 2,761<br>638,505   | 1,495<br>542,256     | 502<br>407,702      |
| Farms by value group:  |  |                  |                  |                    |                    |                      |                     |
| \$1 to \$4,999 .....   | 170                                      | 127              | 75               | 105                | 14                 | 3                    | 1                   |
| \$5,000 to \$9,999 .....   | 299                                      | 134              | 53               | 90                 | 24                 | 2                    | 1                   |
| \$10,000 to \$19,999 .....                                       | 393                                      | 173              | 143              | 264                | 39                 | 7                    | 2                   |
| \$20,000 to \$49,999 .....                                       | 944                                      | 549              | 393              | 698                | 220                | 57                   | 9                   |
| \$50,000 to \$99,999 .....                                       | 653                                      | 582              | 551              | 1,006              | 317                | 80                   | 6                   |
| \$100,000 to \$199,999 .....                                     | 288                                      | 287              | 326              | 1,087              | 822                | 260                  | 19                  |
| \$200,000 to \$499,999 .....                                     | 89                                       | 119              | 136              | 786                | 1,120              | 718                  | 134                 |
| \$500,000 or more .....  | 39                                       | 15               | 22               | 204                | 205                | 368                  | 330                 |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>              |  |                  |                  |                    |                    |                      |                     |
| Tractors .....   | farms number<br>2,789<br>8,669           | 1,860<br>6,208   | 1,636<br>18,160  | 4,111<br>15,617    | 2,740<br>15,617    | 1,482<br>9,484       | 496<br>4,353        |
| Less than 40 horsepower (PTO) .....                              | farms number<br>1,540<br>2,676           | 1,070<br>1,922   | 781<br>1,460     | 1,904<br>3,902     | 1,234<br>2,555     | 662<br>1,377         | 220<br>551          |
| 40 to 99 horsepower (PTO) .....                                  | farms number<br>2,107<br>4,416           | 1,533<br>3,450   | 1,455<br>3,176   | 3,583<br>8,450     | 2,382<br>6,452     | 1,260<br>3,331       | 378<br>1,293        |
| 100 horsepower (PTO) or more .....                               | farms number<br>1,114<br>1,577           | 887<br>1,319     | 958<br>1,572     | 2,985<br>5,808     | 2,359<br>6,610     | 1,328<br>4,776       | 476<br>2,509        |
| Grain and bean combines (see text) .....                         | farms number<br>932<br>1,075             | 625<br>755       | 637<br>748       | 2,411<br>2,659     | 2,013<br>2,320     | 1,278<br>1,579       | 441<br>674          |
| Cotton pickers and strippers .....                               | farms number<br>-<br>-                   | -<br>-           | -<br>-           | -<br>-             | -<br>-             | -<br>-               | -<br>-              |
| Forage harvesters, self-propelled (see text) .....               | farms number<br>65<br>73                 | 106<br>121       | 96<br>121        | 287<br>334         | 271<br>307         | 165<br>190           | 66<br>79            |
| Hay balers .....   | farms number<br>1,369<br>1,744           | 1,069<br>1,475   | 909<br>1,254     | 2,243<br>2,946     | 1,428<br>2,011     | 577<br>810           | 151<br>194          |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>                     |  |                  |                  |                    |                    |                      |                     |
| Commercial fertilizer, lime, and soil conditioners .....         | farms acres treated<br>1,704<br>155,958  | 1,293<br>128,149 | 1,250<br>157,887 | 3,533<br>808,698   | 2,548<br>1,224,169 | 1,437<br>1,452,020   | 488<br>1,165,944    |
| Manure .....   | farms acres treated<br>786<br>24,027     | 638<br>25,588    | 626<br>26,633    | 1,647<br>106,484   | 1,220<br>182,841   | 580<br>156,499       | 177<br>86,078       |
| Acres treated with chemicals to control:                         |  |                  |                  |                    |                    |                      |                     |
| Insects .....  | farms acres<br>474<br>25,825             | 308<br>23,404    | 299<br>26,061    | 997<br>154,442     | 987<br>218,140     | 626<br>262,983       | 255<br>201,928      |
| Weeds, grass, or brush .....                                     | farms acres<br>1,284<br>117,653          | 919<br>95,069    | 1,005<br>128,981 | 2,840<br>665,314   | 2,083<br>1,008,673 | 1,177<br>1,160,225   | 421<br>937,651      |
| Nematodes .....  | farms acres<br>73<br>3,979               | 42<br>1,867      | 44<br>4,517      | 153<br>12,436      | 109<br>14,262      | 63<br>19,885         | 32<br>22,754        |
| Diseases in crops and orchards .....                             | farms acres<br>176<br>8,962              | 201<br>11,564    | 100<br>8,576     | 313<br>43,121      | 313<br>79,791      | 190<br>65,156        | 113<br>96,889       |
| Chemicals used to control growth, thin fruit, or defoliate ..... | farms acres on which used<br>72<br>3,287 | 46<br>3,104      | 31<br>1,776      | 137<br>12,194      | 141<br>19,806      | 53<br>12,862         | 38<br>26,168        |
| <b>TENURE</b>  |  |                  |                  |                    |                    |                      |                     |
| Full owners .....  | farms<br>1,937                           | 1,115            | 758              | 1,471              | 489                | 150                  | 48                  |
| Part owners .....  | farms<br>1,095                           | 883              | 781              | 2,632              | 2,246              | 1,245                | 405                 |
| Tenants .....  | farms<br>131                             | 86               | 79               | 188                | 121                | 73                   | 42                  |
| <b>OWNED AND RENTED LAND</b>                                     |  |                  |                  |                    |                    |                      |                     |
| Land owned .....   | farms acres<br>3,038<br>440,696          | 2,000<br>340,957 | 1,544<br>299,822 | 4,110<br>1,061,861 | 2,738<br>1,144,118 | 1,395<br>942,599     | 453<br>618,056      |
| Owned land in farms .....  | farms acres<br>3,032<br>402,851          | 1,998<br>318,293 | 1,539<br>278,870 | 4,103<br>1,005,858 | 2,735<br>1,109,956 | 1,395<br>926,196     | 453<br>607,766      |
| Land rented or leased from others .....                          | farms acres<br>1,234<br>97,516           | 971<br>94,303    | 863<br>105,695   | 2,829<br>524,574   | 2,370<br>877,207   | 1,321<br>1,049,156   | 447<br>936,152      |
| Rented or leased land in farms .....                             | farms acres<br>1,226<br>94,710           | 969<br>92,797    | 860<br>104,882   | 2,820<br>520,074   | 2,367<br>871,428   | 1,318<br>1,042,369   | 447<br>931,359      |
| Land rented or leased to others .....                            | farms acres<br>453<br>40,651             | 289<br>24,170    | 204<br>21,765    | 439<br>60,503      | 211<br>39,941      | 96<br>23,190         | 44<br>15,083        |
| <b>NUMBER OF OPERATORS</b>                                       |  |                  |                  |                    |                    |                      |                     |
| Total operators .....  | number<br>4,513                          | 3,009            | 2,297            | 6,516              | 4,755              | 2,663                | 1,051               |
| Farms by number of operators:                                    |  |                  |                  |                    |                    |                      |                     |
| 1 operator .....   | 2,018                                    | 1,364            | 1,076            | 2,579              | 1,505              | 683                  | 163                 |
| 2 operators .....  | 991                                      | 594              | 448              | 1,330              | 962                | 497                  | 187                 |
| 3 operators .....  | 119                                      | 93               | 66               | 293                | 297                | 196                  | 89                  |
| 4 operators .....  | 26                                       | 17               | 18               | 66                 | 57                 | 70                   | 39                  |
| 5 or more operators .....  | 9  | 16               | 10               | 23                 | 35                 | 22                   | 17                  |
| Total women operators .....                                      | number<br>1,105                          | 686              | 483              | 1,336              | 801                | 361                  | 125                 |
| Farms by number of women operators:                              |  |                  |                  |                    |                    |                      |                     |
| 1 operator .....   | 977                                      | 577              | 421              | 1,153              | 705                | 283                  | 106                 |
| 2 operators .....  | 54                                       | 39               | 26               | 76                 | 37                 | 36                   | 8                   |
| 3 operators .....  | 4  | 5                | 2                | 9                  | 6                  | 2                    | 1                   |
| 4 operators .....  | 2  | -                | 1                | 1                  | 1                  | -                    | -                   |
| 5 or more operators .....  | -  | 2                | -                | -                  | -                  | -                    | -                   |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total          | 1 to 9 acres                    | 10 to 49 acres    | 50 to 69 acres         | 70 to 99 acres        | 100 to 139 acres        |
|--|----------------|---------------------------------|-------------------|------------------------|-----------------------|-------------------------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |                |                                 |                   |                        |                       |                         |
| Sex of operator:   |                |                                 |                   |                        |                       |                         |
| Male .....   | 47,411         | 2,507                           | 15,624            | 3,995                  | 5,847                 | 4,175                   |
| Female .....   | 5,904          | 728                             | 3,039             | 430                    | 597                   | 398                     |
| Primary occupation:  |                |                                 |                   |                        |                       |                         |
| Farming .....  | 29,071         | 1,293                           | 8,009             | 1,977                  | 3,108                 | 2,541                   |
| Other .....  | 24,244         | 1,942                           | 10,654            | 2,448                  | 3,336                 | 2,032                   |
| Place of residence:  |                |                                 |                   |                        |                       |                         |
| On farm operated .....                                       | 46,192         | 2,724                           | 16,144            | 3,812                  | 5,402                 | 3,926                   |
| Not on farm operated .....                                   | 7,123          | 511                             | 2,519             | 613                    | 1,042                 | 647                     |
| Days worked off farm:  |                |                                 |                   |                        |                       |                         |
| None .....   | 23,109         | 1,203                           | 6,507             | 1,579                  | 2,604                 | 2,031                   |
| Any .....  | 30,206         | 2,032                           | 12,156            | 2,846                  | 3,840                 | 2,542                   |
| 1 to 49 days .....   | 2,751          | 108                             | 872               | 195                    | 343                   | 250                     |
| 50 to 99 days .....  | 1,598          | 96                              | 526               | 166                    | 183                   | 138                     |
| 100 to 199 days .....  | 3,510          | 234                             | 1,249             | 303                    | 425                   | 286                     |
| 200 days or more .....                                       | 22,347         | 1,594                           | 9,509             | 2,182                  | 2,889                 | 1,868                   |
| Years on present farm:                                       |                |                                 |                   |                        |                       |                         |
| 2 years or less .....  | 1,537          | 163                             | 767               | 131                    | 183                   | 95                      |
| 3 or 4 years .....   | 3,154          | 341                             | 1,608             | 289                    | 348                   | 201                     |
| 5 to 9 years .....   | 8,777          | 730                             | 4,094             | 806                    | 1,081                 | 658                     |
| 10 years or more .....                                       | 39,847         | 2,001                           | 12,194            | 3,199                  | 4,832                 | 3,619                   |
| Average years on present farm .....                          | 21.5           | 15.0                            | 17.1              | 20.3                   | 21.7                  | 24.1                    |
| Age group:   |                |                                 |                   |                        |                       |                         |
| Under 25 years .....   | 435            | 31                              | 186               | 40                     | 29                    | 26                      |
| 25 to 34 years .....   | 2,532          | 238                             | 958               | 172                    | 274                   | 210                     |
| 35 to 44 years .....   | 10,489         | 841                             | 4,132             | 895                    | 1,103                 | 692                     |
| 45 to 49 years .....   | 7,462          | 555                             | 2,782             | 651                    | 822                   | 570                     |
| 50 to 54 years .....   | 7,765          | 544                             | 2,982             | 618                    | 867                   | 547                     |
| 55 to 59 years .....   | 6,666          | 342                             | 2,229             | 527                    | 838                   | 601                     |
| 60 to 64 years .....   | 6,014          | 274                             | 2,000             | 478                    | 739                   | 585                     |
| 65 to 69 years .....   | 4,407          | 134                             | 1,283             | 410                    | 647                   | 442                     |
| 70 years and over .....                                      | 7,545          | 276                             | 2,111             | 634                    | 1,125                 | 900                     |
| Average age .....  | 54.2           | 50.1                            | 52.7              | 54.3                   | 55.8                  | 56.7                    |
| Spanish, Hispanic, or Latino origin (see text) .....         | 828            | 66                              | 295               | 91                     | 98                    | 49                      |
| Race:  |                |                                 |                   |                        |                       |                         |
| White .....  | 52,795         | 3,192                           | 18,404            | 4,377                  | 6,383                 | 4,546                   |
| Black or African American .....                              | 184            | 8                               | 101               | 10                     | 27                    | 11                      |
| American Indian or Alaska Native .....                       | 146            | 15                              | 66                | 16                     | 13                    | 7                       |
| Native Hawaiian or Other Pacific Islander .....              | 13             | -                               | 7                 | -                      | 5                     | -                       |
| Asian .....  | 30             | 7                               | 11                | 9                      | 1                     | 2                       |
| More than one race reported .....                            | 147            | 13                              | 74                | 13                     | 15                    | 7                       |
| Operators living on an American Indian reservation .....     | 76             | 5                               | 25                | 4                      | 14                    | 5                       |
| Farms by number of persons living in operator's household:   |                |                                 |                   |                        |                       |                         |
| 1 person .....   | 5,692          | 281                             | 1,933             | 479                    | 789                   | 596                     |
| 2 people .....   | 24,554         | 1,270                           | 8,214             | 2,105                  | 3,169                 | 2,199                   |
| 3 people .....   | 7,823          | 612                             | 2,943             | 590                    | 864                   | 616                     |
| 4 people .....   | 8,162          | 513                             | 3,098             | 700                    | 898                   | 571                     |
| 5 or more people .....                                       | 7,084          | 559                             | 2,475             | 551                    | 724                   | 591                     |
| Percent of operator's total household income from farming:   |                |                                 |                   |                        |                       |                         |
| Less than 25 percent .....                                   | 34,565         | 2,370                           | 15,019            | 3,469                  | 4,799                 | 3,025                   |
| 25 to 49 percent .....                                       | 5,262          | 219                             | 1,275             | 361                    | 661                   | 613                     |
| 50 to 74 percent .....                                       | 4,734          | 178                             | 893               | 221                    | 383                   | 391                     |
| 75 to 99 percent .....                                       | 3,083          | 113                             | 447               | 142                    | 260                   | 212                     |
| 100 percent .....  | 4,646          | 275                             | 741               | 168                    | 252                   | 257                     |
| Operator is a hired manager .....                            | farms<br>acres | 1,025<br>396,227                | 80<br>358         | 288<br>7,081           | 64<br>3,704           | 89<br>7,205             |
| Farms with-  |                |                                 |                   |                        |                       |                         |
| Computer for farm business .....                             | 20,937         | 1,534                           | 7,085             | 1,518                  | 1,947                 | 1,399                   |
| Internet access .....  | 27,663         | 2,028                           | 10,336            | 2,219                  | 2,871                 | 1,963                   |
| Farms by number of households sharing in net income of farm: |                |                                 |                   |                        |                       |                         |
| 1 household .....  | 43,032         | 2,697                           | 16,068            | 3,725                  | 5,425                 | 3,769                   |
| 2 households .....   | 6,815          | 360                             | 1,708             | 498                    | 720                   | 585                     |
| 3 households .....   | 1,345          | 41                              | 238               | 74                     | 114                   | 72                      |
| 4 households .....   | 603            | 26                              | 218               | 28                     | 62                    | 36                      |
| 5 households or more .....                                   | 495            | 31                              | 143               | 36                     | 34                    | 36                      |
| <b>FARMS BY TYPE OF ORGANIZATION</b>                         |                |                                 |                   |                        |                       |                         |
| Family or individual .....                                   | farms<br>acres | 48,070<br>7,430,707             | 2,873<br>14,117   | 17,636<br>481,060      | 4,130<br>240,679      | 6,025<br>489,775        |
| Partnership .....  | farms<br>acres | 3,172                           | 162               | 490                    | 171                   | 271                     |
| Registered under state law .....                             | farms<br>acres | 1,737,310<br>1,883<br>1,278,271 | 763<br>109<br>509 | 13,027<br>279<br>7,142 | 10,022<br>84<br>4,918 | 21,927<br>130<br>10,527 |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | 140 to 179 acres | 180 to 219 acres | 220 to 259 acres | 260 to 499 acres | 500 to 999 acres | 1,000 to 1,999 acres | 2,000 or more acres |
|--|------------------|------------------|------------------|------------------|------------------|----------------------|---------------------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |                  |                  |                  |                  |                  |                      |                     |
| Sex of operator:   |                  |                  |                  |                  |                  |                      |                     |
| Male .....   | 2,916            | 1,981            | 1,528            | 4,118            | 2,794            | 1,440                | 486                 |
| Female .....   | 247              | 103              | 90               | 173              | 62               | 28                   | 9                   |
| Primary occupation:  |                  |                  |                  |                  |                  |                      |                     |
| Farming .....  | 1,985            | 1,374            | 1,110            | 3,285            | 2,528            | 1,382                | 479                 |
| Other .....  | 1,178            | 710              | 508              | 1,006            | 328              | 86                   | 16                  |
| Place of residence:  |                  |                  |                  |                  |                  |                      |                     |
| On farm operated .....                                       | 2,737            | 1,826            | 1,431            | 3,840            | 2,601            | 1,333                | 416                 |
| Not on farm operated .....                                   | 426              | 258              | 187              | 451              | 255              | 135                  | 79                  |
| Days worked off farm:  |                  |                  |                  |                  |                  |                      |                     |
| None .....   | 1,495            | 1,009            | 814              | 2,378            | 1,931            | 1,115                | 443                 |
| Any .....  | 1,668            | 1,075            | 804              | 1,913            | 925              | 353                  | 52                  |
| 1 to 49 days .....   | 172              | 96               | 77               | 282              | 212              | 127                  | 17                  |
| 50 to 99 days .....  | 103              | 61               | 56               | 131              | 93               | 42                   | 3                   |
| 100 to 199 days .....  | 221              | 160              | 119              | 272              | 181              | 52                   | 8                   |
| 200 days or more .....                                       | 1,172            | 758              | 552              | 1,228            | 439              | 132                  | 24                  |
| Years on present farm:                                       |                  |                  |                  |                  |                  |                      |                     |
| 2 years or less .....  | 43               | 34               | 19               | 56               | 23               | 19                   | 4                   |
| 3 or 4 years .....   | 91               | 64               | 42               | 91               | 56               | 15                   | 8                   |
| 5 to 9 years .....   | 347              | 232              | 163              | 367              | 190              | 81                   | 28                  |
| 10 years or more .....                                       | 2,682            | 1,754            | 1,394            | 3,777            | 2,587            | 1,353                | 455                 |
| Average years on present farm .....                          | 26.7             | 26.9             | 27.3             | 28.0             | 28.0             | 28.0                 | 27.9                |
| Age group:   |                  |                  |                  |                  |                  |                      |                     |
| Under 25 years .....   | 26               | 14               | 11               | 50               | 14               | 7                    | 1                   |
| 25 to 34 years .....   | 113              | 76               | 63               | 193              | 161              | 59                   | 15                  |
| 35 to 44 years .....   | 445              | 356              | 249              | 749              | 561              | 359                  | 107                 |
| 45 to 49 years .....   | 380              | 235              | 186              | 534              | 421              | 239                  | 87                  |
| 50 to 54 years .....   | 362              | 283              | 214              | 611              | 446              | 216                  | 75                  |
| 55 to 59 years .....   | 441              | 247              | 219              | 546              | 386              | 211                  | 79                  |
| 60 to 64 years .....   | 413              | 265              | 189              | 509              | 351              | 159                  | 52                  |
| 65 to 69 years .....   | 351              | 212              | 163              | 396              | 233              | 102                  | 34                  |
| 70 years and over .....                                      | 632              | 396              | 324              | 703              | 283              | 116                  | 45                  |
| Average age .....  | 57.5             | 56.5             | 56.6             | 55.2             | 53.1             | 52.1                 | 52.8                |
| Spanish, Hispanic, or Latino origin (see text) .....         | 51               | 19               | 28               | 54               | 53               | 15                   | 9                   |
| Race:  |                  |                  |                  |                  |                  |                      |                     |
| White .....  | 3,146            | 2,075            | 1,607            | 4,270            | 2,837            | 1,463                | 495                 |
| Black or African American .....                              | 3                | 2                | 4                | 6                | 12               | -                    | -                   |
| American Indian or Alaska Native .....                       | 7                | 2                | 3                | 11               | 4                | 2                    | -                   |
| Native Hawaiian or Other Pacific Islander .....              | -                | -                | -                | 1                | -                | -                    | -                   |
| Asian .....  | -                | -                | -                | -                | -                | -                    | -                   |
| More than one race reported .....                            | 7                | 5                | 4                | 3                | 3                | 3                    | -                   |
| Operators living on an American Indian reservation .....     | 7                | 3                | -                | 5                | 7                | -                    | 1                   |
| Farms by number of persons living in operator's household:   |                  |                  |                  |                  |                  |                      |                     |
| 1 person .....   | 403              | 263              | 183              | 414              | 238              | 89                   | 24                  |
| 2 people .....   | 1,617            | 1,030            | 801              | 2,025            | 1,269            | 642                  | 213                 |
| 3 people .....   | 407              | 290              | 222              | 616              | 395              | 195                  | 73                  |
| 4 people .....   | 388              | 269              | 216              | 669              | 471              | 267                  | 102                 |
| 5 or more people .....                                       | 348              | 232              | 196              | 567              | 483              | 275                  | 83                  |
| Percent of operator's total household income from farming:   |                  |                  |                  |                  |                  |                      |                     |
| Less than 25 percent .....                                   | 1,870            | 1,073            | 748              | 1,480            | 520              | 156                  | 36                  |
| 25 to 49 percent .....                                       | 443              | 341              | 271              | 627              | 276              | 153                  | 22                  |
| 50 to 74 percent .....                                       | 395              | 288              | 268              | 850              | 555              | 250                  | 62                  |
| 75 to 99 percent .....                                       | 162              | 135              | 120              | 504              | 556              | 327                  | 105                 |
| 100 percent .....  | 239              | 212              | 176              | 717              | 871              | 513                  | 225                 |
| Operator is a hired manager .....                            | farms            | 35               | 35               | 113              | 78               | 69                   | 45                  |
|  | acres            | 8,402            | 6,955            | 8,271            | 41,117           | 54,610               | 95,553              |
| Farms with-  |                  |                  |                  |                  |                  |                      |                     |
| Computer for farm business .....                             | 1,030            | 744              | 635              | 1,909            | 1,696            | 1,036                | 404                 |
| Internet access .....  | 1,328            | 936              | 761              | 2,131            | 1,669            | 1,022                | 399                 |
| Farms by number of households sharing in net income of farm: |                  |                  |                  |                  |                  |                      |                     |
| 1 household .....  | 2,558            | 1,671            | 1,277            | 3,186            | 1,776            | 733                  | 147                 |
| 2 households .....   | 444              | 288              | 234              | 762              | 667              | 397                  | 152                 |
| 3 households .....   | 59               | 50               | 42               | 154              | 210              | 186                  | 105                 |
| 4 households .....   | 24               | 18               | 15               | 43               | 53               | 56                   | 24                  |
| 5 households or more .....                                   | 24               | 22               | 15               | 33               | 72               | 27                   | 22                  |
| <b>F FARMS BY TYPE OF ORGANIZATION</b>                       |                  |                  |                  |                  |                  |                      |                     |
| Family or individual .....                                   | farms            | 2,903            | 1,889            | 1,448            | 3,689            | 2,111                | 895                 |
|  | acres            | 456,618          | 372,641          | 343,144          | 1,304,724        | 1,447,665            | 1,186,267           |
| Partnership .....  | farms            | 164              | 130              | 122              | 408              | 499                  | 360                 |
|  | acres            | 25,909           | 25,736           | 29,115           | 150,696          | 355,465              | 486,920             |
| Registered under state law .....                             | farms            | 69               | 56               | 59               | 236              | 340                  | 271                 |
|  | acres            | 10,912           | 11,068           | 14,130           | 88,820           | 243,031              | 364,465             |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total            | 1 to 9 acres      | 10 to 49 acres | 50 to 69 acres  | 70 to 99 acres  | 100 to 139 acres |
|---|------------------|-------------------|----------------|-----------------|-----------------|------------------|
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>   |                  |                   |                |                 |                 |                  |
| Corporation .....   | farms<br>acres   | 1,817<br>911,349  | 175<br>660     | 472<br>11,031   | 97<br>5,708     | 117<br>9,494     |
| Family held .....   | farms<br>acres   | 1,683<br>875,773  | 155<br>(D)     | 428<br>10,109   | 88<br>5,193     | 106<br>8,562     |
| More than 10 stockholders .....   | farms            | 24                | 2              | 6               | 3               | (D)              |
| 10 or less stockholders .....   | farms            | 1,659             | 153            | 422             | 85              | 106              |
| Other than family held .....  | farms<br>acres   | 134<br>35,576     | 20<br>(D)      | 44<br>922       | 9<br>515        | 11<br>932        |
| More than 10 stockholders .....   | farms            | 16                | -              | 10              | -               | -                |
| 10 or less stockholders .....   | farms            | 118               | 20             | 34              | 9               | 11               |
| Other-cooperative, estate<br>or trust, institutional, etc .....                         | farms<br>acres   | 256<br>63,592     | 25<br>95       | 65<br>1,762     | 27<br>1,573     | 31<br>2,542      |
| <b>H HIRED FARM LABOR</b>   |                  |                   |                |                 |                 |                  |
| Hired farm labor .....  | farms<br>workers | 12,279<br>86,855  | 660<br>4,437   | 2,859<br>13,450 | 721<br>3,317    | 968<br>3,967     |
| Workers by days worked:   |                  |                   |                |                 |                 |                  |
| 150 days or more .....  | farms<br>workers | 4,414<br>23,034   | 222<br>1,159   | 593<br>2,950    | 152<br>743      | 137<br>551       |
| Less than 150 days .....  | farms<br>workers | 10,635<br>63,821  | 601<br>3,278   | 2,649<br>10,500 | 642<br>2,574    | 892<br>3,416     |
| Migrant farm labor on farms with hired<br>labor (see text) .....                        | farms            | 1,412             | 44             | 206             | 118             | 113              |
| Migrant farm labor on farms reporting<br>only contract labor (see text) .....           | farms            | 143               | 7              | 78              | 8               | 11               |
| <b>F FARMS BY SIZE</b>  |                  |                   |                |                 |                 |                  |
| 1 to 9 acres .....  |                  | 3,235             | 3,235          | -               | -               | -                |
| 10 to 49 acres .....  |                  | 18,663            | -              | 18,663          | -               | -                |
| 50 to 69 acres .....  |                  | 4,425             | -              | -               | 4,425           | -                |
| 70 to 99 acres .....  |                  | 6,444             | -              | -               | -               | 6,444            |
| 100 to 139 acres .....  |                  | 4,573             | -              | -               | -               | 4,573            |
| 140 to 179 acres .....  |                  | 3,163             | -              | -               | -               | -                |
| 180 to 219 acres .....  |                  | 2,084             | -              | -               | -               | -                |
| 220 to 259 acres .....  |                  | 1,618             | -              | -               | -               | -                |
| 260 to 499 acres .....  |                  | 4,291             | -              | -               | -               | -                |
| 500 to 999 acres .....  |                  | 2,856             | -              | -               | -               | -                |
| 1,000 to 1,999 acres .....  |                  | 1,468             | -              | -               | -               | -                |
| 2,000 acres or more .....   |                  | 495               | -              | -               | -               | -                |
| <b>F FARMS BY NORTH AMERICAN<br/>INDUSTRY CLASSIFICATION (NAICS)</b>                    |                  |                   |                |                 |                 |                  |
| Oilseed and grain farming (1111) .....  |                  | 13,465            | 67             | 2,537           | 1,034           | 1,648            |
| Vegetable and melon farming (1112) .....  |                  | 1,610             | 125            | 587             | 128             | 161              |
| Fruit and tree nut farming (1113) .....   |                  | 2,376             | 218            | 880             | 225             | 326              |
| Greenhouse, nursery, and floriculture<br>production (1114) .....                        |                  | 3,170             | 663            | 1,362           | 223             | 292              |
| Other crop farming (1119) .....   |                  | 14,259            | 171            | 5,601           | 1,628           | 2,320            |
| Tobacco farming (11191) .....   |                  | -                 | -              | -               | -               | -                |
| Cotton farming (11192) .....  |                  | -                 | -              | -               | -               | -                |
| Sugarcane farming, hay farming, and all<br>other crop farming (11193,11194,11199) ..... |                  | 14,259            | 171            | 5,601           | 1,628           | 2,320            |
| Beef cattle ranching and farming (11211) .....  |                  | 4,115             | 297            | 1,365           | 346             | 568              |
| Cattle feedlots (11212) .....   |                  | 2,232             | 134            | 698             | 190             | 260              |
| Dairy cattle and milk production (11212) .....  |                  | 2,489             | 33             | 110             | 62              | 173              |
| Hog and pig farming (1122) .....  |                  | 838               | 123            | 296             | 66              | 68               |
| Poultry and egg production (1123) .....   |                  | 604               | 121            | 279             | 45              | 60               |
| Sheep and goat farming (1124) .....   |                  | 942               | 147            | 485             | 80              | 107              |
| Animal aquaculture and other animal<br>production (1125, 1129) .....                    |                  | 7,215             | 1,136          | 4,463           | 398             | 461              |
| <b>L LIVESTOCK</b>  |                  |                   |                |                 |                 |                  |
| Cattle and calves inventory .....   | farms<br>number  | 14,495<br>998,204 | 517<br>9,033   | 3,435<br>70,239 | 1,058<br>18,721 | 1,769<br>37,804  |
| Farms with-   |                  |                   |                |                 |                 |                  |
| 1 to 9 .....  |                  | 4,512             | 346            | 2,137           | 501             | 633              |
| 10 to 49 .....  |                  | 5,995             | 138            | 1,199           | 511             | 1,021            |
| 50 to 99 .....  |                  | 1,656             | 12             | 49              | 37              | 88               |
| 100 to 199 .....  |                  | 1,186             | 16             | 17              | 4               | 22               |
| 200 to 499 .....  |                  | 856               | 4              | 19              | 2               | 39               |
| 500 or more .....   |                  | 290               | 1              | 14              | 3               | 7                |
| Cows and heifers that had calved .....  | farms<br>number  | 10,730<br>415,993 | 261<br>3,329   | 2,316<br>26,692 | 786<br>9,318    | 1,353<br>17,829  |
| Beef cows .....   | farms<br>number  | 8,144<br>117,564  | 219<br>1,449   | 2,153<br>13,118 | 699<br>5,468    | 1,156<br>10,637  |
| Farms with-   |                  |                   |                |                 |                 |                  |
| 1 to 9 .....  |                  | 4,299             | 181            | 1,731           | 495             | 702              |
| 10 to 49 .....  |                  | 3,463             | 37             | 418             | 202             | 449              |
| 50 to 99 .....  |                  | 286               | 1              | 4               | 2               | 5                |
| 100 to 199 .....  |                  | 81                | -              | -               | -               | 10               |
| 200 to 499 .....  |                  | 14                | -              | -               | -               | 2                |
| 500 or more .....   |                  | 1                 | -              | -               | -               | -                |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | 140 to 179 acres | 180 to 219 acres | 220 to 259 acres | 260 to 499 acres | 500 to 999 acres | 1,000 to 1,999 acres | 2,000 or more acres |
|---|------------------|------------------|------------------|------------------|------------------|----------------------|---------------------|
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>   |                  |                  |                  |                  |                  |                      |                     |
| Corporation .....   | farms<br>acres   | 69<br>10,800     | 53<br>10,384     | 42<br>10,020     | 180<br>65,229    | 237<br>172,601       | 203<br>281,813      |
| Family held .....   | farms<br>acres   | 64<br>10,003     | 43<br>8,443      | 40<br>(D)        | 167<br>60,913    | 227<br>165,849       | 197<br>272,443      |
| More than 10 stockholders .....   | farms<br>acres   | 2<br>62          | 2<br>43          | 2<br>38          | 2<br>165         | 2<br>225             | 2<br>195            |
| 10 or less stockholders .....   | farms<br>acres   | 62<br>4          | 43<br>8          | 38<br>2          | 165<br>12        | 225<br>9             | 195<br>6            |
| Other than family held .....  | farms<br>acres   | 5<br>797         | 10<br>1,941      | 2<br>(D)         | 13<br>4,316      | 10<br>6,752          | 6<br>9,370          |
| More than 10 stockholders .....   | farms<br>acres   | 1<br>1           | 2<br>8           | -<br>2           | 1<br>12          | 1<br>9               | -<br>6              |
| 10 or less stockholders .....   | farms<br>acres   | 4<br>4           | 8<br>2           | 2<br>12          | 12<br>9          | 9<br>6               | 2<br>2              |
| Other-cooperative, estate<br>or trust, institutional, etc .....                         | farms<br>acres   | 27<br>4,234      | 12<br>2,329      | 6<br>1,473       | 14<br>5,283      | 9<br>5,653           | 10<br>13,565        |
| <b>H HIRED FARM LABOR</b>   |                  |                  |                  |                  |                  |                      |                     |
| Hired farm labor .....  | farms<br>workers | 508<br>3,861     | 529<br>5,033     | 560<br>3,012     | 1,610<br>11,592  | 1,445<br>14,840      | 1,032<br>9,900      |
| Workers by days worked:   |                  |                  |                  |                  |                  |                      |                     |
| 150 days or more .....  | farms<br>workers | 133<br>852       | 155<br>750       | 168<br>593       | 649<br>2,722     | 860<br>4,400         | 730<br>3,423        |
| Less than 150 days .....  | farms<br>workers | 468<br>3,009     | 490<br>4,283     | 530<br>2,419     | 1,311<br>8,870   | 1,127<br>10,440      | 763<br>6,477        |
| Migrant farm labor on farms with hired<br>labor (see text) .....                        | farms            | 89               | 79               | 28               | 183              | 195                  | 128                 |
| Migrant farm labor on farms reporting<br>only contract labor (see text) .....           | farms            | 5                | 7                | -                | 1                | 15                   | 2                   |
| <b>F FARMS BY SIZE</b>  |                  |                  |                  |                  |                  |                      |                     |
| 1 to 9 acres .....  | -                | -                | -                | -                | -                | -                    | -                   |
| 10 to 49 acres .....  | -                | -                | -                | -                | -                | -                    | -                   |
| 50 to 69 acres .....  | -                | -                | -                | -                | -                | -                    | -                   |
| 70 to 99 acres .....  | -                | -                | -                | -                | -                | -                    | -                   |
| 100 to 139 acres .....  | -                | -                | -                | -                | -                | -                    | -                   |
| 140 to 179 acres .....  | 3,163            | -                | -                | -                | -                | -                    | -                   |
| 180 to 219 acres .....  | -                | 2,084            | -                | -                | -                | -                    | -                   |
| 220 to 259 acres .....  | -                | -                | 1,618            | -                | -                | -                    | -                   |
| 260 to 499 acres .....  | -                | -                | -                | 4,291            | -                | -                    | -                   |
| 500 to 999 acres .....  | -                | -                | -                | -                | 2,856            | -                    | -                   |
| 1,000 to 1,999 acres .....  | -                | -                | -                | -                | -                | 1,468                | -                   |
| 2,000 acres or more .....   | -                | -                | -                | -                | -                | -                    | 495                 |
| <b>F FARMS BY NORTH AMERICAN<br/>INDUSTRY CLASSIFICATION (NAICS)</b>                    |                  |                  |                  |                  |                  |                      |                     |
| Oilseed and grain farming (1111) .....  | 1,041            | 764              | 651              | 1,824            | 1,375            | 864                  | 312                 |
| Vegetable and melon farming (1112) .....  | 76               | 55               | 46               | 142              | 100              | 61                   | 37                  |
| Fruit and tree nut farming (1113) .....   | 132              | 100              | 59               | 143              | 79               | 18                   | 6                   |
| Greenhouse, nursery, and floriculture<br>production (1114) .....                        | 124              | 65               | 56               | 118              | 45               | 16                   | 5                   |
| Other crop farming (1119) .....   | 912              | 552              | 351              | 741              | 322              | 121                  | 53                  |
| Tobacco farming (11191) .....   | -                | -                | -                | -                | -                | -                    | -                   |
| Cotton farming (11192) .....  | -                | -                | -                | -                | -                | -                    | -                   |
| Sugarcane farming, hay farming, and all<br>other crop farming (11193,11194,11199) ..... | 912              | 552              | 351              | 741              | 322              | 121                  | 53                  |
| Beef cattle ranching and farming (11211) .....  | 322              | 199              | 136              | 303              | 119              | 47                   | 3                   |
| Cattle feedlots (11212) .....   | 183              | 120              | 77               | 173              | 96               | 50                   | 20                  |
| Dairy cattle and milk production (11212) .....  | 157              | 137              | 142              | 657              | 581              | 228                  | 40                  |
| Hog and pig farming (1122) .....  | 29               | 23               | 15               | 53               | 67               | 33                   | 13                  |
| Poultry and egg production (1123) .....   | 10               | 10               | 8                | 22               | 13               | 6                    | 1                   |
| Sheep and goat farming (1124) .....   | 28               | 9                | 17               | 13               | 4                | 1                    | -                   |
| Animal aquaculture and other animal<br>production (1125, 1129) .....                    | 149              | 50               | 60               | 102              | 55               | 23                   | 5                   |
| <b>L LIVESTOCK</b>  |                  |                  |                  |                  |                  |                      |                     |
| Cattle and calves inventory .....   | farms<br>number  | 1,117<br>41,254  | 774<br>37,077    | 633<br>34,157    | 1,838<br>171,468 | 1,263<br>229,144     | 557<br>195,118      |
| Farms with-   |                  |                  |                  |                  |                  |                      |                     |
| 1 to 9 .....  | -                | 181              | 100              | 64               | 120              | 66                   | 26                  |
| 10 to 49 .....  | -                | 675              | 392              | 296              | 625              | 193                  | 64                  |
| 50 to 99 .....  | -                | 198              | 212              | 178              | 485              | 192                  | 40                  |
| 100 to 199 .....  | -                | 52               | 63               | 84               | 424              | 355                  | 97                  |
| 200 to 499 .....  | -                | 9                | 5                | 10               | 171              | 386                  | 209                 |
| 500 or more .....   | -                | 2                | 2                | 1                | 13               | 71                   | 121                 |
| Cows and heifers that had calved .....  | farms<br>number  | 877<br>17,632    | 603<br>16,695    | 512<br>14,821    | 1,468<br>75,232  | 976<br>97,783        | 383<br>82,185       |
| Beef cows .....   | farms<br>number  | 713<br>11,003    | 474<br>8,151     | 366<br>7,258     | 849<br>20,267    | 410<br>16,165        | 145<br>9,564        |
| Farms with-   |                  |                  |                  |                  |                  |                      |                     |
| 1 to 9 .....  | -                | 258              | 157              | 89               | 184              | 66                   | 22                  |
| 10 to 49 .....  | -                | 439              | 295              | 255              | 582              | 215                  | 52                  |
| 50 to 99 .....  | -                | 16               | 21               | 21               | 74               | 97                   | 31                  |
| 100 to 199 .....  | -                | -                | 1                | 1                | 9                | 30                   | 32                  |
| 200 to 499 .....  | -                | -                | -                | -                | -                | 2                    | 7                   |
| 500 or more .....   | -                | -                | -                | -                | -                | -                    | 1                   |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total           | 1 to 9 acres                             | 10 to 49 acres           | 50 to 69 acres           | 70 to 99 acres         | 100 to 139 acres       |
|---|-----------------|--|--------------------------|--------------------------|------------------------|------------------------|
| <b>LIVESTOCK - Con.</b>   |                 |  |                          |                          |                        |                        |
| Cattle and calves inventory - Con.<br>Cows and heifers that had calved - Con. |                 |  |                          |                          |                        |                        |
| Milk cows .....   | farms<br>number | 3,013<br>298,429                         | 54<br>1,880              | 235<br>13,574            | 115<br>3,850           | 239<br>7,192           |
| Farms with-   |                 |  |                          |                          |                        |                        |
| 1 to 4 .....  |                 | 378                                      | 32                       | 143                      | 44                     | 58                     |
| 5 to 9 .....  |                 | 131                                      | 2                        | 22                       | 30                     | 24                     |
| 10 to 49 .....  |                 | 940                                      | 11                       | 43                       | 34                     | 19                     |
| 50 to 99 .....  |                 | 723                                      | 3                        | 8                        | 3                      | 20                     |
| 100 to 199 .....  |                 | 546                                      | 5                        | 7                        | 1                      | 1                      |
| 200 to 499 .....  |                 | 217                                      | -                        | 5                        | -                      | 2                      |
| 500 or more .....   |                 | 78                                       | 1                        | 7                        | 3                      | 1                      |
| Other cattle (see text) .....   | farms<br>number | 12,711<br>582,211                        | 409<br>5,704             | 2,628<br>43,547          | 871<br>9,403           | 1,530<br>19,975        |
| Cattle and calves sold .....  | farms<br>number | 11,293<br>516,107                        | 391<br>7,865             | 2,027<br>57,154          | 673<br>10,750          | 1,240<br>17,671        |
| Calves weighing less than 500 pounds .....                                    | farms<br>number | \$1,000<br>298,517                       | 4,348<br>133             | 29,919<br>573            | 5,202<br>238           | 1,131<br>8,985         |
| Cattle, including calves weighing 500 pounds or more .....                    | farms<br>number | 10,182<br>366,133                        | 339<br>4,139             | 1,816<br>29,242          | 585<br>5,817           | 1,094<br>11,279        |
| Cattle on feed (see text) .....   | farms<br>number | 4,590<br>207,660                         | 168<br>2,552             | 931<br>18,842            | 291<br>2,562           | 468<br>3,904           |
| Hogs and pigs inventory .....   | farms<br>number | 2,180<br>927,400                         | 210<br>43,235            | 618<br>75,348            | 187<br>14,888          | 254<br>27,507          |
| Farms with-   |                 |  |                          |                          |                        |                        |
| 1 to 24 .....   |                 | 1,291                                    | 155                      | 502                      | 131                    | 166                    |
| 25 to 49 .....  |                 | 184                                      | 16                       | 32                       | 14                     | 29                     |
| 50 to 99 .....  |                 | 151                                      | 9                        | 22                       | 16                     | 20                     |
| 100 to 199 .....  |                 | 120                                      | 8                        | 22                       | 8                      | 15                     |
| 200 to 499 .....  |                 | 129                                      | 7                        | 9                        | 13                     | 12                     |
| 500 or more .....   |                 | 305                                      | 15                       | 31                       | 5                      | 9                      |
| Used or to be used for breeding .....   | farms<br>number | 1,006<br>103,430                         | 94<br>4,160              | 253<br>10,362            | 73<br>(D)              | 115<br>4,216           |
| Other hogs and pigs .....   | farms<br>number | 2,007<br>823,970                         | 179<br>39,075            | 552<br>64,986            | 177<br>(D)             | 76<br>7,520            |
| Hogs and pigs sold .....  | farms<br>number | 2,336<br>\$1,000<br>2,789,197<br>200,027 | 211<br>146,849<br>12,676 | 661<br>291,053<br>17,426 | 180<br>30,368<br>2,670 | 268<br>49,070<br>3,615 |
| Sheep and lambs of all ages inventory (see text) .....                        | farms<br>number | 2,236<br>88,541                          | 167<br>2,863             | 947<br>18,111            | 187<br>4,564           | 271<br>10,209          |
| Ewes 1 year old or older .....  | farms<br>number | 1,980<br>46,649                          | 143<br>1,649             | 835<br>11,139            | 176<br>2,703           | 142<br>5,825           |
| Sheep and lambs sold .....  | farms<br>number | 1,377<br>67,556                          | 127<br>1,872             | 544<br>16,025            | 114<br>2,668           | 93<br>6,486            |
| Horses and ponies inventory .....   | farms<br>number | 14,988<br>104,949                        | 1,223<br>7,289           | 7,725<br>53,206          | 1,275<br>9,143         | 1,579<br>10,619        |
| Horses and ponies sold .....  | farms<br>number | 3,238<br>11,615                          | 341<br>945               | 1,760<br>6,154           | 280<br>962             | 306<br>1,023           |
| Goats, All inventory .....  | farms<br>number | 2,163<br>21,094                          | 239<br>2,675             | 1,071<br>10,010          | 186<br>1,626           | 236<br>2,979           |
| Goats sold .....  | farms<br>number | 646<br>8,120                             | 110<br>1,092             | 326<br>4,144             | 51<br>591              | 70<br>1,137            |
| <b>POULTRY</b>  |                 |  |                          |                          |                        |                        |
| Layers 20 weeks old and older inventory .....                                 | farms<br>number | 3,491<br>7,308,261                       | 305<br>104,596           | 1,571<br>255,794         | 333<br>(D)             | 459<br>(D)             |
| Farms with-   |                 |  |                          |                          |                        |                        |
| 1 to 399 .....  |                 | 3,442                                    | 296                      | 1,566                    | 329                    | 453                    |
| 400 to 3,199 .....  |                 | 23                                       | 5                        | 3                        | 3                      | 2                      |
| 3,200 to 9,999 .....  |                 | 5  | 2                        | -                        | -                      | 1                      |
| 10,000 to 19,999 .....  |                 | -  | -                        | -                        | -                      | -                      |
| 20,000 to 49,999 .....  |                 | 4  | 1                        | 1                        | -                      | -                      |
| 50,000 to 99,999 .....  |                 | 4  | 1                        | -                        | -                      | 1                      |
| 100,000 or more .....   |                 | 13                                       | -                        | 1                        | 1                      | -                      |
| Pullets for laying flock replacement inventory .....                          | farms<br>number | 812<br>1,799,012                         | 94<br>(D)                | 355<br>(D)               | 69<br>(D)              | 96<br>(D)              |
| Layers and pullets sold (see text) .....                                      | farms<br>number | 725<br>6,995,451                         | 92<br>557,995            | 307<br>(D)               | 69<br>(D)              | 84<br>(D)              |
| Broilers and other meat-type chickens sold .....                              | farms<br>number | 659<br>4,027,972                         | 81<br>(D)                | 290<br>42,677            | 49<br>8,443            | 70<br>55,559           |
| Farms with-   |                 |  |                          |                          |                        |                        |
| 1 to 1,999 .....  |                 | 640                                      | 79                       | 287                      | 48                     | 68                     |
| 2,000 to 59,999 .....   |                 | 10                                       | 1                        | 3                        | 1                      | 2                      |
| 60,000 to 99,999 .....  |                 | 1  | 1                        | -                        | -                      | -                      |
| 100,000 or more .....   |                 | 8  | -                        | -                        | -                      | -                      |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | 140 to 179 acres | 180 to 219 acres  | 220 to 259 acres | 260 to 499 acres | 500 to 999 acres | 1,000 to 1,999 acres | 2,000 or more acres |
|--|------------------|-------------------|------------------|------------------|------------------|----------------------|---------------------|
| <b>LIVESTOCK - Con.</b>                                    |                  |                   |                  |                  |                  |                      |                     |
| Cattle and calves inventory - Con.                         |                  |                   |                  |                  |                  |                      |                     |
| Cows and heifers that had calved - Con.                    |                  |                   |                  |                  |                  |                      |                     |
| Milk cows .....  | farms<br>number  | 185<br>6,629      | 153<br>8,544     | 167<br>7,563     | 699<br>54,965    | 636<br>81,618        | 260<br>72,621       |
| Farms with-  |                  |                   |                  |                  |                  |                      |                     |
| 1 to 4 .....   |                  | 18                | 7                | 13               | 16               | 7                    | 1                   |
| 5 to 9 .....   |                  | 8                 | 6                | 5                | 7                | 6                    | 2                   |
| 10 to 49 .....   |                  | 118               | 92               | 88               | 217              | 63                   | 6                   |
| 50 to 99 .....   |                  | 33                | 39               | 52               | 300              | 202                  | 36                  |
| 100 to 199 .....   |                  | 7                 | 7                | 8                | 137              | 260                  | 99                  |
| 200 to 499 .....   |                  | 1                 | -                | 1                | 17               | 90                   | 87                  |
| 500 or more .....  |                  | -                 | 2                | -                | 5                | 8                    | 29                  |
| Other cattle (see text) .....                              | farms<br>number  | 1,033<br>23,622   | 724<br>20,382    | 608<br>19,336    | 1,768<br>96,236  | 1,216<br>131,361     | 548<br>112,933      |
| Cattle and calves sold .....                               | farms<br>number  | 965<br>18,338     | 688<br>17,969    | 580<br>14,847    | 1,726<br>73,127  | 1,219<br>95,373      | 531<br>99,938       |
| Calves weighing less than 500 pounds .....                 | farms<br>number  | \$1,000<br>10,475 | 374<br>10,172    | 276<br>8,532     | 262<br>38,341    | 541<br>55,479        | 122<br>58,337       |
| Cattle, including calves weighing 500 pounds or more ..... | farms<br>number  | 859<br>13,046     | 619<br>12,723    | 514<br>10,696    | 1,586<br>48,605  | 1,123<br>70,446      | 508<br>72,691       |
| Cattle on feed (see text) .....                            | farms<br>number  | 400<br>5,871      | 277<br>5,062     | 221<br>4,947     | 607<br>19,841    | 456<br>35,610        | 260<br>42,130       |
| Hogs and pigs inventory .....                              | farms<br>number  | 129<br>17,074     | 90<br>52,437     | 67<br>16,484     | 188<br>86,649    | 165<br>177,483       | 75<br>189,069       |
| Farms with-  |                  |                   |                  |                  |                  |                      |                     |
| 1 to 24 .....  |                  | 60                | 46               | 28               | 65               | 35                   | 9                   |
| 25 to 49 .....   |                  | 17                | 12               | 8                | 22               | 5                    | 2                   |
| 50 to 99 .....   |                  | 25                | 8                | 7                | 26               | 6                    | 5                   |
| 100 to 199 .....   |                  | 8                 | 8                | 8                | 14               | 16                   | -                   |
| 200 to 499 .....   |                  | 11                | 4                | 8                | 23               | 22                   | 5                   |
| 500 or more .....  |                  | 8                 | 12               | 8                | 38               | 81                   | 24                  |
| Used or to be used for breeding .....                      | farms<br>number  | 71<br>1,676       | 51<br>(D)        | 38<br>(D)        | 113<br>7,764     | 76<br>9,493          | 31<br>25,028        |
| Other hogs and pigs .....                                  | farms<br>number  | 121<br>15,398     | 83<br>(D)        | 61<br>(D)        | 179<br>78,885    | 160<br>167,990       | 35<br>164,041       |
| Hogs and pigs sold .....                                   | farms<br>number  | 143<br>40,234     | 100<br>3,332     | 72<br>173,368    | 217<br>53,930    | 185<br>195,517       | 81<br>588,518       |
| Sheep and lambs of all ages inventory (see text) .....     | farms<br>number  | 115<br>5,140      | 66<br>6,726      | 61<br>2,487      | 139<br>14,202    | 79<br>9,157          | 38<br>8,705         |
| Ewes 1 year old or older .....                             | farms<br>number  | 100<br>3,095      | 60<br>1,947      | 56<br>1,517      | 123<br>7,813     | 70<br>5,116          | 33<br>2,082         |
| Sheep and lambs sold .....                                 | farms<br>number  | 72<br>3,448       | 42<br>3,980      | 33<br>1,559      | 106<br>11,661    | 56<br>7,085          | 24<br>8,362         |
| Horses and ponies inventory .....                          | farms<br>number  | 610<br>5,046      | 339<br>2,581     | 235<br>2,215     | 542<br>3,974     | 308<br>1,840         | 105<br>1,575        |
| Horses and ponies sold .....                               | farms<br>number  | 114<br>377        | 54<br>406        | 36<br>302        | 87<br>343        | 34<br>165            | 106<br>(D)          |
| Goats, All inventory .....                                 | farms<br>number  | 80<br>587         | 45<br>492        | 46<br>280        | 66<br>599        | 34<br>221            | 1<br>(D)            |
| Goats sold .....   | farms<br>number  | 12<br>421         | 8<br>79          | 11<br>123        | 14<br>110        | 5<br>49              | 6<br>16             |
| <b>POULTRY</b>   |                  |                   |                  |                  |                  |                      |                     |
| Layers 20 weeks old and older inventory .....              | farms<br>number  | 169<br>8,733      | 92<br>4,570      | 70<br>(D)        | 127<br>66,208    | 64<br>3,080,094      | 21<br>1,831,855     |
| Farms with-  |                  |                   |                  |                  |                  |                      |                     |
| 1 to 399 .....   |                  | 168               | 91               | 68               | 123              | 58                   | 15                  |
| 400 to 3,199 .....   |                  | 1                 | 1                | 1                | 1                | 1                    | -                   |
| 3,200 to 9,999 .....                                       |                  | -                 | -                | -                | 2                | -                    | -                   |
| 10,000 to 19,999 .....                                     |                  | -                 | -                | -                | -                | -                    | -                   |
| 20,000 to 49,999 .....                                     |                  | -                 | -                | -                | 1                | 1                    | -                   |
| 50,000 to 99,999 .....                                     |                  | -                 | -                | -                | -                | 1                    | -                   |
| 100,000 or more .....                                      |                  | -                 | -                | 1                | -                | 3                    | 4                   |
| Pullets for laying flock replacement inventory .....       | farms<br>number  | 48<br>(D)         | 21<br>1,107      | 19<br>(D)        | 19<br>(D)        | 13<br>(D)            | 4<br>(D)            |
| Layers and pullets sold (see text) .....                   | farms<br>number  | 36<br>(D)         | 21<br>2,433      | 12<br>843,557    | 27<br>29,086     | 10<br>2,996,253      | 10<br>1,157,803     |
| Broilers and other meat-type chickens sold .....           | farms<br>number  | 32<br>4,515       | 18<br>10,567     | 17<br>(D)        | 31<br>(D)        | 10<br>2,248,435      | 1<br>(D)            |
| Farms with-  |                  |                   |                  |                  |                  |                      |                     |
| 1 to 1,999 .....   |                  | 32                | 17               | 16               | 28               | 6                    | 1                   |
| 2,000 to 59,999 .....                                      |                  | -                 | 1                | -                | -                | -                    | -                   |
| 60,000 to 99,999 .....                                     |                  | -                 | -                | -                | -                | -                    | -                   |
| 100,000 or more .....                                      |                  | -                 | -                | 1                | 3                | 4                    | -                   |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Total                     | 1 to 9 acres                       | 10 to 49 acres      | 50 to 69 acres               | 70 to 99 acres             | 100 to 139 acres             |
|------------------------------------|---------------------------|------------------------------------|---------------------|------------------------------|----------------------------|------------------------------|
| <b>POULTRY - Con.</b>              |                           |                                    |                     |                              |                            |                              |
| Turkeys inventory .....            | farms<br>number           | 612<br>1,204,019                   | 83<br>6,809         | 276<br>193,405               | 55<br>595                  | 85<br>79,052                 |
| Turkeys sold .....                 | farms<br>number           | 366<br>3,306,299                   | 50<br>8,440         | 159<br>490,120               | 27<br>679                  | 48<br>192,212                |
| <b>CROPS HARVESTED</b>             |                           |                                    |                     |                              |                            |                              |
| Corn for grain .....               | farms<br>acres<br>bushels | 13,613<br>2,007,021<br>234,709,542 | 45<br>203<br>15,994 | 1,373<br>16,977<br>1,437,623 | 657<br>13,578<br>1,224,825 | 1,297<br>33,470<br>3,210,055 |
| Irrigated .....                    | farms<br>acres            | 857<br>180,261                     | 1<br>(D)            | 38<br>(D)                    | 14<br>271                  | 19<br>519                    |
| Farms by acres harvested:          |                           |                                    |                     |                              |                            |                              |
| 1 to 24 acres .....                |                           | 3,908                              | 45                  | 1,230                        | 441                        | 735                          |
| 25 to 99 acres .....               |                           | 4,694                              | -                   | 143                          | 216                        | 562                          |
| 100 to 249 acres .....             |                           | 2,770                              | -                   | -                            | -                          | 26                           |
| 250 to 499 acres .....             |                           | 1,318                              | -                   | -                            | -                          | -                            |
| 500 acres or more .....            |                           | 923                                | -                   | -                            | -                          | -                            |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 3,362<br>233,601<br>3,447,251      | 11<br>38<br>463     | 111<br>1,116<br>14,627       | 91<br>1,152<br>12,764      | 259<br>3,197<br>38,262       |
| Irrigated .....                    | farms<br>acres            | 125<br>9,918                       | 1<br>(D)            | -                            | -                          | 4<br>89                      |
| Farms by acres harvested:          |                           |                                    |                     |                              |                            |                              |
| 1 to 24 acres .....                |                           | 1,365                              | 11                  | 104                          | 78                         | 236                          |
| 25 to 99 acres .....               |                           | 1,348                              | -                   | 7                            | 13                         | 23                           |
| 100 to 249 acres .....             |                           | 493                                | -                   | -                            | -                          | -                            |
| 250 to 499 acres .....             |                           | 94                                 | -                   | -                            | -                          | -                            |
| 500 acres or more .....            |                           | 62                                 | -                   | -                            | -                          | -                            |
| Sorghum for grain .....            | farms<br>acres<br>bushels | 22<br>559<br>21,255                | -<br>-<br>-         | 4<br>12<br>650               | -<br>-<br>-                | 2<br>(D)<br>(D)              |
| Irrigated .....                    | farms<br>acres<br>(D)     | 1<br>-<br>-                        | -                   | -                            | -                          | -                            |
| Farms by acres harvested:          |                           |                                    |                     |                              |                            |                              |
| 1 to 24 acres .....                |                           | 15                                 | -                   | 4                            | -                          | 2                            |
| 25 to 99 acres .....               |                           | 5                                  | -                   | -                            | -                          | 1                            |
| 100 to 249 acres .....             |                           | 2                                  | -                   | -                            | -                          | -                            |
| 250 to 499 acres .....             |                           | -                                  | -                   | -                            | -                          | -                            |
| 500 acres or more .....            |                           | -                                  | -                   | -                            | -                          | -                            |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 6,561<br>433,783<br>28,248,938     | 14<br>61<br>3,615   | 385<br>4,990<br>265,348      | 218<br>3,622<br>215,430    | 482<br>9,457<br>535,266      |
| Irrigated .....                    | farms<br>acres            | 81<br>5,396                        | -                   | 6<br>21                      | -                          | 1<br>(D)<br>(D)              |
| Farms by acres harvested:          |                           |                                    |                     |                              |                            |                              |
| 1 to 24 acres .....                |                           | 2,291                              | 14                  | 340                          | 178                        | 361                          |
| 25 to 99 acres .....               |                           | 2,972                              | -                   | 45                           | 40                         | 121                          |
| 100 to 249 acres .....             |                           | 1,047                              | -                   | -                            | -                          | 5                            |
| 250 to 499 acres .....             |                           | 204                                | -                   | -                            | -                          | -                            |
| 500 acres or more .....            |                           | 47                                 | -                   | -                            | -                          | -                            |
| Barley for grain .....             | farms<br>acres<br>bushels | 400<br>11,620<br>576,461           | -<br>-<br>-         | 18<br>189<br>7,161           | 13<br>163<br>6,040         | 18<br>213<br>9,703           |
| Irrigated .....                    | farms<br>acres            | 7<br>63                            | -                   | 1<br>(D)                     | -                          | -                            |
| Farms by acres harvested:          |                           |                                    |                     |                              |                            |                              |
| 1 to 24 acres .....                |                           | 256                                | -                   | 14                           | 10                         | 17                           |
| 25 to 99 acres .....               |                           | 124                                | -                   | 4                            | 3                          | 1                            |
| 100 to 249 acres .....             |                           | 17                                 | -                   | -                            | -                          | -                            |
| 250 to 499 acres .....             |                           | 3                                  | -                   | -                            | -                          | -                            |
| 500 acres or more .....            |                           | -                                  | -                   | -                            | -                          | -                            |
| Oats for grain .....               | farms<br>acres<br>bushels | 2,756<br>63,485<br>3,994,940       | 3<br>5<br>303       | 179<br>1,327<br>68,709       | 118<br>1,206<br>67,293     | 311<br>3,180<br>167,469      |
| Irrigated .....                    | farms<br>acres            | 32<br>519                          | -                   | 2<br>(D)                     | 1<br>(D)                   | 4<br>(D)                     |
| Farms by acres harvested:          |                           |                                    |                     |                              |                            |                              |
| 1 to 24 acres .....                |                           | 1,972                              | 3                   | 176                          | 111                        | 297                          |
| 25 to 99 acres .....               |                           | 706                                | -                   | 3                            | 7                          | 14                           |
| 100 to 249 acres .....             |                           | 75                                 | -                   | -                            | -                          | -                            |
| 250 to 499 acres .....             |                           | 2                                  | -                   | -                            | -                          | -                            |
| 500 acres or more .....            |                           | 1                                  | -                   | -                            | -                          | -                            |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 91<br>2,275<br>3,381,523           | 2<br>(D)<br>(D)     | 23<br>136<br>125,275         | 2<br>(D)<br>(D)            | 7<br>34<br>1                 |
| Irrigated .....                    | farms<br>acres            | 3<br>(D)                           | -                   | -                            | 1<br>(D)                   | -                            |
| Farms by acres harvested:          |                           |                                    |                     |                              |                            |                              |
| 1 to 24 acres .....                |                           | 78                                 | 2                   | 23                           | 2                          | 7                            |
| 25 to 99 acres .....               |                           | 8                                  | -                   | -                            | -                          | -                            |
| 100 to 249 acres .....             |                           | 4                                  | -                   | -                            | -                          | -                            |
| 250 to 499 acres .....             |                           | 1                                  | -                   | -                            | -                          | -                            |
| 500 acres or more .....            |                           | -                                  | -                   | -                            | -                          | -                            |
| Soybeans for beans .....           | farms<br>acres<br>bushels | 11,683<br>2,055,424<br>78,197,248  | 39<br>163<br>6,272  | 1,229<br>22,166<br>739,864   | 617<br>17,921<br>592,015   | 1,026<br>36,571<br>1,233,399 |
| Irrigated .....                    | farms<br>acres            | 558<br>84,180                      | -                   | 19<br>184                    | 15<br>497                  | 25<br>677                    |
|                                    |                           |                                    |                     |                              |                            | 601                          |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | 140 to 179 acres  | 180 to 219 acres             | 220 to 259 acres           | 260 to 499 acres               | 500 to 999 acres               | 1,000 to 1,999 acres           | 2,000 or more acres            |
|------------------------------------|---|------------------------------|----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>POULTRY - Con.</b>              |   |                              |                            |                                |                                |                                |                                |
| Turkeys inventory .....            | farms<br>number<br>300                                  | 16<br>(D)                    | 15<br>(D)                  | 16<br>(D)                      | 17<br>260,956<br>19            | 11<br>83,577<br>8<br>(D)       | 4<br>(D)<br>2<br>(D)           |
| Turkeys sold .....                 | farms<br>number<br>17                                   | 8<br>(D)                     | 8<br>(D)                   | 14<br>(D)                      | 951,716                        |                                | -                              |
| <b>CROPS HARVESTED</b>             |   |                              |                            |                                |                                |                                |                                |
| Corn for grain .....               | farms<br>acres<br>47,718<br>bushels<br>4,907,289        | 1,120<br>46,286<br>4,847,357 | 850<br>50,724<br>5,409,595 | 764<br>246,463<br>27,019,457   | 2,429<br>446,371<br>51,280,914 | 2,085<br>570,583<br>68,717,391 | 1,267<br>493,595<br>62,606,276 |
| Irrigated .....                    | farms<br>acres<br>37<br>1,875                           | 36<br>1,543                  | 40<br>2,554                | 124<br>10,353                  | 204<br>34,265                  | 181<br>54,772                  | 131<br>73,049                  |
| Farms by acres harvested:          |   |                              |                            |                                |                                |                                |                                |
| 1 to 24 acres .....                | 365   | 185                          | 114                        | 194                            | 43                             | 14                             | 1                              |
| 25 to 99 acres .....               | 695   | 552                          | 478                        | 1,058                          | 237                            | 40                             | 1                              |
| 100 to 249 acres .....             | 60  | 113                          | 172                        | 1,126                          | 1,093                          | 169                            | 11                             |
| 250 to 499 acres .....             | -   | -                            | -                          | 51                             | 674                            | 549                            | 44                             |
| 500 acres or more .....            | -   | -                            | -                          | -                              | 38                             | 495                            | 390                            |
| Corn for silage or greenchop ..... | farms<br>acres<br>5,937<br>tons<br>72,562               | 244<br>6,090<br>79,354       | 210<br>6,929<br>93,566     | 201<br>42,523<br>600,790       | 812<br>64,800<br>922,895       | 715<br>57,367<br>917,793       | 338<br>39,690<br>638,172       |
| Irrigated .....                    | farms<br>acres<br>(D)                                   | 1<br>95                      | 5<br>66                    | 4<br>1,050                     | 20<br>39<br>37                 | 1,050<br>2,534                 | 13<br>3,516<br>2,543           |
| Farms by acres harvested:          |   |                              |                            |                                |                                |                                |                                |
| 1 to 24 acres .....                | 161   | 118                          | 92                         | 227                            | 100                            | 27                             | 3                              |
| 25 to 99 acres .....               | 82  | 85                           | 99                         | 481                            | 355                            | 118                            | 17                             |
| 100 to 249 acres .....             | 1   | 7                            | 10                         | 96                             | 226                            | 126                            | 27                             |
| 250 to 499 acres .....             | -   | -                            | -                          | 8                              | 30                             | 41                             | 15                             |
| 500 acres or more .....            | -   | -                            | -                          | -                              | 4                              | 26                             | 32                             |
| Sorghum for grain .....            | farms<br>acres<br>(D)                                   | 1<br>-                       | -<br>-                     | 7<br>320                       | 1<br>(D)                       | 1<br>(D)                       | 1<br>(D)                       |
| Irrigated .....                    | farms<br>acres<br>(D)                                   | -<br>-                       | -<br>-                     | 1<br>(D)                       | -<br>-                         | -<br>-                         | -<br>-                         |
| Farms by acres harvested:          |   |                              |                            |                                |                                |                                |                                |
| 1 to 24 acres .....                | 1   | -                            | -                          | 4                              | -                              | -                              | -                              |
| 25 to 99 acres .....               | -   | -                            | -                          | 1                              | 1                              | 1                              | 1                              |
| 100 to 249 acres .....             | -   | -                            | -                          | 2                              | -                              | -                              | -                              |
| 250 to 499 acres .....             | -   | -                            | -                          | -                              | -                              | -                              | -                              |
| 500 acres or more .....            | -   | -                            | -                          | -                              | -                              | -                              | -                              |
| Wheat for grain, All .....         | farms<br>acres<br>13,681<br>bushels<br>802,368          | 485<br>13,113<br>762,579     | 403<br>13,476<br>779,518   | 377<br>63,496<br>3,993,539     | 1,262<br>106,693<br>6,984,711  | 1,296<br>114,306<br>7,747,545  | 816<br>78,593<br>5,442,146     |
| Irrigated .....                    | farms<br>acres<br>(D)                                   | 6<br>6                       | 6<br>5                     | 52<br>13                       | 317<br>13                      | 318<br>1,194                   | 12<br>3,254                    |
| Farms by acres harvested:          |   |                              |                            |                                |                                |                                |                                |
| 1 to 24 acres .....                | 253   | 179                          | 149                        | 287                            | 145                            | 29                             | 5                              |
| 25 to 99 acres .....               | 224   | 218                          | 216                        | 855                            | 738                            | 278                            | 58                             |
| 100 to 249 acres .....             | 8   | 6                            | 12                         | 117                            | 389                            | 404                            | 106                            |
| 250 to 499 acres .....             | -   | -                            | -                          | 3                              | 24                             | 99                             | 78                             |
| 500 acres or more .....            | -   | -                            | -                          | -                              | -                              | 6                              | 41                             |
| Barley for grain .....             | farms<br>acres<br>436<br>bushels<br>14,240              | 34<br>348<br>15,468          | 27<br>488<br>21,058        | 26<br>2,113<br>96,836          | 100<br>3,667<br>173,974        | 85<br>2,594<br>140,518         | 43<br>1,000<br>70,166          |
| Irrigated .....                    | farms<br>acres<br>(D)                                   | 1<br>1                       | 1<br>-                     | 1<br>(D)                       | 2<br>(D)                       | 1<br>(D)                       | -<br>-                         |
| Farms by acres harvested:          |   |                              |                            |                                |                                |                                |                                |
| 1 to 24 acres .....                | 30  | 25                           | 23                         | 71                             | 29                             | 13                             | 1                              |
| 25 to 99 acres .....               | 4   | 2                            | 2                          | 28                             | 51                             | 20                             | 4                              |
| 100 to 249 acres .....             | -   | -                            | 1                          | 1                              | 4                              | 9                              | 2                              |
| 250 to 499 acres .....             | -   | -                            | -                          | -                              | 1                              | 1                              | 1                              |
| 500 acres or more .....            | -   | -                            | -                          | -                              | -                              | -                              | -                              |
| Oats for grain .....               | farms<br>acres<br>283<br>bushels<br>4,441<br>251,239    | 207<br>3,604<br>211,142      | 177<br>3,245<br>192,702    | 550<br>13,400<br>824,462       | 435<br>15,788<br>1,045,864     | 165<br>9,747<br>670,229        | 43<br>3,805<br>277,972         |
| Irrigated .....                    | farms<br>acres<br>(D)                                   | 4<br>37                      | 3<br>10                    | 5<br>150                       | 2<br>150<br>(D)                | 6<br>109                       | 1<br>(D)                       |
| Farms by acres harvested:          |   |                              |                            |                                |                                |                                |                                |
| 1 to 24 acres .....                | 233   | 164                          | 138                        | 340                            | 193                            | 54                             | 11                             |
| 25 to 99 acres .....               | 50  | 43                           | 39                         | 204                            | 219                            | 73                             | 21                             |
| 100 to 249 acres .....             | -   | -                            | -                          | 6                              | 23                             | 37                             | 9                              |
| 250 to 499 acres .....             | -   | -                            | -                          | -                              | -                              | 1                              | 1                              |
| 500 acres or more .....            | -   | -                            | -                          | -                              | -                              | -                              | 1                              |
| Sunflower seed, All .....          | farms<br>acres<br>6<br>113<br>pounds<br>113,800         | 3<br>18<br>21,300            | 7<br>233<br>166,065        | 13<br>174<br>237,670           | 7<br>703<br>1,229,500          | 8<br>713<br>1,229,100          | 3<br>(D)<br>(D)                |
| Irrigated .....                    | farms<br>acres<br>(D)                                   | -<br>-                       | -<br>(D)                   | 1<br>(D)                       | -<br>-                         | -<br>-                         | -<br>-                         |
| Farms by acres harvested:          |   |                              |                            |                                |                                |                                |                                |
| 1 to 24 acres .....                | 4   | 3                            | 4                          | 12                             | 4                              | 5                              | 2                              |
| 25 to 99 acres .....               | 2   | -                            | 3                          | 1                              | -                              | 1                              | 1                              |
| 100 to 249 acres .....             | -   | -                            | -                          | -                              | 3                              | 1                              | -                              |
| 250 to 499 acres .....             | -   | -                            | -                          | -                              | -                              | 1                              | -                              |
| 500 acres or more .....            | -   | -                            | -                          | -                              | -                              | -                              | -                              |
| Soybeans for beans .....           | farms<br>acres<br>924<br>bushels<br>57,930<br>2,059,772 | 735<br>56,910<br>2,058,560   | 641<br>57,519<br>2,053,223 | 2,090<br>287,064<br>10,638,617 | 1,796<br>468,060<br>17,644,155 | 1,112<br>548,418<br>21,272,291 | 408<br>449,744<br>18,059,215   |
| Irrigated .....                    | farms<br>acres<br>(D)                                   | 28<br>1,004                  | 18<br>830                  | 17<br>850                      | 86<br>6,129                    | 129<br>15,939                  | 79<br>24,759<br>32,710         |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                       | 1 to 9 acres                     | 10 to 49 acres        | 50 to 69 acres             | 70 to 99 acres            | 100 to 139 acres           |
|--|-----------------------------|----------------------------------|-----------------------|----------------------------|---------------------------|----------------------------|
| <b>CROPS HARVESTED - Con.</b>  |                             |                                  |                       |                            |                           |                            |
| Soybeans for beans - Con.  |                             |                                  |                       |                            |                           |                            |
| Farms by acres harvested:  |                             |                                  |                       |                            |                           |                            |
| 1 to 24 acres .....  | 2,079                       | 39                               | 908                   | 264                        | 323                       | 211                        |
| 25 to 99 acres .....   | 4,526                       | -                                | 321                   | 353                        | 703                       | 787                        |
| 100 to 249 acres .....   | 2,706                       | -                                | -                     | -                          | -                         | 68                         |
| 250 to 499 acres .....   | 1,357                       | -                                | -                     | -                          | -                         | -                          |
| 500 acres or more .....  | 1,015                       | -                                | -                     | -                          | -                         | -                          |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 1,587<br>259,026<br>4,862,193    | 5<br>6<br>86          | 65<br>897<br>14,468        | 43<br>918<br>14,178       | 83<br>2,536<br>44,304      |
| Irrigated .....  | farms<br>acres              | 82<br>13,183                     | -                     | 1<br>(D)                   | 4<br>110                  | -<br>(D)                   |
| Farms by acres harvested:  |                             |                                  |                       |                            |                           |                            |
| 1 to 24 acres .....  | 239                         | 5                                | 55                    | 25                         | 30                        | 34                         |
| 25 to 99 acres .....   | 594                         | -                                | 10                    | 18                         | 53                        | 55                         |
| 100 to 249 acres .....   | 419                         | -                                | -                     | -                          | -                         | 3                          |
| 250 to 499 acres .....   | 236                         | -                                | -                     | -                          | -                         | -                          |
| 500 acres or more .....  | 99                          | -                                | -                     | -                          | -                         | -                          |
| Potatoes .....   | farms<br>acres<br>cwt       | 395<br>45,840<br>14,212,892      | 8<br>5<br>(D)         | 85<br>110<br>11,577        | 24<br>192<br>49,525       | 52<br>134<br>23,166        |
| Irrigated .....  | farms<br>acres              | 191<br>38,016                    | 6<br>2                | 34<br>46                   | 8<br>144                  | 9<br>20                    |
| Farms by acres harvested:  |                             |                                  |                       |                            |                           |                            |
| 0.1 to 4.9 acres .....   | 215                         | 8                                | 80                    | 17                         | 44                        | 20                         |
| 5.0 to 24.9 acres .....  | 44                          | -                                | 5                     | 3                          | 7                         | 2                          |
| 25.0 to 99.9 acres .....   | 47                          | -                                | -                     | 4                          | 1                         | 6                          |
| 100.0 to 249.9 acres .....   | 45                          | -                                | -                     | -                          | -                         | -                          |
| 250.0 acres or more .....  | 44                          | -                                | -                     | -                          | -                         | -                          |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 989<br>180,054<br>3,324,568      | 1<br>(D)<br>(D)       | 22<br>353<br>6,503         | 13<br>(D)<br>(D)          | 43<br>1,017<br>18,623      |
| Irrigated .....  | farms<br>acres              | 46<br>(D)                        | -                     | -                          | 1<br>(D)                  | -                          |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 22,067<br>1,212,603<br>3,557,828 | 266<br>1,060<br>2,159 | 6,453<br>86,892<br>174,399 | 1,918<br>43,482<br>92,679 | 2,844<br>81,004<br>176,778 |
| Irrigated .....  | farms<br>acres              | 454<br>17,414                    | 7<br>9                | 115<br>801                 | 46<br>549                 | 20<br>171                  |
| Farms by acres harvested:  |                             |                                  |                       |                            |                           |                            |
| 1 to 24 acres .....  | 10,974                      | 266                              | 5,654                 | 1,179                      | 1,389                     | 857                        |
| 25 to 99 acres .....   | 7,871                       | -                                | 799                   | 739                        | 1,455                     | 1,263                      |
| 100 to 249 acres .....   | 2,381                       | -                                | -                     | -                          | -                         | 111                        |
| 250 to 499 acres .....   | 632                         | -                                | -                     | -                          | -                         | -                          |
| 500 acres or more .....  | 209                         | -                                | -                     | -                          | -                         | -                          |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 18,122<br>806,713<br>2,355,909   | 223<br>892<br>1,765   | 5,004<br>64,684<br>140,330 | 1,575<br>33,500<br>77,773 | 2,323<br>62,508<br>147,489 |
| Irrigated .....  | farms<br>acres              | 305<br>7,580                     | 5<br>7                | 71<br>462                  | 35<br>419                 | 14<br>144                  |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 3,762<br>149,403<br>267,751      | 21<br>92<br>176       | 1,164<br>14,113<br>22,371  | 320<br>5,938<br>8,842     | 488<br>12,158<br>18,351    |
| Irrigated .....  | farms<br>acres              | 65<br>1,149                      | -                     | 25<br>226                  | 7<br>96                   | 1<br>(D)                   |
| Land used for vegetables (see text) .....  | farms<br>acres              | 2,519<br>135,428                 | 168<br>410            | 813<br>4,934               | 190<br>1,961              | 273<br>4,422               |
| Irrigated .....  | farms<br>acres              | 817<br>60,186                    | 56<br>97              | 225<br>932                 | 54<br>463                 | 77<br>1,075                |
| Farms by acres harvested:  |                             |                                  |                       |                            |                           |                            |
| 0.1 to 4.9 acres .....   | 1,039                       | 142                              | 472                   | 96                         | 129                       | 73                         |
| 5.0 to 24.9 acres .....  | 732                         | 26                               | 313                   | 70                         | 77                        | 55                         |
| 25.0 to 99.9 acres .....   | 415                         | -                                | 28                    | 24                         | 67                        | 41                         |
| 100.0 to 249.9 acres .....   | 194                         | -                                | -                     | -                          | -                         | 10                         |
| 250.0 acres or more .....  | 139                         | -                                | -                     | -                          | -                         | -                          |
| Snap beans harvested for sale .....  | farms<br>acres              | 502<br>20,726                    | 40<br>16              | 184<br>228                 | 37<br>54                  | 43<br>216                  |
| Harvested for processing .....   | farms<br>acres              | 107<br>17,212                    | 2<br>(D)              | 9<br>13                    | 2<br>(D)                  | 4<br>(D)                   |
| Peas, green, harvested for sale .....  | farms<br>acres              | 160<br>1,149                     | 13<br>6               | 73<br>35                   | 6<br>1                    | 18<br>16                   |
| Harvested for processing .....   | farms<br>acres              | 7<br>1,001                       | -                     | -                          | -                         | -                          |
| Sweet corn harvested for sale .....  | farms<br>acres              | 982<br>10,885                    | 58<br>67              | 340<br>996                 | 86<br>388                 | 125<br>1,077               |
| Harvested for processing .....   | farms<br>acres              | 92<br>527                        | 4<br>3                | 32<br>103                  | 11<br>24                  | 13<br>144                  |
| Tomatoes harvested for sale .....  | farms<br>acres              | 831<br>6,041                     | 79<br>62              | 311<br>296                 | 88<br>175                 | 97<br>258                  |
| Harvested for processing .....   | farms<br>acres              | 72<br>3,861                      | 10<br>14              | 17<br>36                   | 14<br>(D)                 | 3<br>4                     |

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | 140 to 179 acres            | 180 to 219 acres           | 220 to 259 acres           | 260 to 499 acres         | 500 to 999 acres            | 1,000 to 1,999 acres        | 2,000 or more acres        |                            |
|--|-----------------------------|----------------------------|----------------------------|--------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| <b>CROPS HARVESTED - Con.</b>  |                             |                            |                            |                          |                             |                             |                            |                            |
| Soybeans for beans - Con.  |                             |                            |                            |                          |                             |                             |                            |                            |
| Farms by acres harvested:  |                             |                            |                            |                          |                             |                             |                            |                            |
| 1 to 24 acres .....  | 117                         | 56                         | 44                         | 88                       | 18                          | 10                          | 1                          |                            |
| 25 to 99 acres .....   | 662                         | 478                        | 327                        | 618                      | 218                         | 55                          | 4                          |                            |
| 100 to 249 acres .....   | 145                         | 201                        | 268                        | 1,194                    | 648                         | 162                         | 20                         |                            |
| 250 to 499 acres .....   | -                           | -                          | 2                          | 190                      | 782                         | 342                         | 41                         |                            |
| 500 acres or more .....  | -                           | -                          | -                          | -                        | 130                         | 543                         | 342                        |                            |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 74<br>3,031<br>54,353      | 88<br>4,470<br>76,518      | 70<br>4,636<br>82,561    | 310<br>26,758<br>497,008    | 391<br>67,368<br>1,232,288  | 271<br>83,127<br>1,581,030 | 95<br>61,848<br>1,209,734  |
| Irrigated .....  | farms<br>acres              | 3<br>192                   | 1<br>(D)                   | 4<br>194                 | 13<br>1,268                 | 19<br>2,842                 | 14<br>4,057                | 14<br>4,381                |
| Farms by acres harvested:  |                             |                            |                            |                          |                             |                             |                            |                            |
| 1 to 24 acres .....  | 19                          | 12                         | 11                         | 35                       | 8                           | 5                           | -                          |                            |
| 25 to 99 acres .....   | 54                          | 72                         | 48                         | 159                      | 97                          | 24                          | 4                          |                            |
| 100 to 249 acres .....   | 1                           | 4                          | 11                         | 111                      | 196                         | 78                          | 15                         |                            |
| 250 to 499 acres .....   | -                           | -                          | -                          | 5                        | 90                          | 127                         | 14                         |                            |
| 500 acres or more .....  | -                           | -                          | -                          | -                        | -                           | 37                          | 62                         |                            |
| Potatoes .....   | farms<br>acres<br>cwt       | 20<br>200<br>(D)           | 10<br>247<br>47,044        | 14<br>287<br>94,723      | 48<br>3,283<br>887,795      | 45<br>6,781<br>1,870,668    | 32<br>6,620<br>1,946,165   | 29<br>27,653<br>9,163,887  |
| Irrigated .....  | farms<br>acres              | 5<br>(D)                   | 4<br>(D)                   | 6<br>(D)                 | 25<br>2,330                 | 26<br>3,855                 | 25<br>5,587                | 24<br>25,387               |
| Farms by acres harvested:  |                             |                            |                            |                          |                             |                             |                            |                            |
| 0.1 to 4.9 acres .....   | 16                          | 6                          | 8                          | 11                       | 2                           | 2                           | 1                          |                            |
| 5.0 to 24.9 acres .....  | 2                           | 1                          | 5                          | 9                        | 3                           | 5                           | 2                          |                            |
| 25.0 to 99.9 acres .....   | 1                           | 2                          | -                          | 18                       | 13                          | 2                           | -                          |                            |
| 100.0 to 249.9 acres .....   | 1                           | 1                          | 1                          | 7                        | 19                          | 9                           | 7                          |                            |
| 250.0 acres or more .....  | -                           | -                          | -                          | 3                        | 8                           | 14                          | 19                         |                            |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 30<br>1,235<br>21,016      | 38<br>1,574<br>26,288      | 37<br>1,734<br>29,633    | 173<br>12,711<br>226,861    | 264<br>38,065<br>705,797    | 224<br>55,868<br>1,044,718 | 106<br>66,136<br>1,220,996 |
| Irrigated .....  | farms<br>acres              | -                          | 2<br>(D)                   | 2<br>(D)                 | 9<br>444                    | 9<br>(D)                    | 9<br>(D)                   | 14<br>1,848                |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 1,657<br>80,832<br>195,775 | 1,098<br>67,663<br>176,969 | 877<br>64,062<br>183,172 | 2,400<br>239,129<br>702,613 | 1,475<br>247,755<br>835,542 | 661<br>153,855<br>589,098  | 187<br>59,995<br>224,395   |
| Irrigated .....  | farms<br>acres              | 26<br>551                  | 15<br>449                  | 11<br>682                | 63<br>2,181                 | 55<br>3,713                 | 45<br>3,105                | 22<br>4,440                |
| Farms by acres harvested:  |                             |                            |                            |                          |                             |                             |                            |                            |
| 1 to 24 acres .....  | 470                         | 250                        | 162                        | 425                      | 197                         | 95                          | 30                         |                            |
| 25 to 99 acres .....   | 1,011                       | 626                        | 466                        | 951                      | 380                         | 150                         | 31                         |                            |
| 100 to 249 acres .....   | 176                         | 222                        | 243                        | 869                      | 540                         | 179                         | 41                         |                            |
| 250 to 499 acres .....   | -                           | -                          | 6                          | 155                      | 292                         | 138                         | 41                         |                            |
| 500 acres or more .....  | -                           | -                          | -                          | -                        | 66                          | 99                          | 44                         |                            |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 1,352<br>58,914<br>151,224 | 908<br>49,147<br>136,553   | 765<br>49,303<br>142,524 | 2,074<br>162,050<br>487,606 | 1,287<br>147,814<br>504,297 | 574<br>85,180<br>309,849   | 136<br>25,115<br>87,208    |
| Irrigated .....  | farms<br>acres              | 19<br>259                  | 7<br>145                   | 10<br>621                | 45<br>1,368                 | 36<br>1,539                 | 32<br>1,701                | 10<br>584                  |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 336<br>13,679<br>22,719    | 190<br>8,903<br>14,801     | 150<br>8,640<br>19,011   | 408<br>32,044<br>55,027     | 198<br>25,122<br>49,469     | 89<br>12,333<br>28,875     | 29<br>3,590<br>9,271       |
| Irrigated .....  | farms<br>acres              | 8<br>217                   | 2<br>(D)                   | 1<br>(D)                 | 8<br>129                    | 5<br>28                     | -<br>(D)                   | 1<br>-                     |
| Land used for vegetables (see text) .....  | farms<br>acres              | 117<br>4,253               | 101<br>4,075               | 76<br>4,515              | 253<br>18,078               | 171<br>24,859               | 115<br>27,329              | 63<br>36,730               |
| Irrigated .....  | farms<br>acres              | 36<br>1,426                | 31<br>1,299                | 32<br>2,150              | 102<br>6,300                | 67<br>11,977                | 56<br>11,435               | 33<br>21,885               |
| Farms by acres harvested:  |                             |                            |                            |                          |                             |                             |                            |                            |
| 0.1 to 4.9 acres .....   | 33                          | 17                         | 13                         | 36                       | 17                          | 10                          | 1                          |                            |
| 5.0 to 24.9 acres .....  | 31                          | 35                         | 24                         | 64                       | 24                          | 8                           | 5                          |                            |
| 25.0 to 99.9 acres .....   | 41                          | 35                         | 23                         | 90                       | 45                          | 18                          | 3                          |                            |
| 100.0 to 249.9 acres .....   | 12                          | 14                         | 15                         | 45                       | 50                          | 39                          | 9                          |                            |
| 250.0 acres or more .....  | -                           | -                          | 1                          | 18                       | 35                          | 40                          | 45                         |                            |
| Snap beans harvested for sale .....  | farms<br>acres              | 13<br>293                  | 11<br>149                  | 5<br>59                  | 42<br>1,463                 | 33<br>3,489                 | 36<br>6,029                | 24<br>8,483                |
| Harvested for processing .....   | farms<br>acres              | 2<br>(D)                   | 2<br>(D)                   | 2<br>(D)                 | 12<br>702                   | 22<br>2,882                 | 31<br>5,549                | 18<br>7,578                |
| Peas, green, harvested for sale .....  | farms<br>acres              | 8<br>17                    | 4<br>1                     | 2<br>(D)                 | 14<br>51                    | 5<br>(D)                    | 2<br>(D)                   | 3<br>753                   |
| Harvested for processing .....   | farms<br>acres              | -                          | -                          | -                        | 1<br>(D)                    | 1<br>(D)                    | 1<br>(D)                   | 3<br>753                   |
| Sweet corn harvested for sale .....  | farms<br>acres              | 47<br>712                  | 37<br>598                  | 30<br>569                | 107<br>2,054                | 37<br>1,718                 | 29<br>1,739                | 9<br>278                   |
| Harvested for processing .....   | farms<br>acres              | 5<br>12                    | 6<br>41                    | 1<br>(D)                 | 10<br>120                   | 2<br>(D)                    | 1<br>(D)                   | 2<br>(D)                   |
| Tomatoes harvested for sale .....  | farms<br>acres              | 36<br>159                  | 23<br>287                  | 22<br>231                | 57<br>603                   | 26<br>1,299                 | 17<br>1,006                | 7<br>1,523                 |
| Harvested for processing .....   | farms<br>acres              | 1<br>(D)                   | 2<br>(D)                   | 1<br>(D)                 | 3<br>885                    | 4<br>885                    | 5<br>906                   | 5<br>1,516                 |

See footnote(s) at end of table.

-continued

**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                                 | 1 to 9 acres     | 10 to 49 acres | 50 to 69 acres | 70 to 99 acres | 100 to 139 acres |
|--|---------------------------------------|------------------|----------------|----------------|----------------|------------------|
| <b>CROPS HARVESTED - Con.</b>                    |                                       |                  |                |                |                |                  |
| Field and grass seed crops, All                  | farms<br>acres                        | 112<br>3,311     | 2<br>(D)       | 17<br>156      | 2<br>(D)       | 10<br>284        |
| Irrigated  | farms<br>acres                        | 1<br>(D)         | -              | -              | -              | -                |
| All land in orchards                             | farms<br>acres                        | 2,601<br>118,166 | 215<br>554     | 896<br>7,473   | 224<br>3,974   | 338<br>7,568     |
| Irrigated  | farms<br>acres                        | 478<br>13,264    | 42<br>54       | 153<br>769     | 29<br>353      | 45<br>748        |
| Farms by bearing and nonbearing acres:           |                                       |                  |                |                |                |                  |
| 0.1 to 4.9 acres                                 |                                       | 943              | 177            | 412            | 81             | 113              |
| 5.0 to 24.9 acres                                |                                       | 805              | 38             | 414            | 79             | 103              |
| 25.0 to 99.9 acres                               |                                       | 539              | -              | 70             | 64             | 122              |
| 100.0 to 249.9 acres                             |                                       | 216              | -              | -              | -              | -                |
| 250.0 acres or more                              |                                       | 98               | -              | -              | -              | -                |
| Apples   | farms<br>Bearing and nonbearing acres | 1,750<br>50,539  | 134<br>254     | 557<br>2,998   | 145<br>1,808   | 244<br>3,279     |
| Grapes   | farms<br>Bearing and nonbearing acres | 678<br>13,420    | 71<br>130      | 283<br>1,841   | 62<br>706      | 79<br>1,263      |
| Peaches, All                                     | farms<br>Bearing and nonbearing acres | 732<br>6,326     | 58<br>34       | 228<br>485     | 52<br>232      | 91<br>537        |
| Pecans   | farms<br>Bearing and nonbearing acres | 1<br>(D)         | -              | -              | -              | 1<br>(D)         |
| Walnuts, English                                 | farms<br>Bearing and nonbearing acres | 19<br>114        | 1<br>(D)       | 9<br>60        | -              | 3<br>(D)         |
| Land in berries harvested for<br>sale (see text) | farms<br>acres                        | 1,051<br>19,289  | 79<br>(D)      | 410<br>2,602   | 104<br>1,146   | 147<br>1,909     |
| Irrigated  | farms<br>acres                        | 513<br>11,902    | 25<br>(D)      | 174<br>1,150   | 50<br>594      | 73<br>1,029      |

See footnote(s) at end of table.

--continued

**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | 140 to 179 acres                      | 180 to 219 acres | 220 to 259 acres | 260 to 499 acres | 500 to 999 acres | 1,000 to 1,999 acres | 2,000 or more acres |
|---|---------------------------------------|------------------|------------------|------------------|------------------|----------------------|---------------------|
| <b>CROPS HARVESTED - Con.</b>                 |                                       |                  |                  |                  |                  |                      |                     |
| Field and grass seed crops, All               | farms<br>acres                        | 9<br>297         | 10<br>310        | 4<br>82          | 21<br>385        | 18<br>640            | 7<br>700            |
| Irrigated                                     | farms<br>acres                        | 1<br>(D)         | -                | -                | -                | -                    | -                   |
| All land in orchards                          | farms<br>acres                        | 161<br>8,156     | 119<br>8,014     | 72<br>5,736      | 188<br>23,829    | 122<br>26,723        | 40<br>11,309        |
| Irrigated                                     | farms<br>acres                        | 27<br>752        | 22<br>1,024      | 18<br>673        | 57<br>2,964      | 32<br>2,860          | 6<br>641            |
| Farms by bearing and nonbearing acres:        |                                       |                  |                  |                  |                  |                      |                     |
| 0.1 to 4.9 acres                              |                                       | 35               | 18               | 15               | 25               | 11                   | 2                   |
| 5.0 to 24.9 acres                             |                                       | 34               | 22               | 10               | 19               | 19                   | 8                   |
| 25.0 to 99.9 acres                            |                                       | 61               | 47               | 19               | 38               | 18                   | 9                   |
| 100.0 to 249.9 acres                          |                                       | 31               | 32               | 28               | 80               | 23                   | 7                   |
| 250.0 acres or more                           |                                       | -                | -                | -                | 26               | 51                   | 14                  |
| Apples  | farms<br>Bearing and nonbearing acres | 104<br>3,470     | 83<br>3,373      | 53<br>2,722      | 148<br>9,815     | 93<br>11,479         | 27<br>5,100         |
| Grapes  | farms<br>Bearing and nonbearing acres | 42<br>1,079      | 25<br>1,084      | 13<br>564        | 34<br>2,359      | 14<br>1,880          | 7<br>1,044          |
| Peaches, All                                  | farms<br>Bearing and nonbearing acres | 44<br>536        | 39<br>335        | 26<br>304        | 83<br>1,751      | 40<br>1,020          | 11<br>(D)           |
| Pecans  | farms<br>Bearing and nonbearing acres | -                | -                | -                | -                | -                    | -                   |
| Walnuts, English                              | farms<br>Bearing and nonbearing acres | 1<br>(D)         | -                | -                | 3<br>(D)         | -                    | -                   |
| Land in berries harvested for sale (see text) | farms<br>acres                        | 47<br>1,319      | 38<br>1,604      | 31<br>826        | 61<br>2,757      | 33<br>3,965          | 14<br>240           |
| Irrigated                                     | farms<br>acres                        | 28<br>782        | 26<br>1,027      | 20<br>536        | 42<br>2,143      | 16<br>2,647          | 7<br>150            |

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 56. Summary by Market Value of Agricultural Products Sold: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | All farms | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|---|-----------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>F FARMS AND LAND IN FARMS</b>  |           |                     |                        |                        |                        |                      |
| Farms .....   | number    | 53,315              | 571                    | 882                    | 1,807                  | 3,231                |
|   | percent   | 100.0               | 1.1                    | 1.7                    | 3.4                    | 6.1                  |
| Land in farms .....   | acres     | 10,142,958          | 967,139                | 1,138,858              | 1,587,336              | 1,710,324            |
| Average size of farm .....  | acres     | 190                 | 1,694                  | 1,291                  | 878                    | 529                  |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |           |                     |                        |                        |                        |                      |
| Total (see text) .....  | farms     | 53,315              | 571                    | 882                    | 1,807                  | 3,231                |
|   | \$1,000   | 3,917,205           | 1,510,511              | 629,833                | 657,907                | 541,296              |
| Average per farm .....  | dollars   | 73,473              | 2,645,378              | 714,096                | 364,088                | 167,532              |
| Farms by economic class:  |           |                     |                        |                        |                        |                      |
| Less than \$1,000 (see text) .....  |           | 13,657              | -                      | -                      | -                      | -                    |
| \$1,000 to \$2,499 .....  |           | 7,864               | -                      | -                      | -                      | -                    |
| \$2,500 to \$4,999 .....  |           | 5,594               | -                      | -                      | -                      | -                    |
| \$5,000 to \$9,999 .....  |           | 5,590               | -                      | -                      | -                      | -                    |
| \$10,000 to \$24,999 .....  |           | 6,602               | -                      | -                      | -                      | -                    |
| \$25,000 to \$49,999 .....  |           | 4,082               | -                      | -                      | -                      | -                    |
| \$50,000 to \$99,999 .....  |           | 3,235               | -                      | -                      | -                      | -                    |
| \$100,000 to \$249,999 .....  |           | 3,271               | -                      | -                      | -                      | -                    |
| \$250,000 to \$499,999 .....  |           | 1,874               | -                      | -                      | 1,716                  | 3,071                |
|   |           |                     |                        |                        |                        | 158                  |
| \$500,000 to \$999,999 .....  |           | 946                 | -                      | 853                    | 91                     | 2                    |
| \$1,000,000 or more .....   |           | 600                 | 571                    | 29                     | -                      | -                    |
| \$1,000,000 to \$2,499,999 .....  |           | 448                 | 419                    | 29                     | -                      | -                    |
| \$2,500,000 to \$4,999,999 .....  |           | 96                  | 96                     | -                      | -                      | -                    |
| \$5,000,000 or more .....   |           | 56                  | 56                     | -                      | -                      | -                    |
| Total sales (see text) .....  | farms     | 53,315              | 571                    | 882                    | 1,807                  | 3,231                |
|   | \$1,000   | 3,772,435           | 1,489,862              | 604,639                | 625,875                | 513,700              |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | farms     | 16,819              | 316                    | 622                    | 1,290                  | 2,215                |
|   | \$1,000   | 990,921             | 130,402                | 179,013                | 239,621                | 222,622              |
| Sales of \$50,000 or more .....   | farms     | 4,487               | 258                    | 489                    | 989                    | 1,550                |
|   | \$1,000   | 830,230             | 129,031                | 176,237                | 232,950                | 209,952              |
| Tobacco .....   | farms     | -                   | -                      | -                      | -                      | -                    |
|   | \$1,000   | -                   | -                      | -                      | -                      | -                    |
| Sales of \$50,000 or more .....   | farms     | -                   | -                      | -                      | -                      | -                    |
|   | \$1,000   | -                   | -                      | -                      | -                      | -                    |
| Cotton and cottonseed .....   | farms     | -                   | -                      | -                      | -                      | -                    |
|   | \$1,000   | -                   | -                      | -                      | -                      | -                    |
| Sales of \$50,000 or more .....   | farms     | -                   | -                      | -                      | -                      | -                    |
|   | \$1,000   | -                   | -                      | -                      | -                      | -                    |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | farms     | 2,676               | 108                    | 153                    | 221                    | 319                  |
|   | \$1,000   | 322,510             | 167,966                | 65,140                 | 39,497                 | 23,693               |
| Sales of \$50,000 or more .....   | farms     | 743                 | 105                    | 145                    | 177                    | 184                  |
|   | \$1,000   | 301,520             | 167,937                | 64,960                 | 38,699                 | 21,322               |
| Fruits, tree nuts, and berries .....  | farms     | 2,797               | 53                     | 66                     | 147                    | 279                  |
|   | \$1,000   | 181,469             | 55,705                 | 30,405                 | 30,926                 | 29,627               |
| Sales of \$50,000 or more .....   | farms     | 610                 | 45                     | 54                     | 118                    | 211                  |
|   | \$1,000   | 157,280             | 55,532                 | 30,203                 | 30,459                 | 28,806               |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | farms     | 2,185               | 141                    | 109                    | 170                    | 305                  |
|   | \$1,000   | 628,699             | 438,614                | 66,979                 | 49,622                 | 39,626               |
| Sales of \$50,000 or more .....   | farms     | 923                 | 138                    | 104                    | 155                    | 268                  |
|   | \$1,000   | 610,982             | 438,534                | 66,877                 | 49,288                 | 39,005               |
| Cut Christmas trees and short-rotation woody crops .....                    | farms     | 1,076               | 17                     | 12                     | 27                     | 71                   |
|   | \$1,000   | 30,411              | 11,064                 | 2,462                  | 3,613                  | 4,900                |
| Sales of \$50,000 or more .....   | farms     | 100                 | 10                     | 5                      | 17                     | 32                   |
|   | \$1,000   | 23,657              | 11,013                 | 2,407                  | 3,418                  | 4,481                |
| Other crops and hay (see text) .....  | farms     | 12,504              | 107                    | 269                    | 515                    | 872                  |
|   | \$1,000   | 208,618             | 29,300                 | 42,119                 | 38,948                 | 31,402               |
| Sales of \$50,000 or more .....   | farms     | 877                 | 67                     | 175                    | 275                    | 258                  |
|   | \$1,000   | 134,739             | 28,741                 | 40,960                 | 35,817                 | 22,574               |
| Cattle and calves .....   | farms     | 11,293              | 194                    | 354                    | 752                    | 1,263                |
|   | \$1,000   | 298,517             | 99,334                 | 42,945                 | 44,505                 | 41,196               |
| Sales of \$50,000 or more .....   | farms     | 997                 | 167                    | 198                    | 224                    | 264                  |
|   | \$1,000   | 205,745             | 98,513                 | 38,695                 | 32,893                 | 26,078               |
| Milk and other dairy products from cows .....                               | farms     | 2,738               | 139                    | 243                    | 546                    | 772                  |
|   | \$1,000   | 697,920             | 288,242                | 126,416                | 148,258                | 96,965               |
| Sales of \$50,000 or more .....   | farms     | 1,966               | 139                    | 238                    | 540                    | 734                  |
|   | \$1,000   | 679,809             | 288,242                | 126,245                | 148,066                | 95,930               |
| Hogs and pigs .....   | farms     | 2,336               | 83                     | 80                     | 122                    | 184                  |
|   | \$1,000   | 200,027             | 120,952                | 32,186                 | 25,020                 | 13,331               |
| Sales of \$50,000 or more .....   | farms     | 370                 | 78                     | 69                     | 97                     | 96                   |
|   | \$1,000   | 192,340             | 120,901                | 32,122                 | 24,699                 | 12,315               |
| Sheep, goats, and their products .....                                      | farms     | 2,307               | 2                      | 13                     | 28                     | 30                   |
|   | \$1,000   | 6,613               | (D)                    | (D)                    | (D)                    | 103                  |
| Sales of \$50,000 or more .....   | farms     | 19                  | -                      | 2                      | 6                      | 872                  |
|   | \$1,000   | 2,423               | -                      | (D)                    | 591                    | 888                  |
| Horses, ponies, mules, burros, and donkeys .....                            | farms     | 3,286               | 6                      | 7                      | 13                     | 65                   |
|   | \$1,000   | 23,743              | (D)                    | (D)                    | 1,457                  | 3,101                |
| Sales of \$50,000 or more .....   | farms     | 54                  | 1                      | 2                      | 6                      | 22                   |
|   | \$1,000   | 8,731               | (D)                    | (D)                    | 1,423                  | 2,929                |
| Poultry and eggs .....  | farms     | 2,206               | 32                     | 21                     | 27                     | 47                   |
|   | \$1,000   | 146,700             | 129,312                | 10,949                 | 2,362                  | 1,066                |
| Sales of \$50,000 or more .....   | farms     | 80                  | 32                     | 18                     | 8                      | 9                    |
|   | \$1,000   | 144,455             | 129,312                | 10,948                 | 2,323                  | 981                  |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to \$49,999                              | \$10,000 to \$24,999                                  | \$5,000 to \$9,999              | \$2,500 to \$4,999            | \$1,000 to \$2,499            | Less than \$1,000                 |
|---|---|---|---------------------------------|-------------------------------|-------------------------------|-----------------------------------|
| <b>F FARMS AND LAND IN FARMS</b>  |   |   |                                 |                               |                               |                                   |
| Farms .....   | number<br>percent<br>acres<br>Land in farms ..... | 4,019<br>7.5<br>782,982<br>Average size of farm ..... | 6,429<br>12.1<br>801,542<br>125 | 5,107<br>9.6<br>447,742<br>88 | 4,749<br>8.9<br>314,567<br>66 | 5,849<br>11.0<br>326,714<br>56    |
|   |   |   |                                 |                               |                               | 17,442<br>32.7<br>1,102,950<br>63 |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |   |   |                                 |                               |                               |                                   |
| Total (see text) .....  | farms<br>\$1,000<br>Average per farm .....        | 4,019<br>148,547<br>36,961                            | 6,429<br>107,483<br>16,718      | 5,107<br>38,114<br>7,463      | 4,749<br>18,084<br>3,808      | 5,849<br>10,282<br>1,758          |
| Farms by economic class:  |   |   |                                 |                               |                               |                                   |
| Less than \$1,000 (see text) .....  | -   | -   | -                               | -                             | -                             | 13,657                            |
| \$1,000 to \$2,499 .....  | -   | -   | -                               | -                             | -                             | 2,224                             |
| \$2,500 to \$4,999 .....  | -   | -   | -                               | -                             | 4,474                         | 948                               |
| \$5,000 to \$9,999 .....  | -   | -   | -                               | 4,857                         | 258                           | 442                               |
| \$10,000 to \$24,999 .....  | -   | 6,187   | 243                             | 13                            | 4                             | 155                               |
| \$25,000 to \$49,999 .....  | 3,823   | 237   | 6                               | 3                             | -                             | 13                                |
| \$50,000 to \$99,999 .....  | 194   | 5   | 1                               | 1                             | -                             | 3                                 |
| \$100,000 to \$249,999 .....  | 2   | -   | -                               | -                             | -                             | -                                 |
| \$250,000 to \$499,999 .....  | -   | -   | -                               | -                             | -                             | -                                 |
| \$500,000 to \$999,999 .....  | -   | -   | -                               | -                             | -                             | -                                 |
| \$1,000,000 or more .....   | -   | -   | -                               | -                             | -                             | -                                 |
| \$1,000,000 to \$2,499,999 .....  | -   | -   | -                               | -                             | -                             | -                                 |
| \$2,500,000 to \$4,999,999 .....  | -   | -   | -                               | -                             | -                             | -                                 |
| \$5,000,000 or more .....   | -   | -   | -                               | -                             | -                             | -                                 |
| Total sales (see text) .....  | farms<br>\$1,000                                  | 4,019<br>141,872                                      | 6,429<br>103,284                | 5,107<br>36,516               | 4,749<br>17,092               | 5,849<br>9,665                    |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | farms<br>\$1,000                                  | 2,398<br>61,772                                       | 3,366<br>41,294                 | 1,908<br>10,628               | 1,271<br>3,859                | 1,121<br>1,662                    |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Tobacco .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Cotton and cottonseed .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | farms<br>\$1,000                                  | 323<br>6,195  | 509<br>5,422                    | 303<br>1,529                  | 189<br>534                    | 155<br>186                        |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Fruits, tree nuts, and berries .....  | farms<br>\$1,000                                  | 394<br>10,378   | 556<br>6,816                    | 357<br>2,124                  | 262<br>806                    | 277<br>405                        |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | farms<br>\$1,000                                  | 331<br>9,314  | 335<br>4,235                    | 201<br>1,113                  | 125<br>344                    | 108<br>(D)                        |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Cut Christmas trees and short-rotation woody crops .....                    | farms<br>\$1,000                                  | 113<br>2,363  | 173<br>1,867                    | 124<br>622                    | 103<br>283                    | 217<br>315                        |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Other crops and hay (see text) .....  | farms<br>\$1,000                                  | 1,264<br>17,570                                       | 2,059<br>16,046                 | 1,757<br>7,824                | 1,631<br>4,304                | 1,973<br>2,753                    |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Cattle and calves .....   | farms<br>\$1,000                                  | 1,299<br>18,207                                       | 1,978<br>16,411                 | 1,490<br>7,210                | 1,256<br>3,507                | 1,275<br>1,892                    |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Milk and other dairy products from cows .....                               | farms<br>\$1,000                                  | 299<br>7,942  | 187<br>2,299                    | 26<br>85                      | 7<br>10                       | 6<br>(D)                          |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Hogs and pigs .....   | farms<br>\$1,000                                  | 232<br>2,072  | 385<br>1,631                    | 288<br>508                    | 265<br>312                    | 271<br>194                        |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Sheep, goats, and their products .....                                      | farms<br>\$1,000                                  | 138<br>(D)  | 249<br>793                      | 305<br>672                    | 355<br>504                    | 493<br>430                        |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Horses, ponies, mules, burros, and donkeys .....                            | farms<br>\$1,000                                  | 184<br>(D)  | 488<br>4,619                    | 634<br>3,234                  | 708<br>2,105                  | 853<br>1,257                      |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |
| Poultry and eggs .....  | farms<br>\$1,000                                  | 150<br>574  | 293<br>463                      | 284<br>255                    | 337<br>224                    | 410<br>173                        |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                                  | -   | -                               | -                             | -                             | -                                 |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|--|-----------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>               |           |                     |                        |                        |                        |                      |
| Total (see text) - Con.  |           |                     |                        |                        |                        |                      |
| Total sales (see text) - Con.  |           |                     |                        |                        |                        |                      |
| Aquaculture (see text) .... farms  | 83        | -                   | 4                      | 1                      | 6                      | 7                    |
| \$1,000  | 3,316     | -                   | 2,005                  | (D)                    | 476                    | 371                  |
| Sales of \$50,000 or more .... farms   | 12        | -                   | 3                      | -                      | 4                      | 5                    |
| \$1,000  | 2,808     | -                   | (D)                    | -                      | (D)                    | (D)                  |
| Other animals and other animal products (see text) .... farms                                  | 1,152     | 3                   | 6                      | 7                      | 49                     | 88                   |
| \$1,000  | 32,972    | (D)                 | (D)                    | (D)                    | 4,375                  | 3,760                |
| Sales of \$50,000 or more .... farms   | 92        | 2                   | 3                      | 4                      | 30                     | 53                   |
| \$1,000  | 28,313    | (D)                 | (D)                    | (D)                    | (D)                    | (D)                  |
| Government payments .... farms   | 18,133    | 361                 | 660                    | 1,308                  | 2,110                  | 1,779                |
| \$1,000  | 144,771   | 20,649              | 25,194                 | 32,031                 | 27,596                 | 12,028               |
| Value of -   |           |                     |                        |                        |                        |                      |
| Certified organically produced commodities (see text) .... farms                               | 283       | 1                   | 1                      | 5                      | 22                     | 31                   |
| \$1,000  | 7,019     | (D)                 | (D)                    | (D)                    | 1,362                  | 1,290                |
| Landlord's share of total sales (see text) .... farms  | 2,262     | 29                  | 88                     | 221                    | 417                    | 421                  |
| \$1,000  | 46,690    | 3,664               | 8,659                  | 11,573                 | 12,456                 | 5,455                |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms | 4,925     | 16                  | 40                     | 110                    | 257                    | 353                  |
| \$1,000  | 37,269    | 1,407               | 3,128                  | 6,181                  | 7,153                  | 6,236                |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |           |                     |                        |                        |                        |                      |
| Total farm production expenses .... farms  | 53,296    | 571                 | 889                    | 1,811                  | 3,180                  | 3,270                |
| \$1,000  | 3,333,716 | 1,202,792           | 484,984                | 502,291                | 416,096                | 192,311              |
| Average per farm .... dollars  | 62,551    | 2,106,466           | 545,539                | 277,355                | 130,848                | 58,811               |
| Fertilizer, lime, and soil conditioners purchased .... farms                                   | 28,156    | 514                 | 846                    | 1,735                  | 2,896                  | 2,957                |
| \$1,000  | 241,158   | 45,166              | 39,523                 | 53,530                 | 47,701                 | 23,018               |
| Farms with expenses of-  |           |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   | 19,937    | 32                  | 86                     | 221                    | 730                    | 1,312                |
| \$5,000 to \$24,999 .....  | 5,689     | 151                 | 251                    | 649                    | 1,475                  | 1,529                |
| \$25,000 to \$49,999 .....   | 1,527     | 92                  | 196                    | 512                    | 593                    | 116                  |
| \$50,000 or more .....   | 1,003     | 239                 | 313                    | 353                    | 98                     | -                    |
| Chemicals purchased .... farms   | 23,602    | 488                 | 771                    | 1,495                  | 2,590                  | 2,595                |
| \$1,000  | 181,198   | 43,131              | 31,381                 | 38,221                 | 31,057                 | 15,487               |
| Farms with expenses of-  |           |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   | 17,185    | 26                  | 73                     | 209                    | 837                    | 1,404                |
| \$5,000 to \$24,999 .....  | 4,642     | 144                 | 257                    | 632                    | 1,472                  | 1,126                |
| \$25,000 to \$49,999 .....   | 1,057     | 84                  | 189                    | 471                    | 233                    | 64                   |
| \$50,000 or more .....   | 718       | 234                 | 252                    | 183                    | 48                     | 1                    |
| Seeds, plants, vines, and trees .... farms   | 25,048    | 504                 | 807                    | 1,574                  | 2,746                  | 2,556                |
| \$1,000  | 257,178   | 96,978              | 37,466                 | 40,601                 | 37,911                 | 19,542               |
| Farms with expenses of-  |           |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   | 10,930    | 3                   | 11                     | 44                     | 142                    | 313                  |
| \$1,000 to \$4,999 .....   | 6,971     | 13                  | 32                     | 129                    | 518                    | 902                  |
| \$5,000 to \$24,999 .....  | 5,120     | 93                  | 271                    | 735                    | 1,692                  | 1,288                |
| \$25,000 to \$49,999 .....   | 1,138     | 97                  | 197                    | 467                    | 346                    | 13                   |
| \$50,000 or more .....   | 889       | 298                 | 296                    | 199                    | 48                     | 40                   |
| Livestock and poultry purchased .... farms   | 11,647    | 235                 | 269                    | 470                    | 947                    | 658                  |
| \$1,000  | 196,578   | 105,645             | 29,248                 | 18,318                 | 19,515                 | 5,087                |
| Farms with expenses of-  |           |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   | 9,336     | 10                  | 58                     | 177                    | 437                    | 402                  |
| \$5,000 to \$24,999 .....  | 1,422     | 16                  | 43                     | 123                    | 277                    | 208                  |
| \$25,000 to \$99,999 .....   | 504       | 53                  | 60                     | 94                     | 189                    | 47                   |
| \$100,000 to \$249,999 .....   | 222       | 37                  | 67                     | 73                     | 44                     | 1                    |
| \$250,000 or more .....  | 163       | 119                 | 41                     | 3                      | -                      | -                    |
| Breeding livestock purchased (see text) .... farms   | 5,274     | 105                 | 118                    | 274                    | 514                    | 311                  |
| \$1,000  | 31,345    | 16,907              | 2,935                  | 2,541                  | 2,377                  | 821                  |
| Other livestock and poultry purchased .... farms   | 7,934     | 159                 | 176                    | 234                    | 546                    | 439                  |
| \$1,000  | 165,233   | 88,739              | 26,313                 | 15,777                 | 17,137                 | 4,267                |
| Feed purchased .... farms  | 24,297    | 282                 | 417                    | 788                    | 1,416                  | 1,182                |
| \$1,000  | 390,264   | 195,933             | 52,195                 | 44,549                 | 31,971                 | 13,077               |
| Farms with expenses of-  |           |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   | 18,476    | 10                  | 38                     | 125                    | 369                    | 499                  |
| \$5,000 to \$24,999 .....  | 4,014     | 10                  | 58                     | 185                    | 557                    | 563                  |
| \$25,000 to \$99,999 .....   | 1,161     | 21                  | 111                    | 328                    | 478                    | 104                  |
| \$100,000 to \$249,999 .....   | 401       | 57                  | 157                    | 142                    | 12                     | 16                   |
| \$250,000 or more .....  | 245       | 184                 | 53                     | 8                      | -                      | -                    |
| Gasoline, fuels, and oils .... farms   | 50,597    | 571                 | 884                    | 1,805                  | 3,176                  | 3,247                |
| \$1,000  | 145,503   | 36,351              | 20,081                 | 23,482                 | 21,194                 | 10,619               |
| Farms with expenses of-  |           |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   | 44,407    | 12                  | 52                     | 228                    | 1,250                  | 2,611                |
| \$5,000 to \$24,999 .....  | 5,258     | 157                 | 536                    | 1,378                  | 1,913                  | 634                  |
| \$25,000 to \$49,999 .....   | 641       | 182                 | 245                    | 187                    | 13                     | 2                    |
| \$50,000 or more .....   | 291       | 220                 | 51                     | 12                     | -                      | -                    |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999 | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|--|----------------------|----------------------|--------------------|--------------------|--------------------|-------------------|
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>               |                      |                      |                    |                    |                    |                   |
| Total (see text) - Con.  |                      |                      |                    |                    |                    |                   |
| Total sales (see text) - Con.  |                      |                      |                    |                    |                    |                   |
| Aquaculture (see text) .... farms  | 12                   | 6                    | 13                 | 12                 | 15                 | 7                 |
| \$1,000 329  |                      | 54                   | 37                 | 26                 | (D)                | 1                 |
| Sales of \$50,000 or more .... farms   | -                    | -                    | -                  | -                  | -                  | -                 |
| \$1,000  |                      | -                    | -                  | -                  | -                  | -                 |
| Other animals and other animal products (see text) .... farms                                  | 88                   | 156                  | 171                | 160                | 238                | 186               |
| \$1,000 (D) 1,334  |                      | 675                  | 272                | 226                |                    | 48                |
| Sales of \$50,000 or more .... farms   | -                    | -                    | -                  | -                  | -                  | -                 |
| \$1,000  |                      | -                    | -                  | -                  | -                  | -                 |
| Government payments .... farms   | 1,879                | 2,119                | 1,232              | 878                | 689                | 5,118             |
| \$1,000 6,675  |                      | 4,199                | 1,598              | 993                | 616                | 13,191            |
| Value of -   |                      |                      |                    |                    |                    |                   |
| Certified organically produced commodities (see text) .... farms                               | 34                   | 62                   | 39                 | 38                 | 31                 | 19                |
| \$1,000 496  |                      | 511                  | 189                | 93                 | 36                 | 6                 |
| Landlord's share of total sales (see text) .... farms  | 376                  | 405                  | 160                | 81                 | 45                 | 19                |
| \$1,000 2,940  |                      | 1,513                | 325                | 82                 | 19                 | 3                 |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms | 477                  | 899                  | 743                | 745                | 808                | 477               |
| \$1,000 4,471  |                      | 4,367                | 2,110              | 1,224              | 834                | 157               |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |                      |                      |                    |                    |                    |                   |
| Total farm production expenses .... farms  | 3,893                | 6,524                | 5,056              | 4,828              | 6,069              | 17,205            |
| \$1,000 126,439  |                      | 114,941              | 66,624             | 39,847             | 44,922             | 142,468           |
| Average per farm .... dollars  | 32,479               | 17,618               | 13,177             | 8,253              | 7,402              | 8,281             |
| Fertilizer, lime, and soil conditioners purchased .... farms                                   | 3,222                | 4,793                | 2,897              | 2,056              | 2,103              | 4,137             |
| \$1,000 14,285   |                      | 9,940                | 3,027              | 1,513              | 1,259              | 2,195             |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999 .....   | 2,075                | 4,428                | 2,848              | 2,044              | 2,080              | 4,081             |
| \$5,000 to \$24,999 .....  | 1,129                | 365                  | 49                 | 12                 | 23                 | 56                |
| \$25,000 to \$49,999 .....   | 18                   | -                    | -                  | -                  | -                  | -                 |
| \$50,000 or more .....   | -                    | -                    | -                  | -                  | -                  | -                 |
| Chemicals purchased .... farms   | 2,669                | 4,141                | 2,387              | 1,641              | 1,528              | 3,297             |
| \$1,000 8,756  |                      | 7,123                | 2,002              | 921                | 806                | 2,313             |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999 .....   | 2,037                | 3,933                | 2,349              | 1,629              | 1,488              | 3,200             |
| \$5,000 to \$24,999 .....  | 624                  | 200                  | 38                 | 12                 | 40                 | 97                |
| \$25,000 to \$49,999 .....   | 8                    | 8                    | -                  | -                  | -                  | -                 |
| \$50,000 or more .....   | -                    | -                    | -                  | -                  | -                  | -                 |
| Seeds, plants, vines, and trees .... farms   | 2,757                | 4,091                | 2,363              | 1,888              | 1,870              | 3,892             |
| \$1,000 9,637  |                      | 7,225                | 1,975              | 2,107              | 1,271              | 2,463             |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999 .....   | 597                  | 1,706                | 1,568              | 1,534              | 1,642              | 3,370             |
| \$1,000 to \$4,999 .....   | 1,483                | 2,191                | 784                | 308                | 206                | 405               |
| \$5,000 to \$24,999 .....  | 675                  | 194                  | 11                 | 38                 | 6                  | 117               |
| \$25,000 to \$49,999 .....   | 2                    | -                    | -                  | -                  | 16                 | -                 |
| \$50,000 or more .....   | -                    | -                    | -                  | -                  | 8                  | -                 |
| Livestock and poultry purchased .... farms   | 898                  | 1,503                | 1,288              | 1,083              | 1,566              | 2,730             |
| \$1,000 4,937  |                      | 4,165                | 2,235              | 1,186              | 1,751              | 4,490             |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999 .....   | 592                  | 1,285                | 1,218              | 1,063              | 1,524              | 2,570             |
| \$5,000 to \$24,999 .....  | 296                  | 207                  | 70                 | 20                 | 26                 | 136               |
| \$25,000 to \$99,999 .....   | 10                   | 11                   | -                  | -                  | 16                 | 24                |
| \$100,000 to \$249,999 .....   | -                    | -                    | -                  | -                  | -                  | -                 |
| \$250,000 or more .....  | -                    | -                    | -                  | -                  | -                  | -                 |
| Breeding livestock purchased (see text) .... farms   | 406                  | 679                  | 722                | 472                | 636                | 1,037             |
| \$1,000 1,395  |                      | 888                  | 861                | 317                | 478                | 1,824             |
| Other livestock and poultry purchased .... farms   | 591                  | 1,083                | 799                | 774                | 1,109              | 2,024             |
| \$1,000 3,542  |                      | 3,277                | 1,374              | 869                | 1,273              | 2,665             |
| Feed purchased .... farms  | 1,423                | 2,578                | 2,436              | 2,429              | 3,127              | 8,219             |
| \$1,000 8,353  |                      | 9,297                | 8,069              | 5,315              | 4,580              | 16,925            |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999 .....   | 937                  | 2,062                | 2,019              | 2,175              | 2,960              | 7,282             |
| \$5,000 to \$24,999 .....  | 427                  | 499                  | 390                | 242                | 167                | 916               |
| \$25,000 to \$99,999 .....   | 59                   | 2                    | 27                 | 10                 | -                  | 21                |
| \$100,000 to \$249,999 .....   | -                    | 15                   | -                  | 2                  | -                  | -                 |
| \$250,000 or more .....  | -                    | -                    | -                  | -                  | -                  | -                 |
| Gasoline, fuels, and oils .... farms   | 3,847                | 6,416                | 4,920              | 4,718              | 5,755              | 15,258            |
| \$1,000 8,156  |                      | 7,932                | 4,430              | 2,636              | 2,823              | 7,798             |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999 .....   | 3,575                | 6,291                | 4,865              | 4,694              | 5,726              | 15,103            |
| \$5,000 to \$24,999 .....  | 271                  | 125                  | 50                 | 24                 | 29                 | 141               |
| \$25,000 to \$49,999 .....   | -                    | -                    | 5                  | -                  | -                  | 7                 |
| \$50,000 or more .....   | 1                    | -                    | -                  | -                  | -                  | 7                 |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms     | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|--|---------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>                                 |               |                     |                        |                        |                        |                      |
| Total farm production expenses - Con.  |               |                     |                        |                        |                        |                      |
| Utilities (see text) ....  | farms \$1,000 | 30,422<br>91,391    | 552<br>29,633          | 850<br>12,702          | 1,714<br>13,676        | 2,923<br>12,076      |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |               | 17,496              | 3                      | 12                     | 91                     | 387                  |
| \$1,000 to \$4,999 .....   |               | 9,451               | 32                     | 148                    | 599                    | 1,760                |
| \$5,000 to \$24,999 .....  |               | 2,928               | 199                    | 561                    | 954                    | 766                  |
| \$25,000 to \$49,999 .....   |               | 343                 | 163                    | 97                     | 65                     | 9                    |
| \$50,000 or more .....   |               | 204                 | 155                    | 32                     | 5                      | 1                    |
| Supplies, repairs, and maintenance .....   | farms \$1,000 | 47,754<br>334,489   | 571<br>91,290          | 888<br>42,983          | 1,808<br>48,644        | 3,061<br>40,611      |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |               | 36,285              | 8                      | 36                     | 98                     | 640                  |
| \$5,000 to \$24,999 .....  |               | 8,807               | 69                     | 230                    | 944                    | 2,068                |
| \$25,000 to \$49,999 .....   |               | 1,532               | 104                    | 288                    | 526                    | 300                  |
| \$50,000 or more .....   |               | 1,130               | 390                    | 334                    | 240                    | 53                   |
| Hired farm labor .....   | farms \$1,000 | 12,279<br>469,731   | 552<br>265,008         | 790<br>72,808          | 1,360<br>60,322        | 1,765<br>35,347      |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |               | 7,177               | 11                     | 42                     | 191                    | 549                  |
| \$5,000 to \$24,999 .....  |               | 2,442               | 21                     | 139                    | 455                    | 726                  |
| \$25,000 to \$99,999 .....   |               | 1,736               | 79                     | 347                    | 534                    | 471                  |
| \$100,000 to \$249,999 .....   |               | 550                 | 135                    | 210                    | 166                    | 18                   |
| \$250,000 or more .....  |               | 374                 | 306                    | 52                     | 14                     | 1                    |
| Contract labor .....   | farms \$1,000 | 3,614<br>35,023     | 151<br>16,140          | 173<br>3,829           | 236<br>3,992           | 350<br>2,561         |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |               | 1,382               | 9                      | 7                      | 12                     | 57                   |
| \$1,000 to \$4,999 .....   |               | 1,188               | 28                     | 39                     | 69                     | 138                  |
| \$5,000 to \$24,999 .....  |               | 825                 | 52                     | 94                     | 112                    | 131                  |
| \$25,000 to \$49,999 .....   |               | 146                 | 27                     | 16                     | 24                     | 22                   |
| \$50,000 or more .....   |               | 73                  | 35                     | 17                     | 19                     | 2                    |
| Customwork and custom hauling .....  | farms \$1,000 | 9,148<br>63,676     | 306<br>25,633          | 378<br>7,724           | 694<br>12,570          | 1,101<br>6,650       |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |               | 4,001               | 7                      | 21                     | 56                     | 121                  |
| \$1,000 to \$4,999 .....   |               | 3,214               | 24                     | 85                     | 155                    | 496                  |
| \$5,000 to \$24,999 .....  |               | 1,486               | 83                     | 186                    | 355                    | 469                  |
| \$25,000 to \$49,999 .....   |               | 213                 | 71                     | 58                     | 65                     | 10                   |
| \$50,000 or more .....   |               | 234                 | 121                    | 28                     | 63                     | 5                    |
| Cash rent for land, buildings, and grazing fees .....                              | farms \$1,000 | 12,399<br>216,140   | 395<br>55,805          | 651<br>43,934          | 1,312<br>49,437        | 2,039<br>40,269      |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |               | 7,276               | 13                     | 63                     | 173                    | 637                  |
| \$5,000 to \$9,999 .....   |               | 1,408               | 18                     | 55                     | 169                    | 320                  |
| \$10,000 to \$24,999 .....   |               | 1,704               | 59                     | 120                    | 316                    | 540                  |
| \$25,000 or more .....   |               | 2,011               | 305                    | 413                    | 654                    | 572                  |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... | farms \$1,000 | 3,940<br>33,771     | 288<br>14,509          | 305<br>5,741           | 430<br>4,681           | 667<br>4,211         |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |               | 1,534               | 18                     | 29                     | 34                     | 160                  |
| \$1,000 to \$4,999 .....   |               | 1,179               | 20                     | 61                     | 199                    | 191                  |
| \$5,000 to \$24,999 .....  |               | 943                 | 112                    | 140                    | 143                    | 299                  |
| \$25,000 to \$49,999 .....   |               | 170                 | 68                     | 51                     | 35                     | 16                   |
| \$50,000 or more .....   |               | 114                 | 70                     | 24                     | 19                     | 1                    |
| Interest expense .....   | farms \$1,000 | 18,089<br>211,406   | 502<br>52,773          | 740<br>27,855          | 1,392<br>31,208        | 2,419<br>32,444      |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |               | 9,658               | 46                     | 85                     | 263                    | 702                  |
| \$5,000 to \$24,999 .....  |               | 6,548               | 92                     | 259                    | 678                    | 1,369                |
| \$25,000 to \$99,999 .....   |               | 1,648               | 199                    | 358                    | 436                    | 343                  |
| \$100,000 or more .....  |               | 235                 | 165                    | 38                     | 15                     | 5                    |
| Secured by real estate .....   | farms \$1,000 | 14,332<br>154,977   | 402<br>36,464          | 571<br>17,578          | 1,086<br>21,043        | 1,867<br>23,110      |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |               | 1,919               | 10                     | 19                     | 27                     | 56                   |
| \$1,000 to \$4,999 .....   |               | 5,535               | 36                     | 55                     | 257                    | 524                  |
| \$5,000 to \$24,999 .....  |               | 5,594               | 83                     | 240                    | 524                    | 1,073                |
| \$25,000 to \$49,999 .....   |               | 838                 | 85                     | 145                    | 194                    | 185                  |
| \$50,000 or more .....   |               | 446                 | 188                    | 112                    | 84                     | 29                   |
| Not secured by real estate .....   | farms \$1,000 | 8,737<br>56,428     | 315<br>16,309          | 516<br>10,277          | 994<br>10,165          | 1,665<br>9,334       |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |               | 3,042               | 5                      | 20                     | 95                     | 248                  |
| \$1,000 to \$4,999 .....   |               | 3,192               | 26                     | 86                     | 262                    | 730                  |
| \$5,000 to \$24,999 .....  |               | 2,067               | 121                    | 270                    | 561                    | 651                  |
| \$25,000 to \$49,999 .....   |               | 286                 | 67                     | 105                    | 65                     | 33                   |
| \$50,000 or more .....   |               | 150                 | 96                     | 35                     | 11                     | 3                    |
| Property taxes paid .....  | farms \$1,000 | 50,494<br>157,933   | 534<br>13,479          | 855<br>11,414          | 1,765<br>16,485        | 3,085<br>18,791      |
| Farms with expenses of-  |               |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |               | 43,434              | 80                     | 207                    | 589                    | 1,670                |
| \$5,000 to \$9,999 .....   |               | 4,379               | 90                     | 205                    | 564                    | 940                  |
| \$10,000 to \$24,999 .....   |               | 2,144               | 184                    | 335                    | 526                    | 431                  |
| \$25,000 or more .....   |               | 537                 | 180                    | 108                    | 86                     | 44                   |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999 | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|--|----------------------|----------------------|--------------------|--------------------|--------------------|-------------------|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>   |                      |                      |                    |                    |                    |                   |
| Total farm production expenses - Con.  |                      |                      |                    |                    |                    |                   |
| Utilities (see text) farms \$1,000   | 3,006<br>4,372       | 4,201<br>3,683       | 2,743<br>2,059     | 2,544<br>1,433     | 2,967<br>1,415     | 6,156<br>4,271    |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$999   | 1,562                | 2,947                | 2,085              | 2,165              | 2,565              | 4,659             |
| \$1,000 to \$4,999   | 1,336                | 1,218                | 626                | 379                | 391                | 1,430             |
| \$5,000 to \$24,999  | 99                   | 36                   | 32                 | -                  | 11                 | 67                |
| \$25,000 to \$49,999   | 9                    | -                    | -                  | -                  | -                  | -                 |
| \$50,000 or more   | -                    | -                    | -                  | -                  | -                  | -                 |
| Supplies, repairs, and maintenance farms \$1,000   | 3,716<br>19,289      | 6,187<br>17,397      | 4,691<br>14,180    | 4,419<br>6,204     | 5,428<br>7,850     | 13,863<br>21,593  |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999   | 2,585                | 5,285                | 4,045              | 4,163              | 5,124              | 12,779            |
| \$5,000 to \$24,999  | 1,089                | 885                  | 559                | 256                | 268                | 971               |
| \$25,000 to \$49,999   | 7                    | 9                    | 60                 | -                  | 22                 | 113               |
| \$50,000 or more   | 35                   | 8                    | 27                 | -                  | 14                 | -                 |
| Hired farm labor farms \$1,000   | 1,141<br>5,304       | 1,333<br>3,739       | 915<br>2,140       | 621<br>1,264       | 552<br>3,155       | 1,945<br>8,767    |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999   | 878                  | 1,169                | 820                | 585                | 408                | 1,760             |
| \$5,000 to \$24,999  | 236                  | 155                  | 81                 | 28                 | 98                 | 73                |
| \$25,000 to \$99,999   | 24                   | 7                    | 13                 | 8                  | 36                 | 112               |
| \$100,000 to \$249,999   | 3                    | 2                    | 1                  | -                  | 10                 | -                 |
| \$250,000 or more  | -                    | -                    | -                  | -                  | -                  | -                 |
| Contract labor farms \$1,000   | 329<br>1,407         | 408<br>1,609         | 331<br>1,134       | 305<br>466         | 363<br>455         | 687<br>2,276      |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$999   | 83                   | 107                  | 167                | 200                | 219                | 444               |
| \$1,000 to \$4,999   | 172                  | 202                  | 65                 | 85                 | 125                | 142               |
| \$5,000 to \$24,999  | 66                   | 85                   | 94                 | 20                 | 19                 | 71                |
| \$25,000 to \$49,999   | 8                    | 14                   | 5                  | -                  | -                  | 30                |
| \$50,000 or more   | -                    | -                    | -                  | -                  | -                  | -                 |
| Customwork and custom hauling farms \$1,000  | 1,055<br>2,498       | 1,523<br>2,342       | 738<br>669         | 697<br>503         | 678<br>347         | 976<br>589        |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$999   | 360                  | 747                  | 475                | 558                | 573                | 803               |
| \$1,000 to \$4,999   | 571                  | 706                  | 251                | 132                | 105                | 167               |
| \$5,000 to \$24,999  | 117                  | 70                   | 12                 | 7                  | -                  | 6                 |
| \$25,000 to \$49,999   | 7                    | -                    | -                  | -                  | -                  | -                 |
| \$50,000 or more   | -                    | -                    | -                  | -                  | -                  | -                 |
| Cash rent for land, buildings, and grazing fees farms \$1,000                              | 1,607<br>6,454       | 1,858<br>4,273       | 1,156<br>1,353     | 560<br>612         | 475<br>372         | 612<br>577        |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999   | 1,126                | 1,671                | 1,114              | 546                | 457                | 588               |
| \$5,000 to \$9,999   | 363                  | 109                  | 42                 | -                  | 18                 | 24                |
| \$10,000 to \$24,999   | 109                  | 76                   | -                  | 12                 | -                  | -                 |
| \$25,000 or more   | 9                    | 2                    | -                  | 2                  | -                  | -                 |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles farms \$1,000 | 345<br>769           | 487<br>824           | 304<br>574         | 142<br>61          | 141<br>78          | 440<br>1,327      |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$999   | 179                  | 281                  | 135                | 121                | 133                | 291               |
| \$1,000 to \$4,999   | 134                  | 172                  | 137                | 21                 | 3                  | 70                |
| \$5,000 to \$24,999  | 32                   | 34                   | 32                 | -                  | 5                  | 79                |
| \$25,000 to \$49,999   | -                    | -                    | -                  | -                  | -                  | -                 |
| \$50,000 or more   | -                    | -                    | -                  | -                  | -                  | -                 |
| Interest expense farms \$1,000   | 1,727<br>9,647       | 2,209<br>8,901       | 1,367<br>7,292     | 1,245<br>4,489     | 1,324<br>5,086     | 3,430<br>17,913   |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999   | 1,027                | 1,604                | 951                | 882                | 980                | 2,185             |
| \$5,000 to \$24,999  | 643                  | 581                  | 386                | 361                | 343                | 1,135             |
| \$25,000 to \$99,999   | 56                   | 24                   | 25                 | 2                  | -                  | 107               |
| \$100,000 or more  | 1                    | -                    | 5                  | -                  | 1                  | 3                 |
| Secured by real estate farms \$1,000   | 1,316<br>7,347       | 1,546<br>6,827       | 1,082<br>6,360     | 998<br>3,957       | 1,133<br>4,796     | 3,049<br>17,096   |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$999   | 203                  | 253                  | 237                | 220                | 259                | 510               |
| \$1,000 to \$4,999   | 605                  | 796                  | 454                | 438                | 532                | 1,302             |
| \$5,000 to \$24,999  | 479                  | 480                  | 361                | 338                | 341                | 1,127             |
| \$25,000 to \$49,999   | 28                   | 17                   | 20                 | 2                  | -                  | 107               |
| \$50,000 or more   | 1                    | -                    | 10                 | -                  | 1                  | 3                 |
| Not secured by real estate farms \$1,000   | 928<br>2,300         | 1,135<br>2,074       | 477<br>932         | 520<br>532         | 347<br>290         | 804<br>816        |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$999   | 330                  | 617                  | 300                | 309                | 261                | 585               |
| \$1,000 to \$4,999   | 450                  | 431                  | 155                | 202                | 85                 | 173               |
| \$5,000 to \$24,999  | 148                  | 80                   | 17                 | 9                  | 1                  | 46                |
| \$25,000 to \$49,999   | -                    | 7                    | -                  | -                  | -                  | -                 |
| \$50,000 or more   | -                    | -                    | 5                  | -                  | -                  | -                 |
| Property taxes paid farms \$1,000  | 3,687<br>11,541      | 6,215<br>15,294      | 4,626<br>9,008     | 4,509<br>7,661     | 5,696<br>9,940     | 16,367<br>31,386  |
| Farms with expenses of-  |                      |                      |                    |                    |                    |                   |
| \$1 to \$4,999   | 3,066                | 5,676                | 4,419              | 4,412              | 5,468              | 15,544            |
| \$5,000 to \$9,999   | 516                  | 401                  | 177                | 76                 | 179                | 600               |
| \$10,000 to \$24,999   | 105                  | 112                  | 29                 | 20                 | 41                 | 165               |
| \$25,000 or more   | -                    | 26                   | 1                  | 1                  | 8                  | 58                |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | All farms        | \$1,000,000 or more                                 | \$500,000 to \$999,999        | \$250,000 to \$499,999         | \$100,000 to \$249,999              | \$50,000 to \$99,999                   |
|---|------------------|---|-------------------------------|--------------------------------|-------------------------------------|--|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |                  |   |                               |                                |                                     |  |
| Total farm production expenses - Con.   |                  |   |                               |                                |                                     |  |
| All other production expenses (see text) ....   | farms<br>\$1,000 | 30,851<br>308,277                                   | 531<br>115,317                | 846<br>46,098                  | 1,629<br>42,577                     | 2,685<br>33,788                        |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 to \$99,999 .....<br>\$100,000 or more .....               |                  | 22,590<br>6,118<br>1,080<br>606<br>457              | 5<br>79<br>61<br>112<br>274   | 36<br>256<br>248<br>179<br>127 | 199<br>826<br>400<br>159<br>45      | 720<br>1,665<br>221<br>72<br>7         |
| Production expenses paid by landlords <sup>3</sup> ....   | farms<br>\$1,000 | 2,324<br>18,239                                     | 31<br>1,230                   | 75<br>3,056                    | 142<br>4,320                        | 166<br>2,916                           |
| Depreciation expenses claimed (see text) ....   | farms<br>\$1,000 | 21,682<br>386,335                                   | 525<br>105,740                | 832<br>56,827                  | 1,626<br>66,822                     | 2,556<br>53,448                        |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>  |                  |   |                               |                                |                                     |  |
| Net cash farm income of operations (see text) ....  | farms<br>\$1,000 | 53,296<br>724,021                                   | 571<br>321,523                | 889<br>162,902                 | 1,811<br>179,102                    | 3,180<br>133,157                       |
| Average per farm .....  | dollars          | 13,585  | 563,087                       | 183,242                        | 98,897                              | 41,873                                 |
| Farms with net gains <sup>4</sup> ....  | number           | 22,737  | 495                           | 779                            | 1,563                               | 2,581                                  |
| Average net gain .....  | dollars          | 47,047  | 693,446                       | 222,570                        | 126,165                             | 62,119                                 |
| Gain of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... |                  | 3,224<br>5,479<br>3,138<br>3,504<br>2,827<br>4,565  | 1<br>1<br>1<br>9<br>10<br>473 | 1<br>1<br>2<br>18<br>50<br>707 | 3<br>16<br>9<br>71<br>163<br>1,301  | 45<br>25<br>90<br>332<br>607<br>1,482  |
| Farms with net losses ....  | number           | 30,559  | 76                            | 110                            | 248                                 | 599                                    |
| Average net loss .....  | dollars          | 11,312  | 285,958                       | 95,272                         | 72,963                              | 45,363                                 |
| Loss of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... |                  | 3,903<br>11,691<br>6,916<br>5,386<br>1,545<br>1,118 | 1<br>2<br>-<br>5<br>8<br>60   | -<br>2<br>4<br>14<br>21<br>69  | 4<br>11<br>19<br>51<br>47<br>116    | 5<br>33<br>79<br>135<br>152<br>195     |
| Net cash farm income of operators (see text) ....   | farms<br>\$1,000 | 53,296<br>705,489                                   | 571<br>320,818                | 889<br>157,148                 | 1,811<br>172,359                    | 3,180<br>129,360                       |
| Average per farm .....  | dollars          | 13,237  | 561,854                       | 176,769                        | 95,174                              | 40,679                                 |
| Operators reporting net gains <sup>4</sup> ....   | farms            | 23,069  | 501                           | 773                            | 1,561                               | 2,573                                  |
| Average net gain .....  | dollars          | 45,546  | 679,815                       | 218,192                        | 122,692                             | 60,875                                 |
| Gain of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... |                  | 3,356<br>5,783<br>3,146<br>3,520<br>2,823<br>4,441  | 1<br>1<br>2<br>9<br>11<br>477 | 1<br>1<br>1<br>23<br>58<br>689 | 3<br>17<br>11<br>77<br>202<br>1,251 | 48<br>56<br>100<br>320<br>625<br>1,424 |
| Operators reporting net losses ....   | farms            | 30,227  | 70                            | 116                            | 250                                 | 607                                    |
| Average net loss .....  | dollars          | 11,421  | 282,413                       | 99,262                         | 76,654                              | 44,928                                 |
| Loss of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... |                  | 3,787<br>11,498<br>6,903<br>5,339<br>1,564<br>1,136 | 1<br>-<br>-<br>5<br>7<br>57   | -<br>2<br>4<br>11<br>26<br>73  | 2<br>11<br>19<br>45<br>46<br>127    | 5<br>33<br>67<br>142<br>157<br>203     |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>  |                  |   |                               |                                |                                     |  |
| Total ....  | farms<br>\$1,000 | 2,601<br>72,023                                     | 88<br>18,454                  | 159<br>14,376                  | 355<br>19,106                       | 495<br>13,861                          |
| <b>INCOME FROM FARM-RELATED SOURCES</b>   |                  |   |                               |                                |                                     |  |
| Total income from farm-related sources, gross before taxes and expenses (see text) ....   | farms<br>\$1,000 | 15,056<br>133,320                                   | 318<br>14,771                 | 471<br>13,974                  | 995<br>15,011                       | 1,570<br>15,924                        |
| Customwork and other agricultural services ....   | farms<br>\$1,000 | 3,087<br>29,184                                     | 121<br>5,494                  | 220<br>5,920                   | 369<br>5,320                        | 567<br>4,933                           |
| Gross cash rent or share payments ....  | farms<br>\$1,000 | 5,446<br>29,230                                     | 82<br>2,571                   | 61<br>1,540                    | 126<br>2,213                        | 206<br>2,478                           |
| Sales of forest products, excluding Christmas trees and maple products ....   | farms<br>\$1,000 | 1,557<br>11,799                                     | 28<br>865                     | 30<br>817                      | 61<br>569                           | 88<br>908                              |
| Recreational services (see text) ....   | farms<br>\$1,000 | 615<br>3,295  | 11<br>29                      | 13<br>33                       | 26<br>137                           | 59<br>489                              |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to<br>\$49,999 | \$10,000 to<br>\$24,999 | \$5,000 to<br>\$9,999 | \$2,500 to<br>\$4,999 | \$1,000 to<br>\$2,499 | Less than<br>\$1,000 |
|---|-------------------------|-------------------------|-----------------------|-----------------------|-----------------------|----------------------|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |                         |                         |                       |                       |                       |                      |
| Total farm production expenses - Con.   |                         |                         |                       |                       |                       |                      |
| All other production expenses (see text) .... farms \$1,000   | 2,825<br>11,033         | 4,198<br>11,195         | 2,769<br>6,475        | 2,496<br>3,477        | 2,867<br>3,733        | 7,446<br>17,587      |
| Farms with expenses of-<br>\$1 to \$4,999 ..... 2,223   | 3,694                   | 2,443                   | 2,358                 | 2,720                 | 6,662                 |                      |
| \$5,000 to \$24,999 ..... 566   | 482                     | 316                     | 138                   | 147                   | 712                   |                      |
| \$25,000 to \$49,999 ..... 29   | 10                      | 10                      | -                     | -                     | 16                    |                      |
| \$50,000 to \$99,999 ..... 7  | 12                      | -                       | -                     | -                     | 56                    |                      |
| \$100,000 or more ..... -   | -                       | -                       | -                     | -                     | -                     |                      |
| Production expenses paid by landlords <sup>3</sup> .... farms \$1,000                                 | 206<br>1,912            | 304<br>1,084            | 196<br>719            | 245<br>610            | 290<br>563            | 492<br>957           |
| Depreciation expenses claimed (see text) .... farms \$1,000   | 2,355<br>19,782         | 3,427<br>17,701         | 2,059<br>11,004       | 1,556<br>5,691        | 1,532<br>4,818        | 2,992<br>16,661      |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>  |                         |                         |                       |                       |                       |                      |
| Net cash farm income of operations (see text) .... farms \$1,000                                      | 3,893<br>27,254         | 6,524<br>3,673          | 5,056<br>-19,233      | 4,828<br>-15,151      | 6,069<br>-28,849      | 17,205<br>-103,610   |
| Average per farm ..... dollars  | 7,001                   | 563                     | -3,804                | -3,138                | -4,753                | -6,022               |
| Farms with net gains <sup>4</sup> .... number   | 2,907                   | 4,060                   | 2,382                 | 1,740                 | 1,126                 | 2,577                |
| Average net gain ..... dollars  | 16,780                  | 7,894                   | 4,850                 | 2,780                 | 1,724                 | 4,994                |
| Gain of-<br>Less than \$1,000 ..... 140   | 302                     | 434                     | 650                   | 599                   | 1,031                 |                      |
| \$1,000 to \$4,999 ..... 318  | 1,258                   | 1,392                   | 930                   | 393                   | 1,047                 |                      |
| \$5,000 to \$9,999 ..... 518  | 1,477                   | 431                     | 115                   | 116                   | 223                   |                      |
| \$10,000 to \$24,999 ..... 1,197  | 928                     | 71                      | 28                    | 18                    | 128                   |                      |
| \$25,000 to \$49,999 ..... 717  | 72                      | 26                      | 3                     | 98                    |                       |                      |
| \$50,000 or more ..... 17   | 23                      | 28                      | 14                    | -                     | 50                    |                      |
| Farms with net losses ..... number  | 986                     | 2,464                   | 2,674                 | 3,088                 | 4,943                 | 14,628               |
| Average net loss ..... dollars  | 21,830                  | 11,517                  | 11,513                | 6,473                 | 6,229                 | 7,963                |
| Loss of-<br>Less than \$1,000 ..... 71  | 305                     | 397                     | 509                   | 711                   | 1,883                 |                      |
| \$1,000 to \$4,999 ..... 167  | 718                     | 777                     | 1,151                 | 2,404                 | 6,255                 |                      |
| \$5,000 to \$9,999 ..... 161  | 580                     | 626                     | 854                   | 1,074                 | 3,412                 |                      |
| \$10,000 to \$24,999 ..... 313  | 607                     | 574                     | 509                   | 571                   | 2,420                 |                      |
| \$25,000 to \$49,999 ..... 177  | 180                     | 185                     | 49                    | 142                   | 467                   |                      |
| \$50,000 or more ..... 97   | 74                      | 115                     | 16                    | 41                    | 191                   |                      |
| Net cash farm income of operators (see text) .... farms \$1,000                                       | 3,893<br>27,263         | 6,524<br>3,951          | 5,056<br>-18,867      | 4,828<br>-14,601      | 6,069<br>-28,313      | 17,205<br>-102,656   |
| Average per farm ..... dollars  | 7,003                   | 606                     | -3,732                | -3,024                | -4,665                | -5,967               |
| Operators reporting net gains <sup>4</sup> .... farms   | 2,921                   | 4,072                   | 2,390                 | 1,793                 | 1,252                 | 2,753                |
| Average net gain ..... dollars  | 16,667                  | 7,854                   | 4,872                 | 2,851                 | 1,716                 | 4,741                |
| Gain of-<br>Less than \$1,000 ..... 150   | 327                     | 414                     | 621                   | 625                   | 1,148                 |                      |
| \$1,000 to \$4,999 ..... 346  | 1,274                   | 1,405                   | 1,012                 | 493                   | 1,096                 |                      |
| \$5,000 to \$9,999 ..... 492  | 1,440                   | 446                     | 115                   | 116                   | 233                   |                      |
| \$10,000 to \$24,999 ..... 1,199  | 936                     | 71                      | 28                    | 18                    | 128                   |                      |
| \$25,000 to \$49,999 ..... 717  | 72                      | 26                      | 3                     | 98                    |                       |                      |
| \$50,000 or more ..... 17   | 23                      | 28                      | 14                    | -                     | 50                    |                      |
| Operators reporting net losses ..... farms  | 972                     | 2,452                   | 2,666                 | 3,035                 | 4,817                 | 14,452               |
| Average net loss ..... dollars  | 22,039                  | 11,432                  | 11,445                | 6,495                 | 6,324                 | 8,006                |
| Loss of-<br>Less than \$1,000 ..... 51  | 309                     | 383                     | 487                   | 664                   | 1,861                 |                      |
| \$1,000 to \$4,999 ..... 171  | 676                     | 802                     | 1,151                 | 2,363                 | 6,118                 |                      |
| \$5,000 to \$9,999 ..... 173  | 619                     | 616                     | 826                   | 1,036                 | 3,412                 |                      |
| \$10,000 to \$24,999 ..... 294  | 613                     | 565                     | 506                   | 571                   | 2,403                 |                      |
| \$25,000 to \$49,999 ..... 186  | 161                     | 185                     | 49                    | 142                   | 467                   |                      |
| \$50,000 or more ..... 97   | 74                      | 115                     | 16                    | 41                    | 191                   |                      |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>  |                         |                         |                       |                       |                       |                      |
| Total ..... farms \$1,000   | 378<br>1,568            | 402<br>748              | 150<br>129            | 96<br>45              | 67<br>25              | 16<br>3              |
| <b>INCOME FROM FARM-RELATED SOURCES</b>   |                         |                         |                       |                       |                       |                      |
| Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000 | 1,419<br>8,169          | 1,989<br>10,137         | 1,298<br>6,433        | 1,107<br>5,654        | 1,304<br>5,349        | 3,284<br>25,730      |
| Customwork and other agricultural services ..... farms \$1,000  | 367<br>1,811            | 400<br>1,549            | 203<br>558            | 144<br>358            | 132<br>238            | 162<br>575           |
| Gross cash rent or share payments ..... farms \$1,000   | 366<br>2,259            | 703<br>3,298            | 582<br>1,853          | 583<br>1,916          | 688<br>1,556          | 1,790<br>7,667       |
| Sales of forest products, excluding Christmas trees and maple products ..... farms \$1,000            | 115<br>927              | 234<br>1,340            | 147<br>1,023          | 160<br>906            | 146<br>596            | 407<br>2,539         |
| Recreational services (see text) ..... farms \$1,000  | 74<br>205               | 78<br>210               | 43<br>82              | 28<br>137             | 58<br>123             | 147<br>1,371         |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | All farms | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|---|-----------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>  |           |                     |                        |                        |                        |                      |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.   |           |                     |                        |                        |                        |                      |
| Patronage dividends and refunds from cooperatives (see text) . . . . . farms \$1,000 3,247 152 266 545 740 493<br>8,745 1,948 1,990 1,840 1,425 656   |           |                     |                        |                        |                        |                      |
| Other farm-related income sources (see text) . . . . . farms \$1,000 5,177 121 178 382 604 474<br>51,067 3,864 3,674 4,933 5,692 5,411  |           |                     |                        |                        |                        |                      |
| <b>LAND USE</b>   |           |                     |                        |                        |                        |                      |
| Total cropland . . . . . farms acres 47,904 541 859 1,783 3,171 3,167<br>7,983,574 882,586 1,045,051 1,440,810 1,491,362 791,028  |           |                     |                        |                        |                        |                      |
| Harvested cropland . . . . . farms acres 38,244 528 855 1,770 3,124 3,101<br>6,827,903 846,558 1,011,389 1,387,342 1,408,981 711,416  |           |                     |                        |                        |                        |                      |
| Farms by acres harvested:   |           |                     |                        |                        |                        |                      |
| 1 to 49 acres . . . . . farms acres 20,486 88 81 124 307 506<br>5,571 15 9 59 194 355   |           |                     |                        |                        |                        |                      |
| 100 to 199 acres . . . . . farms acres 4,350 13 31 90 326 523<br>200 to 499 acres . . . . . farms acres 4,188 42 123 367 998 1,508<br>500 to 999 acres . . . . . farms acres 2,181 96 197 547 1,104 208<br>1,000 to 1,999 acres . . . . . farms acres 1,094 120 239 538 195 1<br>2,000 acres or more . . . . . farms acres 374 154 175 45 - -                               |           |                     |                        |                        |                        |                      |
| Cropland-<br>For pasture or grazing only . . . . . farms acres 16,190 86 138 339 710 827<br>409,296 8,124 8,049 18,174 36,347 39,738  |           |                     |                        |                        |                        |                      |
| On which all crops failed . . . . . farms acres 3,113 19 45 76 163 222<br>69,071 982 1,910 3,197 5,151 7,720  |           |                     |                        |                        |                        |                      |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms acres 15,120 152 200 385 637 629<br>607,936 23,194 17,026 25,042 31,824 27,077  |           |                     |                        |                        |                        |                      |
| In cultivated summer fallow . . . . . farms acres 2,567 31 68 125 192 183<br>69,368 3,728 6,677 7,055 9,059 5,077   |           |                     |                        |                        |                        |                      |
| Total woodland . . . . . farms acres 27,818 267 466 924 1,693 1,779<br>1,224,237 43,495 55,724 77,318 122,157 100,246   |           |                     |                        |                        |                        |                      |
| Woodland pastured . . . . . farms acres 5,316 37 62 125 260 321<br>162,169 7,340 4,633 8,146 13,248 14,162  |           |                     |                        |                        |                        |                      |
| Woodland not pastured . . . . . farms acres 24,853 243 438 864 1,577 1,606<br>1,062,068 36,155 51,091 69,172 108,909 86,084   |           |                     |                        |                        |                        |                      |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms acres 11,447 44 96 196 408 444<br>254,062 5,140 6,377 9,499 23,273 20,882   |           |                     |                        |                        |                        |                      |
| Land in house lots, ponds, roads, wasteland, etc. . . . . farms acres 35,435 435 635 1,286 2,215 2,125<br>681,085 35,918 31,706 59,709 73,532 50,648  |           |                     |                        |                        |                        |                      |
| Irrigated land . . . . . farms acres 4,413 314 329 459 617 532<br>456,278 157,727 101,538 91,964 58,362 21,961  |           |                     |                        |                        |                        |                      |
| Harvested cropland . . . . . farms acres 4,244 314 329 459 612 530<br>453,968 (D) (D) (D) 57,950 21,810   |           |                     |                        |                        |                        |                      |
| Pastureland and other land . . . . . farms acres 235 1 2 2 19 11<br>2,310 (D) (D) (D) 412 151   |           |                     |                        |                        |                        |                      |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>  |           |                     |                        |                        |                        |                      |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms acres 6,593 70 151 222 316 248<br>296,666 6,622 9,304 9,541 9,728 13,546   |           |                     |                        |                        |                        |                      |
| Land used to raise certified organically produced crops (see text) . . . . . farms acres 281 - 1 6 21 32<br>25,386 - (D) 1,880 6,014 6,204  |           |                     |                        |                        |                        |                      |
| Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms acres 7,921 310 565 1,157 1,636 1,217<br>3,401,787 541,097 690,643 873,174 747,379 287,699   |           |                     |                        |                        |                        |                      |
| <b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>   |           |                     |                        |                        |                        |                      |
| Estimated market value of land and buildings . . . . . farms \$1,000 53,296 571 889 1,811 3,180 3,270<br>27,143,604 2,512,770 2,611,415 3,576,764 3,945,406 2,465,420   |           |                     |                        |                        |                        |                      |
| Average per farm . . . . . dollars 509,299 4,400,647 2,937,475 1,975,022 1,240,694 753,951<br>2,667 2,595 2,272 2,188 2,288 2,510   |           |                     |                        |                        |                        |                      |
| Farms by value group:   |           |                     |                        |                        |                        |                      |
| \$1 to \$49,999 . . . . . 3,811 10 20 17 23 83<br>\$50,000 to \$99,999 . . . . . 5,335 4 9 19 36 92<br>\$100,000 to \$199,999 . . . . . 13,564 8 13 25 89 245   |           |                     |                        |                        |                        |                      |
| \$200,000 to \$499,999 . . . . . 17,482 26 42 162 527 923<br>\$500,000 to \$999,999 . . . . . 6,913 46 100 358 833 1,262<br>\$1,000,000 to \$1,999,999 . . . . . 3,640 101 216 510 1,165 462<br>\$2,000,000 to \$4,999,999 . . . . . 2,074 200 333 628 466 199<br>\$5,000,000 to \$9,999,999 . . . . . 396 120 139 86 40 4<br>\$10,000,000 or more . . . . . 81 56 17 6 1 - |           |                     |                        |                        |                        |                      |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999 | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|--|----------------------|----------------------|--------------------|--------------------|--------------------|-------------------|
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>   |                      |                      |                    |                    |                    |                   |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                            |                      |                      |                    |                    |                    |                   |
| Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000                                      | 400<br>341           | 321<br>372           | 124<br>69          | 76<br>33           | 57<br>22           | 73<br>48          |
| Other farm-related income sources (see text) .... farms \$1,000  | 518<br>2,626         | 750<br>3,369         | 420<br>2,848       | 304<br>2,305       | 378<br>2,814       | 1,048<br>13,530   |
| <b>LAND USE</b>  |                      |                      |                    |                    |                    |                   |
| Total cropland .... farms  | 3,889                | 6,136                | 4,729              | 4,173              | 5,068              | 14,388            |
| acres  | 612,105              | 560,520              | 276,796            | 171,327            | 159,606            | 552,383           |
| Harvested cropland .... farms  | 3,802                | 5,942                | 4,424              | 3,742              | 4,356              | 6,600             |
| acres  | 527,740              | 445,763              | 193,061            | 105,872            | 85,440             | 104,341           |
| Farms by acres harvested:  |                      |                      |                    |                    |                    |                   |
| 1 to 49 acres .....  | 836                  | 2,017                | 2,946              | 3,202              | 4,065              | 6,314             |
| 50 to 99 acres .....   | 546                  | 2,246                | 1,173              | 483                | 264                | 227               |
| 100 to 199 acres .....   | 1,496                | 1,480                | 267                | 50                 | 23                 | 51                |
| 200 to 499 acres .....   | 897                  | 198                  | 37                 | 7                  | 4                  | 7                 |
| 500 to 999 acres .....   | 26                   | 1                    | 1                  | -                  | -                  | 1                 |
| 1,000 to 1,999 acres .....   | 1                    | -                    | -                  | -                  | -                  | -                 |
| 2,000 acres or more .....  | -                    | -                    | -                  | -                  | -                  | -                 |
| Cropland-  |                      |                      |                    |                    |                    |                   |
| For pasture or grazing only .... farms   | 1,109                | 1,887                | 1,734              | 1,683              | 2,179              | 5,498             |
| acres  | 44,974               | 59,114               | 41,551             | 31,494             | 34,392             | 87,339            |
| On which all crops failed .... farms   | 240                  | 397                  | 290                | 292                | 323                | 1,046             |
| acres  | 5,414                | 7,840                | 5,592              | 3,701              | 4,742              | 22,822            |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms | 779                  | 1,331                | 1,148              | 1,102              | 1,311              | 7,446             |
| acres  | 27,506               | 39,856               | 30,870             | 27,060             | 30,325             | 328,156           |
| In cultivated summer fallow .... farms   | 256                  | 407                  | 316                | 229                | 252                | 508               |
| acres  | 6,471                | 7,947                | 5,722              | 3,200              | 4,707              | 9,725             |
| Total woodland .... farms  | 2,135                | 3,436                | 2,768              | 2,566              | 3,067              | 8,717             |
| acres  | 98,231               | 136,824              | 101,113            | 83,112             | 95,923             | 310,094           |
| Woodland pastured .... farms   | 389                  | 760                  | 639                | 523                | 649                | 1,551             |
| acres  | 13,762               | 23,981               | 16,817             | 9,889              | 11,842             | 38,349            |
| Woodland not pastured .... farms   | 1,930                | 3,031                | 2,410              | 2,269              | 2,691              | 7,794             |
| acres  | 84,469               | 112,843              | 84,296             | 73,223             | 84,081             | 271,745           |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms                           | 637                  | 1,175                | 1,144              | 1,191              | 1,558              | 4,554             |
| acres  | 21,622               | 30,547               | 23,007             | 18,634             | 22,375             | 72,706            |
| Land in house lots, ponds, roads, wasteland, etc. .... farms   | 2,707                | 4,295                | 3,361              | 3,260              | 4,086              | 11,030            |
| acres  | 51,024               | 73,651               | 46,826             | 41,494             | 48,810             | 167,767           |
| Irrigated land .... farms  | 483                  | 558                  | 360                | 219                | 231                | 311               |
| acres  | 10,206               | 7,213                | 2,991              | 1,025              | 978                | 2,313             |
| Harvested cropland .... farms  | 479                  | 551                  | 345                | 215                | 206                | 204               |
| acres  | 10,163               | 7,177                | 2,639              | 991                | 848                | 1,304             |
| Pastureland and other land .... farms  | 12                   | 9                    | 24                 | 8                  | 30                 | 117               |
| acres  | 43                   | 36                   | 352                | 34                 | 130                | 1,009             |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                      |                      |                    |                    |                    |                   |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms  | 295                  | 383                  | 285                | 278                | 205                | 4,140             |
| acres  | 10,633               | 15,734               | 10,753             | 8,475              | 6,931              | 195,399           |
| Land used to raise certified organically produced crops (see text) .... farms  | 36                   | 61                   | 40                 | 37                 | 28                 | 19                |
| acres  | 2,669                | 3,832                | 2,339              | 816                | 1,168              | (D)               |
| Land enrolled in Federal or other crop insurance programs (see text) .... farms                                      | 1,014                | 966                  | 401                | 211                | 176                | 268               |
| acres  | 147,485              | 78,102               | 18,011             | 6,630              | 3,187              | 8,380             |
| <b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>  |                      |                      |                    |                    |                    |                   |
| Estimated market value of land and buildings .... farms  | 3,893                | 6,524                | 5,056              | 4,828              | 6,069              | 17,205            |
| \$1,000  | 1,965,968            | 2,364,145            | 1,394,604          | 1,117,608          | 1,276,029          | 3,913,474         |
| Average per farm .... dollars  | 505,001              | 362,377              | 275,831            | 231,485            | 210,254            | 227,461           |
| Average per acre .... dollars  | 2,508                | 3,024                | 3,301              | 3,413              | 3,790              | 3,662             |
| Farms by value group:  |                      |                      |                    |                    |                    |                   |
| \$1 to \$49,999 .....  | 166                  | 282                  | 455                | 425                | 632                | 1,698             |
| \$50,000 to \$99,999 .....   | 110                  | 499                  | 481                | 631                | 924                | 2,530             |
| \$100,000 to \$199,999 .....   | 524                  | 1,478                | 1,349              | 1,635              | 2,077              | 6,121             |
| \$200,000 to \$499,999 .....   | 1,685                | 2,933                | 2,147              | 1,761              | 2,040              | 5,236             |
| \$500,000 to \$999,999 .....   | 1,012                | 971                  | 517                | 278                | 317                | 1,219             |
| \$1,000,000 to \$1,999,999 .....   | 308                  | 259                  | 104                | 90                 | 74                 | 351               |
| \$2,000,000 to \$4,999,999 .....   | 86                   | 101                  | 2                  | 8                  | 3                  | 48                |
| \$5,000,000 to \$9,999,999 .....   | 2                    | -                    | 1                  | -                  | 2                  | -                 |
| \$10,000,000 or more .....   | -                    | 1                    | -                  | -                  | -                  | 2                 |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms                                       | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|--|---|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>              |   |                     |                        |                        |                        |                      |
| Estimated market value of all machinery and equipment .....      | farms<br>\$1,000<br>50,891<br>3,761,334         | 571<br>413,487      | 889<br>390,766         | 1,811<br>552,518       | 3,180<br>588,971       | 3,270<br>415,322     |
| Farms by value group:  |   |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   | 7,859   | 1                   | 1                      | 1                      | 7                      | 51                   |
| \$5,000 to \$9,999 .....   | 6,747   | -                   | 1                      | 4                      | 10                     | 140                  |
| \$10,000 to \$19,999 .....                                       | 7,922   | 5                   | 11                     | 18                     | 80                     | 171                  |
| \$20,000 to \$49,999 .....                                       | 12,075  | 10                  | 27                     | 86                     | 331                    | 486                  |
| \$50,000 to \$99,999 .....                                       | 6,659   | 21                  | 57                     | 103                    | 524                    | 958                  |
| \$100,000 to \$199,999 .....                                     | 4,515   | 56                  | 99                     | 381                    | 1,048                  | 854                  |
| \$200,000 to \$499,999 .....                                     | 3,831   | 195                 | 365                    | 940                    | 1,007                  | 515                  |
| \$500,000 or more .....  | 1,283   | 283                 | 328                    | 278                    | 173                    | 95                   |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>              |   |                     |                        |                        |                        |                      |
| Tractors .....   | farms<br>number<br>47,627<br>137,474            | 562<br>4,723        | 873<br>5,892           | 1,784<br>10,661        | 3,118<br>15,865        | 3,126<br>12,647      |
| Less than 40 horsepower (PTO) .....                              | farms<br>number<br>27,941<br>45,749             | 275<br>894          | 429<br>972             | 814<br>1,910           | 1,591<br>3,109         | 1,579<br>2,912       |
| 40 to 99 horsepower (PTO) .....                                  | farms<br>number<br>32,722<br>61,456             | 427<br>1,814        | 712<br>2,041           | 1,534<br>4,178         | 2,612<br>6,672         | 2,563<br>5,817       |
| 100 horsepower (PTO) or more .....                               | farms<br>number<br>15,011<br>30,269             | 429<br>2,015        | 716<br>2,879           | 1,427<br>4,573         | 2,390<br>6,084         | 2,058<br>3,918       |
| Grain and bean combines (see text) .....                         | farms<br>number<br>12,487<br>14,308             | 259<br>372          | 557<br>723             | 1,178<br>1,389         | 1,868<br>2,185         | 1,759<br>2,025       |
| Cotton pickers and strippers .....                               | farms<br>number<br>-                            | -                   | -                      | -                      | -                      | -                    |
| Forage harvesters, self-propelled (see text) .....               | farms<br>number<br>1,933<br>2,240               | 99                  | 132<br>152             | 168<br>188             | 267<br>315             | 133<br>158           |
| Hay balers .....   | farms<br>number<br>18,508<br>23,012             | 130<br>168          | 320<br>437             | 702<br>969             | 1,371<br>1,811         | 1,252<br>1,646       |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>                     |   |                     |                        |                        |                        |                      |
| Commercial fertilizer, lime, and soil conditioners .....         | farms<br>acres treated<br>25,388<br>5,476,283   | 504                 | 824<br>869,893         | 1,674<br>1,207,460     | 2,845<br>1,177,161     | 2,852<br>585,782     |
| Manure .....   | farms<br>acres treated<br>11,955<br>700,621     | 232                 | 402<br>122,003         | 755<br>115,924         | 1,289<br>131,594       | 1,103<br>129,646     |
| Acres treated with chemicals to control:                         |   |                     |                        |                        |                        |                      |
| Insects .....  | farms<br>acres<br>8,314<br>990,827              | 375                 | 493<br>181,963         | 861<br>233,509         | 1,195<br>165,217       | 947<br>70,572        |
| Weeds, grass, or brush .....                                     | farms<br>acres<br>18,709<br>4,387,194           | 401                 | 672<br>559,007         | 1,339<br>724,369       | 2,291<br>955,602       | 2,300<br>990,110     |
| Nematodes .....  | farms<br>acres<br>971<br>86,159                 | 57                  | 44<br>28,331           | 105<br>9,417           | 184<br>17,688          | 83<br>12,839         |
| Diseases in crops and orchards .....                             | farms<br>acres<br>3,315<br>346,183              | 200                 | 232<br>107,559         | 378<br>73,358          | 414<br>71,080          | 390<br>42,862        |
| Chemicals used to control growth, thin fruit, or defoliate ..... | farms<br>acres on which used<br>1,062<br>86,216 | 92                  | 82<br>14,013           | 150<br>16,830          | 155<br>9,778           | 89<br>4,487          |
| <b>TENURE</b>  |   |                     |                        |                        |                        |                      |
| Full owners .....  | farms<br>14,199                                 | 166                 | 189                    | 336                    | 846                    | 1,209                |
| Part owners .....  | farms<br>2,027                                  | 357                 | 634                    | 1,384                  | 2,224                  | 1,815                |
| Tenants .....  | farms<br>2,027                                  | 48                  | 59                     | 87                     | 161                    | 205                  |
| <b>OWNED AND RENTED LAND</b>                                     |   |                     |                        |                        |                        |                      |
| Land owned .....   | farms<br>acres<br>51,404<br>6,811,257           | 524                 | 826<br>511,144         | 1,720<br>743,965       | 3,075<br>912,236       | 3,034<br>618,405     |
| Owned land in farms .....  | farms<br>acres<br>51,288<br>6,272,344           | 523                 | 823<br>502,469         | 1,720<br>725,435       | 3,070<br>883,653       | 3,024<br>589,040     |
| Land rented or leased from others .....                          | farms<br>acres<br>16,374<br>3,908,154           | 406                 | 695<br>639,448         | 1,473<br>869,066       | 2,391<br>830,525       | 2,028<br>375,990     |
| Rented or leased land in farms .....                             | farms<br>acres<br>16,226<br>3,870,614           | 405                 | 693<br>636,389         | 1,471<br>861,901       | 2,385<br>826,671       | 2,020<br>373,764     |
| Land rented or leased to others .....                            | farms<br>acres<br>8,026<br>576,453              | 95                  | 76<br>11,734           | 156<br>25,695          | 263<br>32,437          | 344<br>31,591        |
| <b>NUMBER OF OPERATORS</b>                                       |   |                     |                        |                        |                        |                      |
| Total operators .....  | number<br>79,883                                | 1,322               | 1,793                  | 3,267                  | 5,184                  | 4,795                |
| Farms by number of operators:                                    |   |                     |                        |                        |                        |                      |
| 1 operator .....   | 31,833  | 162                 | 308                    | 812                    | 1,787                  | 1,972                |
| 2 operators .....  | 18,086  | 199                 | 336                    | 660                    | 1,075                  | 1,040                |
| 3 operators .....  | 2,376   | 124                 | 166                    | 237                    | 283                    | 159                  |
| 4 operators .....  | 693   | 55                  | 55                     | 75                     | 53                     | 41                   |
| 5 or more operators .....  | 327   | 31                  | 17                     | 23                     | 33                     | 17                   |
| Total women operators .....                                      | number<br>22,560                                | 192                 | 244                    | 591                    | 1,070                  | 999                  |
| Farms by number of women operators:                              |   |                     |                        |                        |                        |                      |
| 1 operator .....   | 19,397  | 144                 | 190                    | 470                    | 890                    | 888                  |
| 2 operators .....  | 1,238   | 17                  | 24                     | 45                     | 82                     | 45                   |
| 3 operators .....  | 152   | 3                   | 2                      | 9                      | 4                      | 7                    |
| 4 operators .....  | 28  | -                   | -                      | 1                      | 1                      | -                    |
| 5 or more operators .....  | 16  | 1                   | -                      | -                      | -                      | -                    |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999                        | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000   |
|--|---|----------------------|--------------------|--------------------|--------------------|---------------------|
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>              |   |                      |                    |                    |                    |                     |
| Estimated market value of all machinery and equipment .....      | farms<br>\$1,000<br>3,891<br>333,329        | 6,524<br>380,443     | 5,056<br>194,490   | 4,828<br>126,491   | 6,069<br>120,631   | 14,802<br>244,887   |
| Farms by value group:  |   |                      |                    |                    |                    |                     |
| \$1 to \$4,999 .....   | 89  | 243                  | 428                | 689                | 1,635              | 4,714               |
| \$5,000 to \$9,999 .....   | 160   | 434                  | 720                | 840                | 1,157              | 3,281               |
| \$10,000 to \$19,999 .....                                       | 390   | 909                  | 1,036              | 1,094              | 1,151              | 3,057               |
| \$20,000 to \$49,999 .....                                       | 1,045                                       | 2,418                | 1,713              | 1,647              | 1,649              | 2,663               |
| \$50,000 to \$99,999 .....                                       | 1,102                                       | 1,658                | 786                | 376                | 316                | 758                 |
| \$100,000 to \$199,999 .....                                     | 768   | 538                  | 282                | 134                | 136                | 219                 |
| \$200,000 to \$499,999 .....                                     | 268   | 279                  | 84                 | 48                 | 20                 | 110                 |
| \$500,000 or more .....  | 69  | 45                   | 7                  | -                  | 5                  | -                   |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>              |   |                      |                    |                    |                    |                     |
| Tractors .....   | farms<br>number<br>12,790                   | 6,133<br>18,429      | 4,778<br>11,539    | 4,480<br>9,804     | 5,524<br>11,359    | 13,525<br>23,765    |
| Less than 40 horsepower (PTO) .....                              | farms<br>number<br>1,923                    | 3,486<br>5,823       | 2,744<br>4,464     | 2,636<br>4,064     | 3,612<br>5,483     | 8,852<br>12,626     |
| 40 to 99 horsepower (PTO) .....                                  | farms<br>number<br>2,969                    | 4,818<br>9,376       | 3,407<br>5,881     | 3,169<br>4,786     | 3,335<br>5,027     | 7,176<br>9,745      |
| 100 horsepower (PTO) or more .....                               | farms<br>number<br>3,179                    | 2,419<br>3,230       | 893<br>1,194       | 731<br>954         | 755<br>849         | 1,145<br>1,394      |
| Grain and bean combines (see text) .....                         | farms<br>number<br>1,619<br>1,810           | 2,235<br>2,566       | 817<br>875         | 642<br>718         | 552<br>587         | 1,001<br>1,058      |
| Cotton pickers and strippers .....                               | farms<br>number<br>-                        | -                    | -                  | -                  | -                  | -                   |
| Forage harvesters, self-propelled (see text) .....               | farms<br>number<br>124<br>147               | 239<br>283           | 171<br>193         | 181<br>190         | 207<br>263         | 212<br>232          |
| Hay balers .....   | farms<br>number<br>1,669<br>2,215           | 2,685<br>3,465       | 2,145<br>2,680     | 2,101<br>2,582     | 2,386<br>2,842     | 3,747<br>4,197      |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>                     |   |                      |                    |                    |                    |                     |
| Commercial fertilizer, lime, and soil conditioners .....         | farms<br>acres treated<br>396,311           | 4,465<br>292,963     | 2,685<br>89,572    | 1,830<br>43,684    | 1,889<br>34,652    | 2,732<br>41,728     |
| Manure .....   | farms<br>acres treated<br>1,119<br>39,571   | 1,803<br>44,276      | 1,396<br>24,203    | 986<br>14,605      | 916<br>10,417      | 1,954<br>20,772     |
| Acres treated with chemicals to control- Insects .....           | farms<br>acres<br>943<br>62,426             | 1,178<br>35,217      | 694<br>12,667      | 512<br>7,270       | 463<br>4,406       | 653<br>6,305        |
| Weeds, grass, or brush .....                                     | farms<br>acres<br>3,517<br>311,698          | 3,517<br>226,508     | 1,888<br>56,978    | 1,242<br>26,284    | 1,100<br>15,673    | 1,640<br>22,527     |
| Nematodes .....  | farms<br>acres<br>119<br>7,436              | 196<br>6,381         | 49<br>234          | 42<br>197          | 33<br>131          | 59<br>289           |
| Diseases in crops and orchards .....                             | farms<br>acres<br>360<br>12,239             | 462<br>11,005        | 296<br>3,178       | 248<br>4,042       | 164<br>1,421       | 171<br>1,521        |
| Chemicals used to control growth, thin fruit, or defoliate ..... | farms<br>acres on which used<br>77<br>2,553 | 102<br>2,242         | 87<br>686          | 94<br>1,238        | 55<br>427          | 79<br>787           |
| <b>TENURE</b>  |   |                      |                    |                    |                    |                     |
| Full owners .....  | farms<br>1,943                              | 3,902                | 3,632              | 3,791              | 4,917              | 16,158              |
| Part owners .....  | farms<br>1,820                              | 2,127                | 1,231              | 803                | 769                | 1,035               |
| Tenants .....  | farms<br>256                                | 400                  | 244                | 155                | 163                | 249                 |
| <b>OWNED AND RENTED LAND</b>                                     |   |                      |                    |                    |                    |                     |
| Land owned .....   | farms<br>acres<br>3,777<br>570,659          | 6,050<br>680,714     | 4,882<br>418,181   | 4,606<br>322,603   | 5,697<br>344,408   | 17,213<br>1,242,229 |
| Owned land in farms .....  | farms<br>acres<br>3,763<br>528,214          | 6,029<br>610,758     | 4,863<br>371,010   | 4,594<br>277,107   | 5,686<br>297,757   | 17,193<br>1,061,836 |
| Land rented or leased from others .....                          | farms<br>acres<br>2,092<br>257,724          | 2,553<br>194,140     | 1,493<br>78,326    | 976<br>39,103      | 952<br>30,668      | 1,315<br>44,503     |
| Rented or leased land in farms .....                             | farms<br>acres<br>2,076<br>254,768          | 2,527<br>190,784     | 1,475<br>76,732    | 958<br>37,460      | 932<br>28,957      | 1,284<br>41,114     |
| Land rented or leased to others .....                            | farms<br>acres<br>492<br>45,401             | 1,023<br>73,312      | 873<br>48,765      | 896<br>47,139      | 1,035<br>48,362    | 2,773<br>183,782    |
| <b>NUMBER OF OPERATORS</b>                                       |   |                      |                    |                    |                    |                     |
| Total operators .....  | number<br>5,807                             | 9,253                | 7,483              | 6,930              | 8,697              | 25,352              |
| Farms by number of operators:                                    |   |                      |                    |                    |                    |                     |
| 1 operator .....   | 2,545                                       | 4,107                | 3,153              | 2,850              | 3,436              | 10,701              |
| 2 operators .....  | 1,260                                       | 1,992                | 1,696              | 1,715              | 2,129              | 5,984               |
| 3 operators .....  | 155   | 232                  | 174                | 131                | 180                | 535                 |
| 4 operators .....  | 32  | 66                   | 62                 | 31                 | 79                 | 144                 |
| 5 or more operators .....  | 27  | 32                   | 22                 | 22                 | 25                 | 78                  |
| Total women operators .....                                      | number<br>1,310                             | 2,271                | 2,136              | 2,156              | 2,868              | 8,723               |
| Farms by number of women operators:                              |   |                      |                    |                    |                    |                     |
| 1 operator .....   | 1,144                                       | 1,975                | 1,830              | 1,957              | 2,438              | 7,471               |
| 2 operators .....  | 71  | 112                  | 107                | 80                 | 161                | 494                 |
| 3 operators .....  | 8   | 14                   | 12                 | 13                 | 25                 | 55                  |
| 4 operators .....  | -   | 5                    | 4                  | -                  | -                  | 17                  |
| 5 or more operators .....  | -   | 2                    | 3                  | -                  | 5                  | 5                   |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms      | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|--|----------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |                |                     |                        |                        |                        |                      |
| Sex of operator:   |                |                     |                        |                        |                        |                      |
| Male .....   | 47,411         | 560                 | 868                    | 1,756                  | 3,136                  | 3,106                |
| Female .....   | 5,904          | 11                  | 14                     | 51                     | 95                     | 123                  |
| Primary occupation:  |                |                     |                        |                        |                        |                      |
| Farming .....  | 29,071         | 538                 | 832                    | 1,673                  | 2,866                  | 2,544                |
| Other .....  | 24,244         | 33                  | 50                     | 134                    | 365                    | 685                  |
| Place of residence:  |                |                     |                        |                        |                        |                      |
| On farm operated .....                                       | 46,192         | 389                 | 728                    | 1,598                  | 2,907                  | 2,874                |
| Not on farm operated .....                                   | 7,123          | 182                 | 154                    | 209                    | 324                    | 355                  |
| Days worked off farm:  |                |                     |                        |                        |                        |                      |
| None .....   | 23,109         | 506                 | 753                    | 1,420                  | 2,146                  | 1,650                |
| Any .....  | 30,206         | 65                  | 129                    | 387                    | 1,085                  | 1,579                |
| 1 to 49 days .....   | 2,751          | 17                  | 43                     | 140                    | 261                    | 232                  |
| 50 to 99 days .....  | 1,598          | 7                   | 14                     | 38                     | 113                    | 121                  |
| 100 to 199 days .....  | 3,510          | 12                  | 12                     | 59                     | 193                    | 267                  |
| 200 days or more .....                                       | 22,347         | 29                  | 60                     | 150                    | 518                    | 959                  |
| Years on present farm:                                       |                |                     |                        |                        |                        |                      |
| 2 years or less .....  | 1,537          | 7                   | 10                     | 21                     | 44                     | 50                   |
| 3 or 4 years .....   | 3,154          | 25                  | 18                     | 34                     | 70                     | 106                  |
| 5 to 9 years .....   | 8,777          | 59                  | 47                     | 117                    | 250                    | 332                  |
| 10 years or more .....                                       | 39,847         | 480                 | 807                    | 1,635                  | 2,867                  | 2,741                |
| Average years on present farm .....                          | 21.5           | 24.3                | 26.8                   | 26.1                   | 26.4                   | 25.5                 |
| Age group:   |                |                     |                        |                        |                        |                      |
| Under 25 years .....   | 435            | 1                   | 2                      | 15                     | 23                     | 42                   |
| 25 to 34 years .....   | 2,532          | 30                  | 25                     | 119                    | 183                    | 184                  |
| 35 to 44 years .....   | 10,489         | 144                 | 227                    | 429                    | 727                    | 741                  |
| 45 to 49 years .....   | 7,462          | 97                  | 148                    | 327                    | 504                    | 433                  |
| 50 to 54 years .....   | 7,765          | 91                  | 161                    | 284                    | 521                    | 429                  |
| 55 to 59 years .....   | 6,666          | 85                  | 113                    | 257                    | 418                    | 376                  |
| 60 to 64 years .....   | 6,014          | 61                  | 86                     | 154                    | 361                    | 365                  |
| 65 to 69 years .....   | 4,407          | 32                  | 47                     | 111                    | 231                    | 253                  |
| 70 years and over .....                                      | 7,545          | 30                  | 73                     | 111                    | 263                    | 406                  |
| Average age .....  | 54.2           | 50.7                | 51.8                   | 50.7                   | 51.9                   | 52.9                 |
| Spanish, Hispanic, or Latino origin (see text) .....         | 828            | 8                   | 9                      | 14                     | 42                     | 65                   |
| Race:  |                |                     |                        |                        |                        |                      |
| White .....  | 52,795         | 571                 | 878                    | 1,801                  | 3,220                  | 3,206                |
| Black or African American .....                              | 184            | -                   | -                      | 1                      | 4                      | 13                   |
| American Indian or Alaska Native .....                       | 146            | -                   | 1                      | 3                      | 2                      | 5                    |
| Native Hawaiian or Other Pacific Islander .....              | 13             | -                   | -                      | -                      | 1                      | -                    |
| Asian .....  | 30             | -                   | -                      | -                      | 2                      | -                    |
| More than one race reported .....                            | 147            | -                   | 3                      | 2                      | 2                      | 5                    |
| Operators living on an American Indian reservation .....     | 76             | 1                   | -                      | -                      | 2                      | 10                   |
| Farms by number of persons living in operator's household:   |                |                     |                        |                        |                        |                      |
| 1 person .....   | 5,692          | 21                  | 50                     | 117                    | 249                    | 296                  |
| 2 people .....   | 24,554         | 217                 | 347                    | 719                    | 1,337                  | 1,449                |
| 3 people .....   | 7,823          | 78                  | 118                    | 251                    | 485                    | 444                  |
| 4 people .....   | 8,162          | 93                  | 166                    | 362                    | 574                    | 506                  |
| 5 or more people .....                                       | 7,084          | 162                 | 201                    | 358                    | 586                    | 534                  |
| Percent of operator's total household income from farming:   |                |                     |                        |                        |                        |                      |
| Less than 25 percent .....                                   | 34,565         | 25                  | 68                     | 192                    | 552                    | 958                  |
| 25 to 49 percent .....                                       | 5,262          | 31                  | 61                     | 153                    | 308                    | 478                  |
| 50 to 74 percent .....                                       | 4,734          | 54                  | 122                    | 281                    | 630                    | 709                  |
| 75 to 99 percent .....                                       | 3,083          | 109                 | 175                    | 354                    | 687                    | 439                  |
| 100 percent .....  | 4,646          | 273                 | 392                    | 749                    | 960                    | 563                  |
| Operator is a hired manager .....                            | farms<br>acres | 1,025<br>396,227    | 79<br>130,547          | 64<br>79,517           | 78<br>51,178           | 94<br>42,484         |
| Farms with-  |                |                     |                        |                        |                        |                      |
| Computer for farm business .....                             | 20,937         | 529                 | 708                    | 1,245                  | 1,889                  | 1,493                |
| Internet access .....  | 27,663         | 495                 | 667                    | 1,224                  | 1,864                  | 1,650                |
| Farms by number of households sharing in net income of farm: |                |                     |                        |                        |                        |                      |
| 1 household .....  | 43,032         | 174                 | 315                    | 985                    | 2,207                  | 2,467                |
| 2 households .....   | 6,815          | 134                 | 276                    | 477                    | 689                    | 541                  |
| 3 households .....   | 1,345          | 117                 | 143                    | 205                    | 151                    | 85                   |
| 4 households .....   | 603            | 35                  | 39                     | 37                     | 43                     | 33                   |
| 5 households or more .....                                   | 495            | 32                  | 45                     | 25                     | 47                     | 21                   |
| <b>F FARMS BY TYPE OF ORGANIZATION</b>                       |                |                     |                        |                        |                        |                      |
| Family or individual .....                                   | farms<br>acres | 48,070<br>7,430,707 | 151<br>267,989         | 375<br>475,837         | 1,170<br>1,039,097     | 2,536<br>1,348,213   |
| Partnership .....  | farms<br>acres | 3,172<br>1,737,310  | 184<br>403,292         | 273<br>410,494         | 391<br>(D)             | 433<br>247,360       |
| Registered under state law .....                             | farms<br>acres | 1,883<br>1,278,271  | 163<br>351,290         | 228<br>342,930         | 296<br>275,961         | 274<br>151,607       |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999 | \$10,000 to \$24,999    | \$5,000 to \$9,999      | \$2,500 to \$4,999    | \$1,000 to \$2,499 | Less than \$1,000               |
|--|----------------------|-------------------------|-------------------------|-----------------------|--------------------|---------------------------------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |                      |                         |                         |                       |                    |                                 |
| Sex of operator:   |                      |                         |                         |                       |                    |                                 |
| Male .....   | 3,809                | 5,983                   | 4,614                   | 4,177                 | 5,044              | 14,358                          |
| Female .....   | 210                  | 446                     | 493                     | 572                   | 805                | 3,084                           |
| Primary occupation:  |                      |                         |                         |                       |                    |                                 |
| Farming .....  | 2,718                | 3,781                   | 2,576                   | 2,128                 | 2,469              | 6,946                           |
| Other .....  | 1,301                | 2,648                   | 2,531                   | 2,621                 | 3,380              | 10,496                          |
| Place of residence:  |                      |                         |                         |                       |                    |                                 |
| On farm operated .....                                       | 3,541                | 5,519                   | 4,469                   | 4,203                 | 5,176              | 14,788                          |
| Not on farm operated .....                                   | 478                  | 910                     | 638                     | 546                   | 673                | 2,654                           |
| Days worked off farm:  |                      |                         |                         |                       |                    |                                 |
| None .....   | 1,737                | 2,466                   | 1,872                   | 1,611                 | 2,023              | 6,925                           |
| Any .....  | 2,282                | 3,963                   | 3,235                   | 3,138                 | 3,826              | 10,517                          |
| 1 to 49 days .....   | 252                  | 327                     | 251                     | 228                   | 288                | 712                             |
| 50 to 99 days .....  | 150                  | 206                     | 154                     | 131                   | 177                | 487                             |
| 100 to 199 days .....  | 300                  | 536                     | 377                     | 357                   | 409                | 988                             |
| 200 days or more .....                                       | 1,580                | 2,894                   | 2,453                   | 2,422                 | 2,952              | 8,330                           |
| Years on present farm:                                       |                      |                         |                         |                       |                    |                                 |
| 2 years or less .....  | 59                   | 148                     | 156                     | 145                   | 253                | 644                             |
| 3 or 4 years .....   | 165                  | 300                     | 305                     | 363                   | 442                | 1,326                           |
| 5 to 9 years .....   | 545                  | 982                     | 885                     | 871                   | 1,237              | 3,452                           |
| 10 years or more .....                                       | 3,250                | 4,999                   | 3,761                   | 3,370                 | 3,917              | 12,020                          |
| Average years on present farm .....                          | 25.4                 | 23.3                    | 21.0                    | 19.9                  | 18.4               | 19.1                            |
| Age group:   |                      |                         |                         |                       |                    |                                 |
| Under 25 years .....   | 35                   | 71                      | 59                      | 49                    | 51                 | 87                              |
| 25 to 34 years .....   | 256                  | 351                     | 301                     | 205                   | 265                | 613                             |
| 35 to 44 years .....   | 717                  | 1,151                   | 955                     | 949                   | 1,230              | 3,219                           |
| 45 to 49 years .....   | 493                  | 830                     | 667                     | 652                   | 874                | 2,437                           |
| 50 to 54 years .....   | 524                  | 827                     | 693                     | 704                   | 870                | 2,661                           |
| 55 to 59 years .....   | 536                  | 795                     | 613                     | 597                   | 734                | 2,142                           |
| 60 to 64 years .....   | 424                  | 783                     | 594                     | 521                   | 610                | 2,055                           |
| 65 to 69 years .....   | 397                  | 586                     | 435                     | 417                   | 443                | 1,455                           |
| 70 years and over .....                                      | 637                  | 1,035                   | 790                     | 655                   | 772                | 2,773                           |
| Average age .....  | 54.7                 | 54.9                    | 54.3                    | 54.1                  | 53.5               | 55.2                            |
| Spanish, Hispanic, or Latino origin (see text) .....         | 59                   | 95                      | 61                      | 69                    | 97                 | 309                             |
| Race:  |                      |                         |                         |                       |                    |                                 |
| White .....  | 3,991                | 6,379                   | 5,062                   | 4,685                 | 5,775              | 17,227                          |
| Black or African American .....                              | 11                   | 27                      | 15                      | 25                    | 27                 | 61                              |
| American Indian or Alaska Native .....                       | 10                   | 8                       | 10                      | 20                    | 17                 | 70                              |
| Native Hawaiian or Other Pacific Islander .....              | -                    | 1                       | -                       | 1                     | 6                  | 4                               |
| Asian .....  | 1                    | 2                       | 5                       | 4                     | -                  | 16                              |
| More than one race reported .....                            | 6                    | 12                      | 15                      | 14                    | 24                 | 64                              |
| Operators living on an American Indian reservation .....     | 5                    | 10                      | 6                       | 6                     | 9                  | 27                              |
| Farms by number of persons living in operator's household:   |                      |                         |                         |                       |                    |                                 |
| 1 person .....   | 456                  | 705                     | 576                     | 478                   | 584                | 2,160                           |
| 2 people .....   | 1,860                | 3,110                   | 2,396                   | 2,202                 | 2,658              | 8,259                           |
| 3 people .....   | 573                  | 952                     | 704                     | 741                   | 827                | 2,650                           |
| 4 people .....   | 621                  | 860                     | 774                     | 733                   | 978                | 2,495                           |
| 5 or more people .....                                       | 509                  | 802                     | 657                     | 595                   | 802                | 1,878                           |
| Percent of operator's total household income from farming:   |                      |                         |                         |                       |                    |                                 |
| Less than 25 percent .....                                   | 1,779                | 4,048                   | 3,867                   | 3,905                 | 4,829              | 14,342                          |
| 25 to 49 percent .....                                       | 748                  | 1,058                   | 578                     | 339                   | 348                | 1,160                           |
| 50 to 74 percent .....                                       | 740                  | 636                     | 284                     | 218                   | 245                | 815                             |
| 75 to 99 percent .....                                       | 308                  | 248                     | 114                     | 105                   | 142                | 402                             |
| 100 percent .....  | 362                  | 319                     | 177                     | 125                   | 202                | 524                             |
| Operator is a hired manager .....                            | farms<br>acres       | 82<br>13,391            | 120<br>18,862           | 87<br>9,072           | 57<br>3,956        | 83<br>4,406                     |
| Farms with-  |                      |                         |                         |                       |                    |                                 |
| Computer for farm business .....                             | 1,616                | 2,511                   | 1,900                   | 1,725                 | 2,109              | 5,212                           |
| Internet access .....  | 1,862                | 3,111                   | 2,572                   | 2,493                 | 3,040              | 8,685                           |
| Farms by number of households sharing in net income of farm: |                      |                         |                         |                       |                    |                                 |
| 1 household .....  | 3,224                | 5,200                   | 4,277                   | 4,048                 | 5,012              | 15,123                          |
| 2 households .....   | 551                  | 868                     | 592                     | 533                   | 579                | 1,575                           |
| 3 households .....   | 88                   | 136                     | 67                      | 47                    | 77                 | 229                             |
| 4 households .....   | 41                   | 52                      | 46                      | 40                    | 56                 | 181                             |
| 5 households or more .....                                   | 33                   | 53                      | 38                      | 24                    | 42                 | 135                             |
| <b>F FARMS BY TYPE OF ORGANIZATION</b>                       |                      |                         |                         |                       |                    |                                 |
| Family or individual .....                                   | farms<br>acres       | 3,628<br>709,557        | 5,924<br>729,376        | 4,784<br>417,520      | 4,532<br>296,469   | 5,592<br>306,002                |
| Partnership .....  | farms<br>acres       | 289                     | 346                     | 216                   | 139                | 166                             |
| Registered under state law .....                             | farms<br>acres       | 60,672<br>142<br>25,776 | 53,352<br>163<br>23,269 | 20,520<br>90<br>7,429 | (D)<br>51<br>5,171 | 49,395<br>14,890<br>83<br>9,116 |
| 16,582<br>1,011,304<br>470<br>235<br>32,887                  |                      |                         |                         |                       |                    |                                 |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms        | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|--|------------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>  |                  |                     |                        |                        |                        |                      |
| Corporation .....  | farms<br>acres   | 1,817<br>911,349    | 232<br>276,428         | 228<br>(D)             | 244<br>175,745         | 254<br>108,898       |
| Family held .....  | farms<br>acres   | 1,683<br>875,773    | 211<br>263,391         | 222<br>245,511         | 233<br>168,586         | 239<br>104,151       |
| More than 10 stockholders .....  | farms<br>acres   | 24<br>5             | 4                      | 1                      | 1                      | 1                    |
| 10 or less stockholders .....  | farms            | 1,659               | 206                    | 218                    | 232                    | 238                  |
| Other than family held .....   | farms<br>acres   | 134<br>35,576       | 21<br>13,037           | 6<br>(D)               | 11<br>7,159            | 15<br>4,747          |
| More than 10 stockholders .....  | farms<br>acres   | 16<br>3             | 3                      | -                      | 1                      | -                    |
| 10 or less stockholders .....  | farms            | 118                 | 18                     | 6                      | 10                     | 15                   |
| Other-cooperative, estate or trust, institutional, etc .....                         | farms<br>acres   | 256<br>63,592       | 4<br>19,430            | 6<br>(D)               | 2<br>(D)               | 8<br>5,853           |
| <b>H HIRED FARM LABOR</b>  |                  |                     |                        |                        |                        |                      |
| Hired farm labor .....   | farms<br>workers | 12,279<br>86,855    | 552<br>25,647          | 790<br>10,823          | 1,360<br>12,746        | 1,765<br>10,260      |
| Workers by days worked:  |                  |                     |                        |                        |                        |                      |
| 150 days or more .....   | farms<br>workers | 4,414<br>23,034     | 525<br>10,464          | 689<br>3,233           | 1,019<br>3,745         | 941<br>2,629         |
| Less than 150 days .....   | farms<br>workers | 10,635<br>63,821    | 425<br>15,183          | 590<br>7,590           | 1,017<br>9,001         | 1,398<br>7,631       |
| Migrant farm labor on farms with hired labor (see text) .....                        | farms            | 1,412               | 186                    | 183                    | 281                    | 202                  |
| Migrant farm labor on farms reporting only contract labor (see text) .....           | farms            | 143                 | -                      | 1                      | 16                     | 1                    |
| <b>F FARMS BY SIZE</b>   |                  |                     |                        |                        |                        |                      |
| 1 to 9 acres .....   |                  | 3,235               | 19                     | 42                     | 61                     | 93                   |
| 10 to 49 acres .....   |                  | 18,663              | 75                     | 49                     | 65                     | 158                  |
| 50 to 69 acres .....   |                  | 4,425               | 13                     | 3                      | 13                     | 62                   |
| 70 to 99 acres .....   |                  | 6,444               | 10                     | 11                     | 26                     | 105                  |
| 100 to 139 acres .....   |                  | 4,573               | 12                     | 10                     | 40                     | 99                   |
| 140 to 179 acres .....   |                  | 3,163               | 3                      | 8                      | 36                     | 196                  |
| 180 to 219 acres .....   |                  | 2,084               | 9                      | 11                     | 33                     | 122                  |
| 220 to 259 acres .....   |                  | 1,618               | 3                      | 9                      | 34                     | 131                  |
| 260 to 499 acres .....   |                  | 4,291               | 36                     | 83                     | 253                    | 752                  |
| 500 to 999 acres .....   |                  | 2,856               | 85                     | 178                    | 532                    | 1,233                |
| 1,000 to 1,999 acres .....   |                  | 1,468               | 128                    | 262                    | 632                    | 354                  |
| 2,000 acres or more .....  |                  | 495                 | 178                    | 216                    | 82                     | 11                   |
| <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>                     |                  |                     |                        |                        |                        |                      |
| Oilseed and grain farming (1111) .....   |                  | 13,465              | 56                     | 247                    | 664                    | 1,386                |
| Vegetable and melon farming (1112) .....   |                  | 1,610               | 77                     | 90                     | 104                    | 142                  |
| Fruit and tree nut farming (1113) .....  |                  | 2,376               | 28                     | 42                     | 95                     | 200                  |
| Greenhouse, nursery, and floriculture production (1114) .....                        |                  | 3,170               | 126                    | 98                     | 151                    | 289                  |
| Other crop farming (1119) .....  |                  | 14,259              | 28                     | 64                     | 114                    | 179                  |
| Tobacco farming (11191) .....  |                  | -                   | -                      | -                      | -                      | -                    |
| Cotton farming (11192) .....   |                  | -                   | -                      | -                      | -                      | -                    |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... |                  | 14,259              | 28                     | 64                     | 114                    | 179                  |
| Beef cattle ranching and farming (11211) .....                                       |                  | 4,115               | 3                      | 12                     | 23                     | 66                   |
| Cattle feedlots (11212) .....  |                  | 2,232               | 27                     | 33                     | 50                     | 100                  |
| Dairy cattle and milk production (11212) .....                                       |                  | 2,489               | 133                    | 218                    | 512                    | 710                  |
| Hog and pig farming (1122) .....   |                  | 838                 | 56                     | 47                     | 74                     | 81                   |
| Poultry and egg production (1123) .....  |                  | 604                 | 31                     | 18                     | 5                      | 7                    |
| Sheep and goat farming (1124) .....  |                  | 942                 | -                      | 1                      | -                      | 5                    |
| Animal aquaculture and other animal production (1125, 1129) .....                    |                  | 7,215               | 6                      | 12                     | 15                     | 66                   |
| <b>L LIVESTOCK</b>   |                  |                     |                        |                        |                        |                      |
| Cattle and calves inventory .....  | farms<br>number  | 14,495<br>998,204   | 202<br>234,629         | 357<br>136,759         | 779<br>173,037         | 1,295<br>153,080     |
| Farms with-  |                  |                     |                        |                        |                        |                      |
| 1 to 9 .....   |                  | 4,512               | 9                      | 7                      | 22                     | 60                   |
| 10 to 49 .....   |                  | 5,995               | 6                      | 14                     | 53                     | 173                  |
| 50 to 99 .....   |                  | 1,656               | 4                      | 15                     | 52                     | 328                  |
| 100 to 199 .....   |                  | 1,186               | 10                     | 27                     | 207                    | 557                  |
| 200 to 499 .....   |                  | 856                 | 13                     | 196                    | 421                    | 169                  |
| 500 or more .....  |                  | 290                 | 160                    | 98                     | 24                     | 8                    |
| Cows and heifers that had calved .....   | farms<br>number  | 10,730<br>415,993   | 150<br>105,641         | 281<br>55,067          | 608<br>68,588          | 964<br>60,797        |
| Beef cows .....  | farms<br>number  | 8,144<br>117,564    | 17<br>731              | 54<br>3,160            | 100<br>3,647           | 280<br>10,596        |
| Farms with-  |                  |                     |                        |                        |                        |                      |
| 1 to 9 .....   |                  | 4,299               | 3                      | 13                     | 28                     | 71                   |
| 10 to 49 .....   |                  | 3,463               | 8                      | 23                     | 49                     | 143                  |
| 50 to 99 .....   |                  | 286                 | 3                      | 7                      | 13                     | 33                   |
| 100 to 199 .....   |                  | 81                  | 2                      | 6                      | 8                      | 29                   |
| 200 to 499 .....   |                  | 14                  | 1                      | 5                      | 2                      | 3                    |
| 500 or more .....  |                  | 1                   | -                      | -                      | -                      | 1                    |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to \$49,999               | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000    |
|---|------------------------------------|----------------------|--------------------|--------------------|--------------------|----------------------|
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>   |                                    |                      |                    |                    |                    |                      |
| Corporation .....   | farms<br>acres<br>11,006           | 93<br>128<br>14,122  | 87<br>6,808<br>(D) | 56<br>50           | 71<br>62<br>3,687  | 269<br>237<br>26,476 |
| Family held .....   | farms<br>acres<br>85<br>10,304     | 115<br>13,369        | 80<br>6,712        | 2,367              | 3,162              | 21,843               |
| More than 10 stockholders .....   | farms<br>acres<br>1<br>84          | 2<br>113             | 4<br>76            | 3<br>47            | -<br>62            | 2<br>235             |
| 10 or less stockholders .....   | farms<br>acres<br>84               | 113                  | 76                 | 47                 | 62                 | 235                  |
| Other than family held .....  | farms<br>acres<br>702              | 8<br>13<br>753       | 7<br>96<br>(D)     | 6<br>1<br>3        | 9<br>525<br>525    | 32<br>4,633<br>8     |
| More than 10 stockholders .....   | farms<br>acres<br>8                | -<br>13              | 1<br>6             | 3<br>3             | -<br>9             | -<br>24              |
| 10 or less stockholders .....   | farms<br>acres<br>8                | 13                   | 6                  | 3                  | 9                  | 24                   |
| Other-cooperative, estate<br>or trust, institutional, etc .....                         | farms<br>acres<br>9<br>1,747       | 31<br>4,692          | 20<br>2,894        | 22<br>(D)          | 20<br>2,135        | 121<br>15,775        |
| <b>H HIRED FARM LABOR</b>   |                                    |                      |                    |                    |                    |                      |
| Hired farm labor .....  | farms<br>workers<br>1,141<br>4,728 | 1,333<br>4,465       | 915<br>2,850       | 621<br>1,461       | 552<br>1,563       | 1,945<br>5,759       |
| Workers by days worked:   |                                    |                      |                    |                    |                    |                      |
| 150 days or more .....  | farms<br>workers<br>159<br>376     | 109<br>171           | 124<br>203         | 65<br>90           | 133<br>134         | 259<br>901           |
| Less than 150 days .....  | farms<br>workers<br>1,089<br>4,352 | 1,277<br>4,294       | 847<br>2,647       | 597<br>1,371       | 484<br>1,429       | 1,767<br>4,858       |
| Migrant farm labor on farms with hired<br>labor (see text) .....                        | farms<br>124                       | 124                  | 62                 | 22                 | 7                  | 53                   |
| Migrant farm labor on farms reporting<br>only contract labor (see text) .....           | farms<br>3                         | 19                   | 28                 | 10                 | 12                 | 45                   |
| <b>F FARMS BY SIZE</b>  |                                    |                      |                    |                    |                    |                      |
| 1 to 9 acres .....  | 114                                | 235                  | 307                | 345                | 610                | 1,320                |
| 10 to 49 acres .....  | 496                                | 1,176                | 1,770              | 2,247              | 3,182              | 9,175                |
| 50 to 69 acres .....  | 151                                | 606                  | 653                | 546                | 584                | 1,699                |
| 70 to 99 acres .....  | 309                                | 1,157                | 916                | 705                | 660                | 2,350                |
| 100 to 139 acres .....  | 421                                | 1,160                | 580                | 417                | 367                | 1,271                |
| 140 to 179 acres .....  | 594                                | 774                  | 366                | 211                | 204                | 662                  |
| 180 to 219 acres .....  | 525                                | 485                  | 170                | 110                | 78                 | 321                  |
| 220 to 259 acres .....  | 439                                | 296                  | 123                | 62                 | 39                 | 207                  |
| 260 to 499 acres .....  | 819                                | 441                  | 176                | 90                 | 98                 | 318                  |
| 500 to 999 acres .....  | 131                                | 92                   | 41                 | 14                 | 21                 | 97                   |
| 1,000 to 1,999 acres .....  | 19                                 | 7                    | 4                  | 1                  | 5                  | 20                   |
| 2,000 acres or more .....   | 1                                  | -                    | 1                  | 1                  | 1                  | 2                    |
| <b>F FARMS BY NORTH AMERICAN<br/>INDUSTRY CLASSIFICATION (NAICS)</b>                    |                                    |                      |                    |                    |                    |                      |
| Oilseed and grain farming (1111) .....  | 1,750                              | 2,535                | 1,475              | 1,038              | 998                | 1,896                |
| Vegetable and melon farming (1112) .....  | 159                                | 334                  | 213                | 149                | 106                | 62                   |
| Fruit and tree nut farming (1113) .....   | 296                                | 413                  | 293                | 221                | 241                | 344                  |
| Greenhouse, nursery, and floriculture<br>production (1114) .....                        | 348                                | 388                  | 256                | 189                | 287                | 726                  |
| Other crop farming (1119) .....   | 549                                | 1,061                | 1,088              | 1,194              | 1,662              | 8,071                |
| Tobacco farming (11191) .....   | -                                  | -                    | -                  | -                  | -                  | -                    |
| Cotton farming (11192) .....  | -                                  | -                    | -                  | -                  | -                  | -                    |
| Sugarcane farming, hay farming, and all<br>other crop farming (11193,11194,11199) ..... | 549                                | 1,061                | 1,088              | 1,194              | 1,662              | 8,071                |
| Beef cattle ranching and farming (11211) .....  | 257                                | 567                  | 607                | 571                | 729                | 1,137                |
| Cattle feedlots (11212) .....   | 176                                | 407                  | 399                | 415                | 428                | 83                   |
| Dairy cattle and milk production (11212) .....  | 257                                | 167                  | 13                 | 2                  | 2                  | 33                   |
| Hog and pig farming (1122) .....  | 44                                 | 75                   | 44                 | 61                 | 106                | 214                  |
| Poultry and egg production (1123) .....   | 10                                 | 21                   | 24                 | 39                 | 61                 | 371                  |
| Sheep and goat farming (1124) .....   | 10                                 | 42                   | 78                 | 128                | 256                | 414                  |
| Animal aquaculture and other animal<br>production (1125, 1129) .....                    | 163                                | 419                  | 617                | 742                | 973                | 4,091                |
| <b>L LIVESTOCK</b>  |                                    |                      |                    |                    |                    |                      |
| Cattle and calves inventory .....   | farms<br>number<br>1,396<br>61,270 | 2,119<br>62,955      | 1,646<br>34,338    | 1,433<br>20,679    | 1,563<br>16,221    | 2,534<br>24,626      |
| Farms with-   |                                    |                      |                    |                    |                    |                      |
| 1 to 9 .....  | 166                                | 406                  | 499                | 678                | 944                | 1,657                |
| 10 to 49 .....  | 797                                | 1,362                | 1,028              | 711                | 599                | 841                  |
| 50 to 99 .....  | 317                                | 300                  | 105                | 40                 | 17                 | 18                   |
| 100 to 199 .....  | 103                                | 50                   | 14                 | 4                  | 3                  | 16                   |
| 200 to 499 .....  | 13                                 | 1                    | -                  | -                  | -                  | 2                    |
| 500 or more .....   | -                                  | -                    | -                  | -                  | -                  | -                    |
| Cows and heifers that had calved .....  | farms<br>number<br>983<br>23,680   | 1,549<br>26,649      | 1,235<br>15,763    | 1,036<br>9,752     | 1,148<br>7,875     | 1,940<br>11,766      |
| Beef cows .....   | farms<br>number<br>722<br>17,692   | 1,370<br>24,397      | 1,195<br>15,592    | 1,019<br>9,686     | 1,122<br>7,767     | 1,870<br>11,585      |
| Farms with-   |                                    |                      |                    |                    |                    |                      |
| 1 to 9 .....  | 195                                | 448                  | 514                | 608                | 831                | 1,489                |
| 10 to 49 .....  | 423                                | 860                  | 670                | 406                | 289                | 374                  |
| 50 to 99 .....  | 92                                 | 62                   | 11                 | 5                  | 2                  | 7                    |
| 100 to 199 .....  | 12                                 | -                    | -                  | -                  | -                  | -                    |
| 200 to 499 .....  | -                                  | -                    | -                  | -                  | -                  | -                    |
| 500 or more .....   | -                                  | -                    | -                  | -                  | -                  | -                    |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms       | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|--|-----------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>LIVESTOCK - Con.</b>                                    |                 |                     |                        |                        |                        |                      |
| Cattle and calves inventory - Con.                         |                 |                     |                        |                        |                        |                      |
| Cows and heifers that had calved - Con.                    |                 |                     |                        |                        |                        |                      |
| Milk cows .....  | farms<br>number | 3,013<br>298,429    | 137<br>104,910         | 243<br>51,907          | 544<br>64,941          | 761<br>50,201        |
| Farms with-  |                 |                     |                        |                        |                        |                      |
| 1 to 4 .....   |                 | 378                 | -                      | -                      | 3                      | 8                    |
| 5 to 9 .....   |                 | 131                 | -                      | -                      | 2                      | 6                    |
| 10 to 49 .....   |                 | 940                 | -                      | 8                      | 10                     | 177                  |
| 50 to 99 .....   |                 | 723                 | 1                      | 8                      | 144                    | 481                  |
| 100 to 199 .....   |                 | 546                 | 5                      | 85                     | 363                    | 89                   |
| 200 to 499 .....   |                 | 217                 | 53                     | 142                    | 22                     | 4                    |
| 500 or more .....  |                 | 78                  | 78                     | -                      | -                      | -                    |
| Other cattle (see text) .....                              | farms<br>number | 12,711<br>582,211   | 200<br>128,988         | 350<br>81,692          | 762<br>104,449         | 1,234<br>92,283      |
| Cattle and calves sold .....                               | farms<br>number | 11,293<br>516,107   | 194<br>168,280         | 354<br>72,348          | 752<br>75,810          | 1,263<br>70,616      |
| Calves weighing less than 500 pounds .....                 | farms<br>number | \$1,000<br>298,517  | 99,334                 | 42,945                 | 44,505                 | 1,141<br>39,527      |
| Calves weighing less than 500 pounds .....                 | farms<br>number | 4,348<br>149,974    | 126<br>55,076          | 200<br>22,906          | 392<br>19,918          | 23,128<br>590        |
| Cattle, including calves weighing 500 pounds or more ..... | farms<br>number | 10,182<br>366,133   | 182<br>113,204         | 327<br>49,442          | 682<br>55,892          | 1,162<br>53,126      |
| Cattle on feed (see text) .....                            | farms<br>number | 4,590<br>207,660    | 70<br>83,293           | 149<br>30,278          | 271<br>29,307          | 449<br>26,394        |
| Hogs and pigs inventory .....                              | farms<br>number | 2,180<br>927,400    | 81<br>485,613          | 79<br>156,328          | 114<br>132,209         | 168<br>79,335        |
| Farms with-  |                 |                     |                        |                        |                        |                      |
| 1 to 24 .....  |                 | 1,291               | 2                      | 7                      | 7                      | 31                   |
| 25 to 49 .....   |                 | 184                 | -                      | -                      | 6                      | 8                    |
| 50 to 99 .....   |                 | 151                 | 1                      | -                      | 2                      | 11                   |
| 100 to 199 .....   |                 | 120                 | -                      | 2                      | 2                      | 17                   |
| 200 to 499 .....   |                 | 129                 | 3                      | 5                      | 13                     | 38                   |
| 500 or more .....  |                 | 305                 | 75                     | 65                     | 84                     | 63                   |
| Used or to be used for breeding .....                      | farms<br>number | 1,006<br>103,430    | 25<br>64,784           | 27<br>7,079            | 48<br>12,861           | 86<br>6,509          |
| Other hogs and pigs .....                                  | farms<br>number | 2,007<br>823,970    | 80<br>420,829          | 78<br>149,249          | 112<br>119,348         | 108<br>3,399         |
| Hogs and pigs sold .....                                   | farms<br>number | 2,336<br>2,789,197  | 83<br>1,782,430        | 80<br>386,518          | 122<br>342,096         | 184<br>169,791       |
| Hogs and pigs sold .....                                   | \$1,000         | 200,027             | 120,952                | 32,186                 | 25,020                 | 187<br>45,207        |
| Sheep and lambs of all ages inventory (see text) .....     | farms<br>number | 2,236<br>88,541     | 4<br>(D)               | 9<br>(D)               | 27<br>4,144            | 78<br>12,609         |
| Ewes 1 year old or older .....                             | farms<br>number | 1,980<br>46,649     | 3<br>(D)               | 7<br>(D)               | 25<br>1,748            | 66<br>4,473          |
| Sheep and lambs sold .....                                 | farms<br>number | 1,377<br>67,556     | 1<br>(D)               | 7<br>(D)               | 19<br>7,011            | 62<br>14,993         |
| Horses and ponies inventory .....                          | farms<br>number | 14,988<br>104,949   | 21<br>178              | 52<br>487              | 118<br>1,085           | 284<br>2,536         |
| Horses and ponies sold .....                               | farms<br>number | 3,238<br>11,615     | 6<br>(D)               | 7<br>(D)               | 13<br>359              | 118<br>946           |
| Goats, All inventory .....                                 | farms<br>number | 2,163<br>21,094     | 2<br>(D)               | 11<br>(D)              | 15<br>178              | 655<br>288           |
| Goats sold .....   | farms<br>number | 646<br>8,120        | -<br>-                 | 4<br>12                | 6<br>42                | 63<br>393            |
| <b>POULTRY</b>   |                 |                     |                        |                        |                        |                      |
| Layers 20 weeks old and older inventory .....              | farms<br>number | 3,491<br>7,308,261  | 16<br>6,847,455        | 13<br>241,266          | 28<br>92,679           | 66<br>3,778          |
| Farms with-  |                 |                     |                        |                        |                        |                      |
| 1 to 399 .....   |                 | 3,442               | 1                      | 9                      | 22                     | 65                   |
| 400 to 3,199 .....   |                 | 23                  | -                      | -                      | 3                      | 1                    |
| 3,200 to 9,999 .....                                       |                 | 5                   | -                      | 1                      | -                      | -                    |
| 10,000 to 19,999 .....                                     |                 | -                   | -                      | -                      | -                      | -                    |
| 20,000 to 49,999 .....                                     |                 | 4                   | -                      | 1                      | 3                      | -                    |
| 50,000 to 99,999 .....                                     |                 | 4                   | 3                      | 1                      | -                      | -                    |
| 100,000 or more .....                                      |                 | 13                  | 12                     | 1                      | -                      | -                    |
| Pullets for laying flock replacement inventory .....       | farms<br>number | 812<br>1,799,012    | 7<br>1,264,976         | 7<br>(D)               | 9<br>(D)               | 15<br>986            |
| Layers and pullets sold (see text) .....                   | farms<br>number | 725<br>6,995,451    | 16<br>5,583,327        | 7<br>938,930           | 9<br>418,634           | 12<br>5,414          |
| Broilers and other meat-type chickens sold .....           | farms<br>number | 659<br>4,027,972    | 4<br>2,510,000         | 5<br>1,278,100         | 3<br>244               | 9<br>(D)             |
| Farms with-  |                 |                     |                        |                        |                        |                      |
| 1 to 1,999 .....   |                 | 640                 | -                      | 1                      | 3                      | 7                    |
| 2,000 to 59,999 .....                                      |                 | 10                  | -                      | -                      | -                      | 1                    |
| 60,000 to 99,999 .....                                     |                 | 1                   | -                      | -                      | -                      | 1                    |
| 100,000 or more .....                                      |                 | 8                   | 4                      | 4                      | -                      | -                    |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to \$49,999    | \$10,000 to \$24,999   | \$5,000 to \$9,999     | \$2,500 to \$4,999    | \$1,000 to \$2,499    | Less than \$1,000 |
|---|-------------------------|------------------------|------------------------|-----------------------|-----------------------|-------------------|
| <b>LIVESTOCK - Con.</b>   |                         |                        |                        |                       |                       |                   |
| Cattle and calves inventory - Con.  |                         |                        |                        |                       |                       |                   |
| Cows and heifers that had calved - Con.                                     |                         |                        |                        |                       |                       |                   |
| Milk cows . . . . . farms number  | 311<br>5,988            | 228<br>2,252           | 65<br>171              | 34<br>66              | 62<br>108             | 119<br>181        |
| Farms with-   |                         |                        |                        |                       |                       |                   |
| 1 to 4 . . . . .  | 33                      | 53                     | 53                     | 33                    | 62                    | 119               |
| 5 to 9 . . . . .  | 26                      | 68                     | 10                     | 1                     | -                     | -                 |
| 10 to 49 . . . . .  | 243                     | 107                    | 2                      | -                     | -                     | -                 |
| 50 to 99 . . . . .  | 9                       | -                      | -                      | -                     | -                     | -                 |
| 100 to 199 . . . . .  | -                       | -                      | -                      | -                     | -                     | -                 |
| 200 to 499 . . . . .  | -                       | -                      | -                      | -                     | -                     | -                 |
| 500 or more . . . . .   | -                       | -                      | -                      | -                     | -                     | -                 |
| Other cattle (see text) . . . . . farms number                              | 1,330<br>37,590         | 1,975<br>36,306        | 1,464<br>18,575        | 1,210<br>10,927       | 1,232<br>8,346        | 1,822<br>12,860   |
| Cattle and calves sold . . . . . farms number                               | 1,299<br>33,518         | 1,978<br>29,753        | 1,490<br>14,027        | 1,256<br>7,384        | 1,275<br>4,373        | 291<br>471        |
| Calves weighing less than 500 pounds . . . . . farms number                 | \$1,000<br>485<br>9,268 | 18,207<br>680<br>7,336 | 16,411<br>508<br>4,163 | 7,210<br>425<br>2,369 | 3,507<br>370<br>1,485 | 182<br>102<br>224 |
| Cattle, including calves weighing 500 pounds or more . . . . . farms number | 1,188<br>24,250         | 1,823<br>22,417        | 1,360<br>9,864         | 1,124<br>5,015        | 1,105<br>2,888        | 199<br>247        |
| Cattle on feed (see text) . . . . . farms number                            | 542<br>9,588            | 894<br>8,796           | 665<br>3,812           | 560<br>2,061          | 471<br>1,101          | 86<br>107         |
| Hogs and pigs inventory . . . . . farms number                              | 205<br>18,000           | 323<br>13,692          | 248<br>4,987           | 213<br>2,882          | 245<br>2,176          | 341<br>4,192      |
| Farms with-   |                         |                        |                        |                       |                       |                   |
| 1 to 24 . . . . .   | 83                      | 187                    | 184                    | 187                   | 228                   | 323               |
| 25 to 49 . . . . .  | 34                      | 47                     | 35                     | 13                    | 13                    | 15                |
| 50 to 99 . . . . .  | 27                      | 40                     | 21                     | 11                    | 4                     | 1                 |
| 100 to 199 . . . . .  | 39                      | 38                     | 8                      | 2                     | -                     | -                 |
| 200 to 499 . . . . .  | 20                      | 10                     | -                      | -                     | -                     | -                 |
| 500 or more . . . . .   | 2                       | 1                      | -                      | -                     | -                     | 2                 |
| Used or to be used for breeding . . . . . farms number                      | 120<br>2,157            | 182<br>2,404           | 106<br>955             | 88<br>451             | 97<br>415             | 119<br>2,416      |
| Other hogs and pigs . . . . . farms number                                  | 195<br>15,843           | 295<br>11,288          | 227<br>4,032           | 194<br>2,431          | 215<br>1,761          | 300<br>1,776      |
| Hogs and pigs sold . . . . . farms number                                   | 232<br>27,149           | 385<br>21,385          | 288<br>7,148           | 265<br>3,940          | 271<br>2,494          | 239<br>1,039      |
| Sheep and lambs of all ages inventory (see text) . . . . . farms number     | \$1,000<br>150<br>9,784 | 12,788                 | 252<br>10,634          | 318<br>9,560          | 418<br>8,790          | 621<br>7,368      |
| Ewes 1 year old or older . . . . . farms number                             | 133<br>5,256            | 228<br>7,798           | 224<br>6,662           | 292<br>5,968          | 367<br>5,079          | 555<br>4,210      |
| Sheep and lambs sold . . . . . farms number                                 | 87<br>4,683             | 170<br>8,427           | 214<br>7,558           | 236<br>5,700          | 297<br>4,694          | 212<br>1,541      |
| Horses and ponies inventory . . . . . farms number                          | 598<br>5,082            | 1,246<br>10,753        | 1,363<br>10,699        | 1,542<br>10,091       | 2,007<br>11,332       | 7,342<br>49,363   |
| Horses and ponies sold . . . . . farms number                               | 184<br>1,379            | 485<br>2,078           | 631<br>1,977           | 701<br>1,640          | 832<br>1,266          | 196<br>252        |
| Goats, All inventory . . . . . farms number                                 | 86<br>1,335             | 173<br>1,622           | 208<br>1,922           | 267<br>2,275          | 400<br>4,035          | 891<br>6,889      |
| Goats sold . . . . . farms number   | 31<br>784               | 49<br>531              | 87<br>1,174            | 105<br>1,043          | 162<br>1,043          | 167<br>1,886      |
| <b>POULTRY</b>  |                         |                        |                        |                       |                       |                   |
| Layers 20 weeks old and older inventory . . . . . farms number              | 221<br>17,103           | 354<br>16,523          | 388<br>13,149          | 436<br>13,573         | 566<br>15,207         | 1,284<br>24,220   |
| Farms with-   |                         |                        |                        |                       |                       |                   |
| 1 to 399 . . . . .  | 213                     | 349                    | 384                    | 435                   | 566                   | 1,284             |
| 400 to 3,199 . . . . .  | 7                       | 5                      | 4                      | 1                     | -                     | -                 |
| 3,200 to 9,999 . . . . .  | 1                       | -                      | -                      | -                     | -                     | -                 |
| 10,000 to 19,999 . . . . .  | -                       | -                      | -                      | -                     | -                     | -                 |
| 20,000 to 49,999 . . . . .  | -                       | -                      | -                      | -                     | -                     | -                 |
| 50,000 to 99,999 . . . . .  | -                       | -                      | -                      | -                     | -                     | -                 |
| 100,000 or more . . . . .   | -                       | -                      | -                      | -                     | -                     | -                 |
| Pullets for laying flock replacement inventory . . . . . farms number       | 54<br>4,862             | 102<br>4,661           | 94<br>2,906            | 97<br>2,628           | 145<br>4,887          | 255<br>4,358      |
| Layers and pullets sold (see text) . . . . . farms number                   | 58<br>15,385            | 82<br>7,052            | 84<br>4,481            | 111<br>4,303          | 164<br>5,334          | 161<br>3,524      |
| Broilers and other meat-type chickens sold . . . . . farms number           | 49<br>26,591            | 111<br>39,390          | 75<br>13,442           | 117<br>8,563          | 115<br>(D)            | 142<br>5,960      |
| Farms with-   |                         |                        |                        |                       |                       |                   |
| 1 to 1,999 . . . . .  | 46                      | 109                    | 73                     | 117                   | 115                   | 142               |
| 2,000 to 59,999 . . . . .   | 3                       | 2                      | 2                      | -                     | -                     | -                 |
| 60,000 to 99,999 . . . . .  | -                       | -                      | -                      | -                     | -                     | -                 |
| 100,000 or more . . . . .   | -                       | -                      | -                      | -                     | -                     | -                 |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | All farms                 | \$1,000,000 or more                | \$500,000 to \$999,999       | \$250,000 to \$499,999       | \$100,000 to \$249,999         | \$50,000 to \$99,999           |
|------------------------------------|---------------------------|------------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|
| <b>POULTRY - Con.</b>              |                           |                                    |                              |                              |                                |                                |
| Turkeys inventory .....            | farms<br>number           | 612<br>1,204,019                   | 10<br>1,001,338              | 9<br>181,533                 | 6<br>(D)                       | 17<br>(D)                      |
| Turkeys sold .....                 | farms<br>number           | 366<br>3,306,299                   | 11<br>2,867,589              | 10<br>397,175                | 4<br>(D)                       | 11<br>12,154                   |
| <b>CROPS HARVESTED</b>             |                           |                                    |                              |                              |                                |                                |
| Corn for grain .....               | farms<br>acres<br>bushels | 13,613<br>2,007,021<br>234,709,542 | 305<br>283,598<br>36,755,524 | 614<br>350,507<br>44,629,230 | 1,334<br>473,857<br>57,748,589 | 2,123<br>435,382<br>49,287,769 |
| Irrigated .....                    | farms<br>acres            | 857<br>180,261                     | 94<br>47,015                 | 119<br>47,162                | 177<br>44,722                  | 172<br>25,842                  |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 3,908                              | 4                            | 7                            | 24                             | 91                             |
| 25 to 99 acres .....               |                           | 4,694                              | 12                           | 29                           | 140                            | 454                            |
| 100 to 249 acres .....             |                           | 2,770                              | 37                           | 116                          | 425                            | 895                            |
| 250 to 499 acres .....             |                           | 1,318                              | 64                           | 183                          | 390                            | 584                            |
| 500 acres or more .....            |                           | 923                                | 188                          | 279                          | 355                            | 99                             |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 3,362<br>233,601<br>3,447,251      | 145<br>61,437<br>1,027,258   | 258<br>44,304<br>680,592     | 544<br>49,719<br>734,654       | 737<br>42,184<br>569,842       |
| Irrigated .....                    | farms<br>acres            | 125<br>9,918                       | 29<br>4,650                  | 22<br>2,129                  | 37<br>2,201                    | 19<br>633                      |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 1,365                              | 1                            | 10                           | 42                             | 146                            |
| 25 to 99 acres .....               |                           | 1,348                              | 13                           | 61                           | 300                            | 479                            |
| 100 to 249 acres .....             |                           | 493                                | 38                           | 148                          | 186                            | 104                            |
| 250 to 499 acres .....             |                           | 94                                 | 45                           | 29                           | 12                             | 8                              |
| 500 acres or more .....            |                           | 62                                 | 48                           | 10                           | 4                              | -                              |
| Sorghum for grain .....            | farms<br>acres<br>bushels | 22<br>559<br>21,255                | 1<br>(D)<br>(D)              | -<br>-                       | 3<br>(D)                       | 6<br>57                        |
| Irrigated .....                    | farms<br>acres            | 1<br>(D)                           | -                            | -                            | 7,170                          | 3,760                          |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 15                                 | -                            | -                            | 1                              | 5                              |
| 25 to 99 acres .....               |                           | 5                                  | 1                            | -                            | 1                              | 1                              |
| 100 to 249 acres .....             |                           | 2                                  | -                            | -                            | 1                              | -                              |
| 250 to 499 acres .....             |                           | -                                  | -                            | -                            | -                              | -                              |
| 500 acres or more .....            |                           | -                                  | -                            | -                            | -                              | -                              |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 6,561<br>433,783<br>28,248,938     | 174<br>39,616<br>2,765,937   | 373<br>59,865<br>4,131,931   | 783<br>93,148<br>6,420,322     | 1,235<br>104,190<br>6,841,644  |
| Irrigated .....                    | farms<br>acres            | 81<br>5,396                        | 9<br>3,118                   | 9<br>764                     | 13<br>629                      | 17<br>444                      |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 2,291                              | 12                           | 23                           | 67                             | 175                            |
| 25 to 99 acres .....               |                           | 2,972                              | 50                           | 145                          | 344                            | 652                            |
| 100 to 249 acres .....             |                           | 1,047                              | 61                           | 132                          | 294                            | 367                            |
| 250 to 499 acres .....             |                           | 204                                | 30                           | 54                           | 71                             | 41                             |
| 500 acres or more .....            |                           | 47                                 | 21                           | 19                           | 7                              | -                              |
| Barley for grain .....             | farms<br>acres<br>bushels | 400<br>11,620<br>576,461           | 8<br>475<br>32,820           | 12<br>982<br>64,036          | 46<br>2,588<br>140,848         | 78<br>2,847<br>134,549         |
| Irrigated .....                    | farms<br>acres            | 7<br>63                            | -                            | 1<br>(D)                     | 2<br>(D)                       | -<br>-                         |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 256                                | 3                            | 7                            | 12                             | 33                             |
| 25 to 99 acres .....               |                           | 124                                | 3                            | 3                            | 28                             | 39                             |
| 100 to 249 acres .....             |                           | 17                                 | 2                            | -                            | 6                              | 6                              |
| 250 to 499 acres .....             |                           | 3                                  | -                            | 2                            | -                              | 1                              |
| 500 acres or more .....            |                           | -                                  | -                            | -                            | -                              | -                              |
| Oats for grain .....               | farms<br>acres<br>bushels | 2,756<br>63,485<br>3,994,940       | 22<br>2,490<br>188,913       | 83<br>4,146<br>276,315       | 220<br>9,927<br>702,110        | 389<br>13,093<br>881,975       |
| Irrigated .....                    | farms<br>acres            | 32<br>519                          | -                            | 4<br>66                      | 3<br>(D)                       | 6<br>(D)                       |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 1,972                              | 4                            | 29                           | 84                             | 195                            |
| 25 to 99 acres .....               |                           | 706                                | 12                           | 43                           | 109                            | 172                            |
| 100 to 249 acres .....             |                           | 75                                 | 4                            | 11                           | 27                             | 21                             |
| 250 to 499 acres .....             |                           | 2                                  | 1                            | -                            | -                              | 1                              |
| 500 acres or more .....            |                           | 1                                  | 1                            | -                            | -                              | -                              |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 91<br>2,275<br>3,381,523           | -<br>(D)<br>(D)              | 2<br>(D)<br>(D)              | 3<br>(D)<br>(D)                | 17<br>1,020<br>1,779,630       |
| Irrigated .....                    | farms<br>acres            | 3<br>(D)                           | -                            | -                            | -                              | 1<br>(D)                       |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 78                                 | -                            | 1                            | 2                              | 11                             |
| 25 to 99 acres .....               |                           | 8                                  | -                            | 1                            | -                              | 2                              |
| 100 to 249 acres .....             |                           | 4                                  | -                            | -                            | -                              | 4                              |
| 250 to 499 acres .....             |                           | 1                                  | -                            | -                            | 1                              | -                              |
| 500 acres or more .....            |                           | -                                  | -                            | -                            | -                              | -                              |
| Soybeans for beans .....           | farms<br>acres<br>bushels | 11,683<br>2,055,424<br>78,197,248  | 240<br>192,624<br>8,073,767  | 482<br>290,155<br>11,990,875 | 1,049<br>448,562<br>17,564,050 | 1,791<br>509,199<br>19,124,385 |
| Irrigated .....                    | farms<br>acres            | 558<br>84,180                      | 53<br>17,966                 | 73<br>18,909                 | 105<br>22,893                  | 121<br>15,464                  |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | \$25,000 to \$49,999      | \$10,000 to \$24,999           | \$5,000 to \$9,999            | \$2,500 to \$4,999           | \$1,000 to \$2,499       | Less than \$1,000       |
|------------------------------------|---------------------------|--------------------------------|-------------------------------|------------------------------|--------------------------|-------------------------|
| <b>POULTRY - Con.</b>              |                           |                                |                               |                              |                          |                         |
| Turkeys inventory .....            | farms<br>number           | 27<br>5,011                    | 61<br>(D)                     | 60<br>913                    | 96<br>1,588              | 101<br>632              |
| Turkeys sold .....                 | farms<br>number           | 32<br>7,005                    | 33<br>1,513                   | 47<br>1,241                  | 61<br>2,932              | 63<br>939               |
| <b>CROPS HARVESTED</b>             |                           |                                |                               |                              |                          |                         |
| Corn for grain .....               | farms<br>acres<br>bushels | 2,006<br>128,386<br>12,935,108 | 2,529<br>92,510<br>8,770,745  | 1,212<br>26,443<br>2,210,489 | 693<br>11,010<br>756,918 | 588<br>6,691<br>398,749 |
| Irrigated .....                    | farms<br>acres            | 80<br>3,699                    | 49<br>1,540                   | 26<br>354                    | 9<br>(D)                 | 11<br>123               |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |                         |
| 1 to 24 acres .....                |                           | 379                            | 981                           | 777                          | 574                      | 542                     |
| 25 to 99 acres .....               |                           | 1,247                          | 1,451                         | 434                          | 118                      | 46                      |
| 100 to 249 acres .....             |                           | 369                            | 97                            | 1                            | 1                        | -                       |
| 250 to 499 acres .....             |                           | 11                             | -                             | -                            | -                        | 1                       |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -                       |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 357<br>8,461<br>100,184        | 383<br>6,557<br>76,084        | 198<br>2,851<br>29,871       | 79<br>1,021<br>10,580    | 79<br>825<br>7,574      |
| Irrigated .....                    | farms<br>acres            | 4<br>134                       | 1<br>(D)                      | 3<br>15                      | 1<br>(D)                 | 1<br>(D)                |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |                         |
| 1 to 24 acres .....                |                           | 229                            | 298                           | 173                          | 71                       | 74                      |
| 25 to 99 acres .....               |                           | 124                            | 84                            | 25                           | 7                        | 5                       |
| 100 to 249 acres .....             |                           | 4                              | 1                             | -                            | 1                        | -                       |
| 250 to 499 acres .....             |                           | -                              | -                             | -                            | -                        | -                       |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -                       |
| Sorghum for grain .....            | farms<br>acres<br>bushels | -<br>-<br>-                    | 4<br>61<br>1,900              | 3<br>(D)<br>(D)              | 2<br>(D)<br>(D)          | -<br>(D)                |
| Irrigated .....                    | farms<br>acres            | -<br>-                         | -<br>(D)                      | -<br>-                       | -<br>-                   | -<br>-                  |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |                         |
| 1 to 24 acres .....                |                           | -                              | 3                             | 2                            | 2                        | -                       |
| 25 to 99 acres .....               |                           | -                              | 1                             | -                            | -                        | -                       |
| 100 to 249 acres .....             |                           | -                              | -                             | 1                            | -                        | -                       |
| 250 to 499 acres .....             |                           | -                              | -                             | -                            | -                        | -                       |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -                       |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 980<br>38,141<br>2,250,215     | 1,096<br>29,729<br>1,667,184  | 432<br>8,502<br>424,400      | 251<br>3,526<br>172,852  | 195<br>2,210<br>98,667  |
| Irrigated .....                    | farms<br>acres            | 11<br>105                      | 11<br>215                     | 2<br>(D)                     | 2<br>(D)                 | 3<br>16                 |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |                         |
| 1 to 24 acres .....                |                           | 361                            | 658                           | 316                          | 219                      | 183                     |
| 25 to 99 acres .....               |                           | 573                            | 419                           | 115                          | 32                       | 12                      |
| 100 to 249 acres .....             |                           | 42                             | 19                            | 1                            | -                        | -                       |
| 250 to 499 acres .....             |                           | 4                              | -                             | -                            | -                        | -                       |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -                       |
| Barley for grain .....             | farms<br>acres<br>bushels | 57<br>841<br>40,345            | 64<br>1,095<br>42,376         | 28<br>328<br>14,106          | 14<br>180<br>6,074       | 17<br>295<br>10,426     |
| Irrigated .....                    | farms<br>acres            | -<br>-                         | -<br>(D)                      | -<br>-                       | 1<br>(D)                 | -<br>-                  |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |                         |
| 1 to 24 acres .....                |                           | 49                             | 51                            | 25                           | 13                       | 11                      |
| 25 to 99 acres .....               |                           | 7                              | 13                            | 3                            | 1                        | 6                       |
| 100 to 249 acres .....             |                           | 1                              | -                             | -                            | -                        | -                       |
| 250 to 499 acres .....             |                           | -                              | -                             | -                            | -                        | -                       |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -                       |
| Oats for grain .....               | farms<br>acres<br>bushels | 409<br>7,650<br>472,867        | 566<br>8,668<br>488,442       | 295<br>4,176<br>193,371      | 171<br>1,878<br>96,491   | 120<br>967<br>36,879    |
| Irrigated .....                    | farms<br>acres            | 4<br>(D)                       | 6<br>50                       | 5<br>66                      | 2<br>(D)                 | 1<br>(D)                |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |                         |
| 1 to 24 acres .....                |                           | 318                            | 473                           | 251                          | 159                      | 116                     |
| 25 to 99 acres .....               |                           | 88                             | 92                            | 44                           | 12                       | 4                       |
| 100 to 249 acres .....             |                           | 3                              | 1                             | -                            | -                        | -                       |
| 250 to 499 acres .....             |                           | -                              | -                             | -                            | -                        | -                       |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -                       |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 7<br>154<br>152,105            | 21<br>348<br>323,697          | 9<br>69<br>77,391            | 13<br>48<br>34,200       | 6<br>(D)<br>34,050      |
| Irrigated .....                    | farms<br>acres            | -<br>(D)                       | 1<br>-                        | -<br>-                       | -<br>-                   | -<br>-                  |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |                         |
| 1 to 24 acres .....                |                           | 5                              | 18                            | 9                            | 13                       | 6                       |
| 25 to 99 acres .....               |                           | 2                              | 3                             | -                            | -                        | -                       |
| 100 to 249 acres .....             |                           | -                              | -                             | -                            | -                        | -                       |
| 250 to 499 acres .....             |                           | -                              | -                             | -                            | -                        | -                       |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -                       |
| Soybeans for beans .....           | farms<br>acres<br>bushels | 1,860<br>180,536<br>6,373,344  | 2,253<br>124,317<br>4,192,038 | 1,065<br>36,021<br>1,131,282 | 694<br>15,873<br>425,598 | 493<br>7,305<br>170,267 |
| Irrigated .....                    | farms<br>acres            | 51<br>2,002                    | 52<br>2,096                   | 16<br>259                    | 13<br>194                | 5<br>(D)                |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms                   | \$1,000,000 or more              | \$500,000 to \$999,999     | \$250,000 to \$499,999     | \$100,000 to \$249,999     | \$50,000 to \$99,999        |
|--|-----------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| <b>CROPS HARVESTED - Con.</b>  |                             |                                  |                            |                            |                            |                             |
| Soybeans for beans - Con.  |                             |                                  |                            |                            |                            |                             |
| Farms by acres harvested:  |                             |                                  |                            |                            |                            |                             |
| 1 to 24 acres .....  | 2,079                       | 4                                | 3                          | 18                         | 62                         | 77                          |
| 25 to 99 acres .....   | 4,526                       | 21                               | 52                         | 149                        | 287                        | 464                         |
| 100 to 249 acres .....   | 2,706                       | 39                               | 104                        | 248                        | 537                        | 832                         |
| 250 to 499 acres .....   | 1,357                       | 59                               | 93                         | 253                        | 640                        | 238                         |
| 500 acres or more .....  | 1,015                       | 117                              | 230                        | 381                        | 265                        | 19                          |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 1,587<br>259,026<br>4,862,193    | 44<br>33,103<br>665,795    | 135<br>56,173<br>1,121,016 | 302<br>73,243<br>1,393,575 | 348<br>53,869<br>967,080    |
| Irrigated .....  | farms<br>acres              | 82<br>13,183                     | 6<br>2,048                 | 21<br>4,272                | 14<br>3,437                | 13<br>2,033                 |
| Farms by acres harvested:  |                             |                                  |                            |                            |                            |                             |
| 1 to 24 acres .....  | 239                         | -                                | -                          | 7                          | 15                         | 26                          |
| 25 to 99 acres .....   | 594                         | 3                                | 8                          | 46                         | 111                        | 153                         |
| 100 to 249 acres .....   | 419                         | 6                                | 38                         | 109                        | 162                        | 75                          |
| 250 to 499 acres .....   | 236                         | 5                                | 42                         | 121                        | 57                         | 10                          |
| 500 acres or more .....  | 99                          | 30                               | 47                         | 19                         | 3                          | -                           |
| Potatoes .....   | farms<br>acres<br>cwt       | 395<br>45,840<br>14,212,892      | 34<br>31,362<br>10,413,704 | 40<br>7,911<br>2,328,096   | 29<br>3,136<br>745,281     | 51<br>2,427<br>532,394      |
| Irrigated .....  | farms<br>acres              | 191<br>38,016                    | 29<br>28,248               | 35<br>6,783                | 20<br>1,696                | 20<br>916                   |
| Farms by acres harvested:  |                             |                                  |                            |                            |                            |                             |
| 0.1 to 4.9 acres .....   | 215                         | 1                                | 1                          | 3                          | 14                         | 35                          |
| 5.0 to 24.9 acres .....  | 44                          | 1                                | 3                          | 3                          | 7                          | 10                          |
| 25.0 to 99.9 acres .....   | 47                          | -                                | 1                          | 11                         | 20                         | 14                          |
| 100.0 to 249.9 acres .....   | 45                          | 2                                | 25                         | 8                          | 10                         | -                           |
| 250.0 acres or more .....  | 44                          | 30                               | 10                         | 4                          | -                          | -                           |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 989<br>180,054<br>3,324,568      | 56<br>38,771<br>744,276    | 151<br>55,410<br>1,043,468 | 258<br>50,940<br>931,240   | 261<br>25,225<br>443,380    |
| Irrigated .....  | farms<br>acres              | 46<br>(D)                        | 6<br>1,015                 | 15<br>1,681                | 11<br>(D)                  | 9<br>(D)                    |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 22,067<br>1,212,603<br>3,557,828 | 187<br>64,537<br>276,660   | 369<br>93,578<br>366,182   | 834<br>143,087<br>564,152  | 1,456<br>180,353<br>633,924 |
| Irrigated .....  | farms<br>acres              | 454<br>17,414                    | 29<br>4,830                | 28<br>3,005                | 38<br>2,434                | 47<br>1,839                 |
| Farms by acres harvested:  |                             |                                  |                            |                            |                            |                             |
| 1 to 24 acres .....  | 10,974                      | 17                               | 39                         | 103                        | 251                        | 376                         |
| 25 to 99 acres .....   | 7,871                       | 27                               | 55                         | 203                        | 548                        | 619                         |
| 100 to 249 acres .....   | 2,381                       | 37                               | 124                        | 359                        | 470                        | 328                         |
| 250 to 499 acres .....   | 632                         | 61                               | 98                         | 131                        | 143                        | 96                          |
| 500 acres or more .....  | 209                         | 45                               | 53                         | 38                         | 44                         | 19                          |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 18,122<br>806,713<br>2,355,909   | 114<br>20,767<br>86,101    | 299<br>42,488<br>157,204   | 725<br>81,544<br>298,609   | 1,319<br>125,714<br>451,693 |
| Irrigated .....  | farms<br>acres              | 305<br>7,580                     | 9<br>392                   | 19<br>976                  | 26<br>1,164                | 42<br>1,557                 |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 3,762<br>149,403<br>267,751      | 18<br>1,150<br>3,010       | 49<br>3,465<br>9,873       | 65<br>5,356<br>13,123      | 141<br>9,925<br>24,247      |
| Irrigated .....  | farms<br>acres              | 65<br>1,149                      | 1<br>(D)                   | 4<br>(D)                   | -<br>(D)                   | 6<br>37                     |
| Land used for vegetables (see text) .....  | farms<br>acres              | 2,519<br>135,428                 | 88<br>49,895               | 125<br>29,364              | 201<br>23,479              | 285<br>14,727               |
| Irrigated .....  | farms<br>acres              | 817<br>60,186                    | 65<br>32,930               | 70<br>10,241               | 97<br>9,318                | 302<br>8,403                |
| Farms by acres harvested:  |                             |                                  |                            |                            |                            |                             |
| 0.1 to 4.9 acres .....   | 1,039                       | 1                                | 2                          | 14                         | 38                         | 37                          |
| 5.0 to 24.9 acres .....  | 732                         | 3                                | 5                          | 20                         | 79                         | 141                         |
| 25.0 to 99.9 acres .....   | 415                         | 6                                | 19                         | 67                         | 116                        | 120                         |
| 100.0 to 249.9 acres .....   | 194                         | 12                               | 48                         | 78                         | 52                         | 4                           |
| 250.0 acres or more .....  | 139                         | 66                               | 51                         | 22                         | -                          | -                           |
| Snap beans harvested for sale .....  | farms<br>acres              | 502<br>20,726                    | 25<br>7,415                | 25<br>4,564                | 38<br>4,760                | 60<br>2,881                 |
| Harvested for processing .....   | farms<br>acres              | 107<br>17,212                    | 19<br>6,681                | 13<br>3,189                | 25<br>4,195                | 25<br>2,520                 |
| Peas, green, harvested for sale .....  | farms<br>acres              | 160<br>1,149                     | 4<br>763                   | 3<br>(D)                   | 9<br>44                    | 16<br>54                    |
| Harvested for processing .....   | farms<br>acres              | 7<br>1,001                       | 3<br>753                   | 2<br>(D)                   | 1<br>(D)                   | 1<br>-                      |
| Sweet corn harvested for sale .....  | farms<br>acres              | 982<br>10,885                    | 19<br>1,940                | 17<br>1,104                | 57<br>2,075                | 127<br>2,382                |
| Harvested for processing .....   | farms<br>acres              | 92<br>527                        | 2<br>(D)                   | -<br>12                    | 3<br>79                    | 7<br>178                    |
| Tomatoes harvested for sale .....  | farms<br>acres              | 831<br>6,041                     | 23<br>3,378                | 19<br>892                  | 48<br>466                  | 93<br>653                   |
| Harvested for processing .....   | farms<br>acres              | 72<br>3,861                      | 12<br>3,017                | 3<br>590                   | 5<br>11                    | 7<br>182                    |

See footnote(s) at end of table.

-continued

**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999        | \$10,000 to \$24,999        | \$5,000 to \$9,999          | \$2,500 to \$4,999          | \$1,000 to \$2,499         | Less than \$1,000         |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| <b>CROPS HARVESTED - Con.</b>  |                             |                             |                             |                             |                            |                           |
| Soybeans for beans - Con.  |                             |                             |                             |                             |                            |                           |
| Farms by acres harvested:  |                             |                             |                             |                             |                            |                           |
| 1 to 24 acres .....  | 139                         | 398                         | 376                         | 466                         | 417                        | 119                       |
| 25 to 99 acres .....   | 971                         | 1,603                       | 675                         | 222                         | 76                         | 6                         |
| 100 to 249 acres .....   | 678                         | 247                         | 14                          | 6                           | -                          | 1                         |
| 250 to 499 acres .....   | 69                          | 5                           | -                           | -                           | -                          | -                         |
| 500 acres or more .....  | 3                           | -                           | -                           | -                           | -                          | -                         |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 185<br>10,043<br>172,451    | 189<br>7,062<br>108,885     | 66<br>1,598<br>22,688       | 25<br>484<br>6,196         | 23<br>238<br>1,696        |
| Irrigated .....  | farms<br>acres              | 5<br>115                    | 5<br>134                    | 5<br>192                    | -                          | -                         |
| Farms by acres harvested:  |                             |                             |                             |                             |                            |                           |
| 1 to 24 acres .....  | 41                          | 63                          | 41                          | 19                          | 21                         | 6                         |
| 25 to 99 acres .....   | 121                         | 120                         | 24                          | 6                           | 2                          | -                         |
| 100 to 249 acres .....   | 22                          | 6                           | 1                           | -                           | -                          | -                         |
| 250 to 499 acres .....   | 1                           | -                           | -                           | -                           | -                          | -                         |
| 500 acres or more .....  | -                           | -                           | -                           | -                           | -                          | -                         |
| Potatoes .....   | farms<br>acres<br>cwt       | 34<br>140<br>31,284         | 60<br>118<br>22,177         | 35<br>49<br>7,218           | 16<br>12<br>2,105          | 22<br>32<br>1,499         |
| Irrigated .....  | farms<br>acres              | 12<br>33                    | 25<br>64                    | 13<br>9                     | 4<br>1                     | 5<br>17                   |
| Farms by acres harvested:  |                             |                             |                             |                             |                            |                           |
| 0.1 to 4.9 acres .....   | 23                          | 55                          | 34                          | 16                          | 18                         | 15                        |
| 5.0 to 24.9 acres .....  | 10                          | 5                           | 1                           | -                           | 4                          | -                         |
| 25.0 to 99.9 acres .....   | 1                           | -                           | -                           | -                           | -                          | -                         |
| 100.0 to 249.9 acres .....   | -                           | -                           | -                           | -                           | -                          | -                         |
| 250.0 acres or more .....  | -                           | -                           | -                           | -                           | -                          | -                         |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 71<br>2,321<br>37,402       | 50<br>918<br>15,486         | 15<br>(D)<br>(D)            | 1<br>(D)<br>(D)            | -<br>(D)<br>(D)           |
| Irrigated .....  | farms<br>acres              | -<br>-                      | 1<br>(D)                    | -                           | -                          | -                         |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 1,800<br>132,036<br>382,070 | 3,039<br>156,483<br>392,359 | 2,597<br>103,698<br>215,470 | 2,418<br>67,312<br>122,227 | 2,899<br>60,799<br>93,881 |
| Irrigated .....  | farms<br>acres              | 38<br>1,049                 | 39<br>745                   | 50<br>691                   | 33<br>339                  | 40<br>357                 |
| Farms by acres harvested:  |                             |                             |                             |                             |                            |                           |
| 1 to 24 acres .....  | 527                         | 1,050                       | 1,063                       | 1,325                       | 2,025                      | 4,198                     |
| 25 to 99 acres .....   | 804                         | 1,554                       | 1,359                       | 1,054                       | 855                        | 793                       |
| 100 to 249 acres .....   | 397                         | 410                         | 164                         | 37                          | 19                         | 36                        |
| 250 to 499 acres .....   | 63                          | 24                          | 11                          | 2                           | -                          | 3                         |
| 500 acres or more .....  | 9                           | 1                           | -                           | -                           | -                          | -                         |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 1,618<br>102,932<br>315,839 | 2,722<br>122,475<br>322,291 | 2,242<br>77,263<br>170,084  | 1,993<br>47,639<br>94,593  | 2,302<br>42,937<br>72,426 |
| Irrigated .....  | farms<br>acres              | 29<br>491                   | 28<br>417                   | 36<br>435                   | 24<br>218                  | 33<br>267                 |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 263<br>21,279<br>41,109     | 469<br>24,656<br>46,558     | 466<br>18,602<br>30,987     | 456<br>13,772<br>18,428    | 550<br>11,754<br>13,850   |
| Irrigated .....  | farms<br>acres              | 6<br>267                    | 5<br>125                    | 12<br>217                   | 3<br>(D)                   | 7<br>80                   |
| Land used for vegetables (see text) .....  | farms<br>acres              | 308<br>4,145                | 499<br>3,606                | 290<br>1,158                | 188<br>396                 | 147<br>185                |
| Irrigated .....  | farms<br>acres              | 91<br>601                   | 128<br>518                  | 68<br>173                   | 51<br>69                   | 29<br>36                  |
| Farms by acres harvested:  |                             |                             |                             |                             |                            |                           |
| 0.1 to 4.9 acres .....   | 98                          | 233                         | 217                         | 169                         | 145                        | 85                        |
| 5.0 to 24.9 acres .....  | 156                         | 236                         | 71                          | 18                          | 2                          | 1                         |
| 25.0 to 99.9 acres .....   | 54                          | 30                          | 2                           | 1                           | -                          | -                         |
| 100.0 to 249.9 acres .....   | -                           | -                           | -                           | -                           | -                          | -                         |
| 250.0 acres or more .....  | -                           | -                           | -                           | -                           | -                          | -                         |
| Snap beans harvested for sale .....  | farms<br>acres              | 57<br>239                   | 107<br>73                   | 49<br>16                    | 30<br>8                    | 31<br>17                  |
| Harvested for processing .....   | farms<br>acres              | 4<br>164                    | 2<br>(D)                    | -                           | -                          | 2<br>(D)                  |
| Peas, green, harvested for sale .....  | farms<br>acres              | 19<br>(D)                   | 41<br>21                    | 24<br>4                     | 12<br>2                    | 10<br>4                   |
| Harvested for processing .....   | farms<br>acres              | -<br>-                      | -<br>-                      | -<br>-                      | -<br>-                     | -<br>-                    |
| Sweet corn harvested for sale .....  | farms<br>acres              | 142<br>734                  | 213<br>688                  | 121<br>253                  | 75<br>78                   | 56<br>31                  |
| Harvested for processing .....   | farms<br>acres              | 8<br>60                     | 20<br>120                   | 12<br>42                    | 7<br>(D)                   | 9<br>9                    |
| Tomatoes harvested for sale .....  | farms<br>acres              | 114<br>145                  | 226<br>185                  | 94<br>59                    | 56<br>23                   | 43<br>7                   |
| Harvested for processing .....   | farms<br>acres              | 7<br>6                      | 17<br>28                    | 7<br>5                      | 3<br>2                     | 15<br>4                   |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | All farms                             | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|---|---------------------------------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>CROPS HARVESTED - Con.</b>                 |                                       |                     |                        |                        |                        |                      |
| Field and grass seed crops, All               | farms<br>acres                        | 112<br>3,311        | 3<br>427               | 1<br>(D)               | 3<br>195               | 8<br>502             |
| Irrigated                                     | farms<br>acres                        | 1<br>(D)            | -                      | -                      | -                      | -                    |
| All land in orchards                          | farms<br>acres                        | 2,601<br>118,166    | 37<br>16,529           | 53<br>15,983           | 112<br>20,724          | 227<br>22,331        |
| Irrigated                                     | farms<br>acres                        | 478<br>13,264       | 17<br>2,873            | 23<br>2,197            | 29<br>1,866            | 55<br>2,446          |
| Farms by bearing and nonbearing acres:        |                                       |                     |                        |                        |                        |                      |
| 0.1 to 4.9 acres                              |                                       | 943                 | -                      | 2                      | 4                      | 20                   |
| 5.0 to 24.9 acres                             |                                       | 805                 | 2                      | 1                      | 8                      | 34                   |
| 25.0 to 99.9 acres                            |                                       | 539                 | 8                      | 10                     | 23                     | 80                   |
| 100.0 to 249.9 acres                          |                                       | 216                 | 9                      | 14                     | 47                     | 77                   |
| 250.0 acres or more                           |                                       | 98                  | 18                     | 26                     | 30                     | 16                   |
| Apples  | farms<br>Bearing and nonbearing acres | 1,750<br>50,539     | 29<br>9,963            | 42<br>7,482            | 91<br>9,924            | 180<br>10,310        |
| Grapes  | farms<br>Bearing and nonbearing acres | 678<br>13,420       | 6<br>728               | 12<br>2,079            | 18<br>2,227            | 47<br>2,512          |
| Peaches, All                                  | farms<br>Bearing and nonbearing acres | 732<br>6,326        | 13<br>739              | 21<br>514              | 57<br>1,319            | 78<br>1,426          |
| Pecans  | farms<br>Bearing and nonbearing acres | 1<br>(D)            | -                      | -                      | -                      | -                    |
| Walnuts, English                              | farms<br>Bearing and nonbearing acres | 19<br>114           | -                      | -                      | -                      | (D)                  |
| Land in berries harvested for sale (see text) | farms<br>acres                        | 1,051<br>19,289     | 22<br>4,910            | 23<br>1,867            | 61<br>2,658            | 102<br>3,937         |
| Irrigated                                     | farms<br>acres                        | 513<br>11,902       | 17<br>3,570            | 17<br>1,596            | 48<br>1,755            | 66<br>2,434          |

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to \$49,999 | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|---|----------------------|----------------------|--------------------|--------------------|--------------------|-------------------|
| <b>CROPS HARVESTED - Con.</b>                                 |                      |                      |                    |                    |                    |                   |
| Field and grass seed crops, All . . . . . farms               | 17                   | 15                   | 15                 | 12                 | 10                 | 12                |
| acres   | 432                  | 487                  | 308                | (D)                | 140                | 246               |
| Irrigated . . . . . farms                                     | -                    | -                    | 1                  | -                  | -                  | -                 |
| acres   | -                    | -                    | (D)                | -                  | -                  | -                 |
| All land in orchards . . . . . farms                          | 291                  | 437                  | 294                | 218                | 251                | 457               |
| acres   | 11,024               | 9,425                | 4,064              | 1,625              | 1,456              | 2,751             |
| Irrigated . . . . . farms                                     | 50                   | 75                   | 35                 | 31                 | 33                 | 75                |
| acres   | 1,052                | 906                  | 333                | 98                 | 79                 | 232               |
| Farms by bearing and nonbearing acres:                        |                      |                      |                    |                    |                    |                   |
| 0.1 to 4.9 acres . . . . .                                    | 45                   | 103                  | 103                | 140                | 181                | 310               |
| 5.0 to 24.9 acres . . . . .                                   | 82                   | 233                  | 142                | 70                 | 66                 | 130               |
| 25.0 to 99.9 acres . . . . .                                  | 143                  | 87                   | 44                 | 7                  | 3                  | 13                |
| 100.0 to 249.9 acres . . . . .                                | 19                   | 13                   | 5                  | -                  | -                  | 4                 |
| 250.0 acres or more . . . . .                                 | 2                    | 1                    | -                  | 1                  | 1                  | -                 |
| Apples . . . . . farms  | 199                  | 271                  | 179                | 131                | 159                | 313               |
| Bearing and nonbearing acres                                  | 3,505                | 2,416                | 872                | 342                | 379                | 1,045             |
| Grapes . . . . . farms  | 74                   | 122                  | 87                 | 68                 | 57                 | 118               |
| Bearing and nonbearing acres                                  | 1,633                | 1,308                | 474                | 258                | 174                | 212               |
| Peaches, All . . . . . farms                                  | 86                   | 115                  | 72                 | 50                 | 61                 | 93                |
| Bearing and nonbearing acres                                  | 584                  | 401                  | 132                | 66                 | 80                 | 119               |
| Pecans . . . . . farms  | -                    | -                    | 1                  | -                  | -                  | -                 |
| Bearing and nonbearing acres                                  | -                    | -                    | (D)                | -                  | -                  | -                 |
| Walnuts, English . . . . . farms                              | -                    | 4                    | -                  | 4                  | 2                  | 8                 |
| Bearing and nonbearing acres                                  | -                    | 29                   | -                  | (D)                | (D)                | 40                |
| Land in berries harvested for sale (see text) . . . . . farms | 163                  | 223                  | 122                | 99                 | 73                 | 37                |
| acres   | 1,821                | 1,137                | 381                | 226                | 114                | 30                |
| Irrigated . . . . . farms                                     | 87                   | 97                   | 48                 | 28                 | 16                 | 13                |
| acres   | 792                  | 484                  | 123                | 43                 | 12                 | 12                |

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | All farms | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|---|-----------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>F FARMS AND LAND IN FARMS</b>  |           |                     |                        |                        |                        |                      |
| Farms .....   | number    | 53,315              | 600                    | 946                    | 1,874                  | 3,271                |
|   | percent   | 100.0               | 1.1                    | 1.8                    | 3.5                    | 6.1                  |
| Land in farms .....   | acres     | 10,142,958          | 1,028,119              | 1,191,201              | 1,611,736              | 1,669,098            |
| Average size of farm .....  | acres     | 190                 | 1,714                  | 1,259                  | 860                    | 510                  |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |           |                     |                        |                        |                        |                      |
| Total (see text) .....  | farms     | 53,315              | 600                    | 946                    | 1,874                  | 3,271                |
|   | \$1,000   | 3,917,205           | 1,540,258              | 648,528                | 652,209                | 520,795              |
| Average per farm .....  | dollars   | 73,473              | 2,567,097              | 685,547                | 348,030                | 159,216              |
| Farms by economic class:  |           |                     |                        |                        |                        |                      |
| Less than \$1,000 (see text) .....  |           | 13,657              | -                      | -                      | -                      | -                    |
| \$1,000 to \$2,499 .....  |           | 7,864               | -                      | -                      | -                      | -                    |
| \$2,500 to \$4,999 .....  |           | 5,594               | -                      | -                      | -                      | -                    |
| \$5,000 to \$9,999 .....  |           | 5,590               | -                      | -                      | -                      | -                    |
| \$10,000 to \$24,999 .....  |           | 6,602               | -                      | -                      | -                      | -                    |
| \$25,000 to \$49,999 .....  |           | 4,082               | -                      | -                      | -                      | -                    |
| \$50,000 to \$99,999 .....  |           | 3,235               | -                      | -                      | -                      | 3,235                |
| \$100,000 to \$249,999 .....  |           | 3,271               | -                      | -                      | -                      | -                    |
| \$250,000 to \$499,999 .....  |           | 1,874               | -                      | -                      | -                      | -                    |
| \$500,000 to \$999,999 .....  |           | 946                 | 946                    | -                      | -                      | -                    |
| \$1,000,000 or more .....   |           | 600                 | 600                    | -                      | -                      | -                    |
| \$1,000,000 to \$2,499,999 .....  |           | 448                 | 448                    | -                      | -                      | -                    |
| \$2,500,000 to \$4,999,999 .....  |           | 96                  | 96                     | -                      | -                      | -                    |
| \$5,000,000 or more .....   |           | 56                  | 56                     | -                      | -                      | -                    |
| Total sales (see text) .....  | farms     | 53,315              | 600                    | 946                    | 1,874                  | 3,271                |
|   | \$1,000   | 3,772,435           | 1,517,398              | 620,414                | 620,177                | 494,307              |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | farms     | 16,819              | 342                    | 666                    | 1,353                  | 2,247                |
|   | \$1,000   | 990,921             | 139,481                | 184,077                | 245,943                | 213,354              |
| Sales of \$50,000 or more .....   | farms     | 4,487               | 278                    | 517                    | 1,044                  | 1,570                |
|   | \$1,000   | 830,230             | 138,021                | 180,795                | 239,075                | 200,706              |
| Tobacco .....   | farms     | -                   | -                      | -                      | -                      | -                    |
|   | \$1,000   | -                   | -                      | -                      | -                      | -                    |
| Sales of \$50,000 or more .....   | farms     | -                   | -                      | -                      | -                      | -                    |
|   | \$1,000   | -                   | -                      | -                      | -                      | -                    |
| Cotton and cottonseed .....   | farms     | -                   | -                      | -                      | -                      | -                    |
|   | \$1,000   | -                   | -                      | -                      | -                      | -                    |
| Sales of \$50,000 or more .....   | farms     | -                   | -                      | -                      | -                      | -                    |
|   | \$1,000   | -                   | -                      | -                      | -                      | -                    |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | farms     | 2,676               | 115                    | 156                    | 217                    | 323                  |
|   | \$1,000   | 322,510             | 170,447                | 64,806                 | 37,745                 | 23,585               |
| Sales of \$50,000 or more .....   | farms     | 743                 | 112                    | 148                    | 170                    | 184                  |
|   | \$1,000   | 301,520             | 170,418                | 64,626                 | 36,866                 | 21,194               |
| Fruits, tree nuts, and berries .....  | farms     | 2,797               | 56                     | 78                     | 139                    | 284                  |
|   | \$1,000   | 181,469             | 57,116                 | 33,097                 | 28,251                 | 28,633               |
| Sales of \$50,000 or more .....   | farms     | 610                 | 48                     | 65                     | 111                    | 209                  |
|   | \$1,000   | 157,280             | 56,943                 | 32,888                 | 27,791                 | 27,712               |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | farms     | 2,185               | 142                    | 108                    | 171                    | 307                  |
|   | \$1,000   | 628,699             | 438,690                | 66,902                 | 49,722                 | 39,636               |
| Sales of \$50,000 or more .....   | farms     | 923                 | 139                    | 103                    | 156                    | 268                  |
|   | \$1,000   | 610,982             | 438,610                | 66,801                 | 49,388                 | 38,995               |
| Cut Christmas trees and short-rotation woody crops .....                    | farms     | 1,076               | 17                     | 12                     | 28                     | 72                   |
|   | \$1,000   | 30,411              | 11,064                 | 2,462                  | 3,680                  | 4,839                |
| Sales of \$50,000 or more .....   | farms     | 100                 | 10                     | 5                      | 18                     | 31                   |
|   | \$1,000   | 23,657              | 11,013                 | 2,407                  | 3,485                  | 4,414                |
| Other crops and hay (see text) .....  | farms     | 12,504              | 117                    | 291                    | 529                    | 877                  |
|   | \$1,000   | 208,618             | 31,745                 | 42,396                 | 38,163                 | 30,362               |
| Sales of \$50,000 or more .....   | farms     | 877                 | 75                     | 183                    | 277                    | 242                  |
|   | \$1,000   | 134,739             | 31,146                 | 41,140                 | 34,820                 | 21,141               |
| Cattle and calves .....   | farms     | 11,293              | 210                    | 390                    | 781                    | 1,256                |
|   | \$1,000   | 298,517             | 101,153                | 44,888                 | 43,491                 | 39,947               |
| Sales of \$50,000 or more .....   | farms     | 997                 | 180                    | 205                    | 221                    | 254                  |
|   | \$1,000   | 205,745             | 100,249                | 39,808                 | 31,809                 | 24,904               |
| Milk and other dairy products from cows .....                               | farms     | 2,738               | 153                    | 271                    | 557                    | 766                  |
|   | \$1,000   | 697,920             | 298,313                | 131,703                | 142,857                | 90,468               |
| Sales of \$50,000 or more .....   | farms     | 1,966               | 153                    | 266                    | 550                    | 722                  |
|   | \$1,000   | 679,809             | 298,313                | 131,532                | 142,621                | 89,206               |
| Hogs and pigs .....   | farms     | 2,336               | 84                     | 84                     | 123                    | 188                  |
|   | \$1,000   | 200,027             | 121,105                | 33,046                 | 24,452                 | 13,141               |
| Sales of \$50,000 or more .....   | farms     | 370                 | 79                     | 72                     | 96                     | 95                   |
|   | \$1,000   | 192,340             | 121,054                | 32,976                 | 24,125                 | 12,046               |
| Sheep, goats, and their products .....                                      | farms     | 2,307               | 2                      | 14                     | 30                     | 85                   |
|   | \$1,000   | 6,613               | (D)                    | (D)                    | (D)                    | 1,335                |
| Sales of \$50,000 or more .....   | farms     | 19                  | -                      | 2                      | 7                      | 6                    |
|   | \$1,000   | 2,423               | -                      | (D)                    | 650                    | 829                  |
| Horses, ponies, mules, burros, and donkeys .....                            | farms     | 3,286               | 6                      | 7                      | 15                     | 63                   |
|   | \$1,000   | 23,743              | (D)                    | (D)                    | 1,463                  | 3,095                |
| Sales of \$50,000 or more .....   | farms     | 54                  | 1                      | 2                      | 6                      | 22                   |
|   | \$1,000   | 8,731               | (D)                    | (D)                    | 1,423                  | 2,929                |
| Poultry and eggs .....  | farms     | 2,206               | 32                     | 22                     | 28                     | 45                   |
|   | \$1,000   | 146,700             | 129,312                | 11,011                 | 2,301                  | 1,065                |
| Sales of \$50,000 or more .....   | farms     | 80                  | 32                     | 19                     | 7                      | 9                    |
|   | \$1,000   | 144,455             | 129,312                | 11,010                 | 2,261                  | 981                  |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to \$49,999 | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|---|----------------------|----------------------|--------------------|--------------------|--------------------|-------------------|
| <b>F FARMS AND LAND IN FARMS</b>  |                      |                      |                    |                    |                    |                   |
| Farms .....   | number               | 4,082                | 6,602              | 5,590              | 5,594              | 7,864             |
|   | percent              | 7.7                  | 12.4               | 10.5               | 10.5               | 14.8              |
| Land in farms .....   | acres                | 777,867              | 822,585            | 512,330            | 410,683            | 457,190           |
| Average size of farm .....  | acres                | 191                  | 125                | 92                 | 73                 | 58                |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |                      |                      |                    |                    |                    |                   |
| Total (see text) .....  | farms                | 4,082                | 6,602              | 5,590              | 5,594              | 7,864             |
|   | \$1,000              | 144,712              | 105,829            | 39,914             | 20,087             | 12,984            |
| Average per farm .....  | dollars              | 35,451               | 16,030             | 7,140              | 3,591              | 1,651             |
| Farms by economic class:  |                      |                      |                    |                    |                    |                   |
| Less than \$1,000 (see text) .....  |                      | -                    | -                  | -                  | -                  | -                 |
| \$1,000 to \$2,499 .....  |                      | -                    | -                  | -                  | -                  | 7,864             |
| \$2,500 to \$4,999 .....  |                      | -                    | -                  | -                  | 5,594              | -                 |
| \$5,000 to \$9,999 .....  |                      | -                    | -                  | 5,590              | -                  | -                 |
| \$10,000 to \$24,999 .....  |                      | -                    | 6,602              | -                  | -                  | -                 |
| \$25,000 to \$49,999 .....  |                      | 4,082                | -                  | -                  | -                  | -                 |
| \$50,000 to \$99,999 .....  |                      | -                    | -                  | -                  | -                  | -                 |
| \$100,000 to \$249,999 .....  |                      | -                    | -                  | -                  | -                  | -                 |
| \$250,000 to \$499,999 .....  |                      | -                    | -                  | -                  | -                  | -                 |
| \$500,000 to \$999,999 .....  |                      | -                    | -                  | -                  | -                  | -                 |
| \$1,000,000 or more .....   |                      | -                    | -                  | -                  | -                  | -                 |
| \$1,000,000 to \$2,499,999 .....  |                      | -                    | -                  | -                  | -                  | -                 |
| \$2,500,000 to \$4,999,999 .....  |                      | -                    | -                  | -                  | -                  | -                 |
| \$5,000,000 or more .....   |                      | -                    | -                  | -                  | -                  | -                 |
| Total sales (see text) .....  | farms                | 4,082                | 6,602              | 5,590              | 5,594              | 7,864             |
|   | \$1,000              | 138,325              | 100,098            | 35,507             | 16,277             | 9,404             |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | farms                | 2,414                | 3,334              | 1,899              | 1,206              | 1,068             |
|   | \$1,000              | 58,831               | 38,942             | 10,007             | 3,484              | 1,539             |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Tobacco .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Cotton and cottonseed .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | farms                | 322                  | 509                | 304                | 187                | 157               |
|   | \$1,000              | 6,211                | 5,373              | 1,511              | 523                | 185               |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Fruits, tree nuts, and berries .....  | farms                | 402                  | 552                | 349                | 268                | 271               |
|   | \$1,000              | 10,292               | 6,565              | 2,050              | 800                | 393               |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | farms                | 328                  | 338                | 199                | 128                | 105               |
|   | \$1,000              | 9,255                | 4,245              | 1,107              | 341                | (D)               |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Cut Christmas trees and short-rotation woody crops .....                    | farms                | 115                  | 169                | 126                | 110                | 217               |
|   | \$1,000              | 2,374                | 1,807              | 628                | 277                | 312               |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Other crops and hay (see text) .....  | farms                | 1,279                | 2,082              | 1,779              | 1,619              | 1,982             |
|   | \$1,000              | 17,552               | 15,902             | 7,707              | 4,121              | 2,673             |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Cattle and calves .....   | farms                | 1,301                | 1,979              | 1,490              | 1,220              | 1,274             |
|   | \$1,000              | 17,994               | 16,186             | 7,050              | 3,365              | 1,865             |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Milk and other dairy products from cows .....                               | farms                | 294                  | 179                | 26                 | 7                  | 6                 |
|   | \$1,000              | 7,590                | 2,174              | 85                 | 10                 | (D)               |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Hogs and pigs .....   | farms                | 239                  | 386                | 287                | 258                | 278               |
|   | \$1,000              | 2,075                | 1,621              | 505                | 301                | 194               |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Sheep, goats, and their products .....                                      | farms                | 141                  | 257                | 306                | 361                | 508               |
|   | \$1,000              | (D)                  | 828                | 636                | 480                | 423               |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Horses, ponies, mules, burros, and donkeys .....                            | farms                | 188                  | 492                | 642                | 703                | 851               |
|   | \$1,000              | (D)                  | 4,625              | 3,267              | 2,064              | 1,248             |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |
| Poultry and eggs .....  | farms                | 156                  | 294                | 289                | 339                | 427               |
|   | \$1,000              | 622                  | 426                | 252                | 218                | 175               |
| Sales of \$50,000 or more .....   | farms                | -                    | -                  | -                  | -                  | -                 |
|   | \$1,000              | -                    | -                  | -                  | -                  | -                 |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|--|-----------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>               |           |                     |                        |                        |                        |                      |
| Total (see text) - Con.  |           |                     |                        |                        |                        |                      |
| Total sales (see text) - Con.  |           |                     |                        |                        |                        |                      |
| Aquaculture (see text) .... farms  | 83        | -                   | 4                      | 1                      | 6                      | 7                    |
| \$1,000  | 3,316     | -                   | 2,005                  | (D)                    | 476                    | 371                  |
| Sales of \$50,000 or more .... farms   | 12        | -                   | 3                      | -                      | 4                      | 5                    |
| \$1,000  | 2,808     | -                   | (D)                    | -                      | (D)                    | (D)                  |
| Other animals and other animal products (see text) .... farms                                  | 1,152     | 3                   | 6                      | 8                      | 50                     | 86                   |
| \$1,000  | 32,972    | (D)                 | (D)                    | (D)                    | 4,372                  | 3,760                |
| Sales of \$50,000 or more .... farms   | 92        | 2                   | 3                      | 4                      | 30                     | 53                   |
| \$1,000  | 28,313    | (D)                 | (D)                    | (D)                    | (D)                    | (D)                  |
| Government payments .... farms   | 18,133    | 390                 | 724                    | 1,375                  | 2,150                  | 1,785                |
| \$1,000  | 144,771   | 22,860              | 28,114                 | 32,032                 | 26,488                 | 10,731               |
| Value of - Certified organically produced commodities (see text) .... farms                    | 283       | 1                   | 1                      | 5                      | 25                     | 29                   |
| \$1,000  | 7,019     | (D)                 | (D)                    | (D)                    | 1,577                  | 1,124                |
| Landlord's share of total sales (see text) .... farms  | 2,262     | 34                  | 88                     | 235                    | 435                    | 402                  |
| \$1,000  | 46,690    | 4,150               | 8,565                  | 11,991                 | 12,233                 | 5,023                |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms | 4,925     | 16                  | 44                     | 113                    | 265                    | 350                  |
| \$1,000  | 37,269    | 1,407               | 3,508                  | 5,960                  | 7,193                  | 6,106                |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |           |                     |                        |                        |                        |                      |
| Total farm production expenses .... farms  | 53,296    | 600                 | 954                    | 1,906                  | 3,208                  | 3,265                |
| \$1,000  | 3,333,716 | 1,225,638           | 500,256                | 503,893                | 395,933                | 182,540              |
| Average per farm .... dollars  | 62,551    | 2,042,729           | 524,377                | 264,372                | 123,421                | 55,908               |
| Fertilizer, lime, and soil conditioners purchased .... farms                                   | 28,156    | 543                 | 909                    | 1,832                  | 2,916                  | 2,960                |
| \$1,000  | 241,158   | 47,330              | 41,246                 | 54,329                 | 45,373                 | 22,096               |
| Farms with expenses of- \$1 to \$4,999 ....  | 19,937    | 33                  | 90                     | 233                    | 755                    | 1,368                |
| \$5,000 to \$24,999 ....   | 5,689     | 154                 | 282                    | 705                    | 1,536                  | 1,492                |
| \$25,000 to \$49,999 ....  | 1,527     | 98                  | 216                    | 547                    | 548                    | 100                  |
| \$50,000 or more ....  | 1,003     | 258                 | 321                    | 347                    | 77                     | -                    |
| Chemicals purchased .... farms   | 23,602    | 514                 | 828                    | 1,587                  | 2,593                  | 2,603                |
| \$1,000  | 181,198   | 44,518              | 33,509                 | 37,392                 | 29,980                 | 14,952               |
| Farms with expenses of- \$1 to \$4,999 ....  | 17,185    | 28                  | 73                     | 274                    | 833                    | 1,419                |
| \$5,000 to \$24,999 ....   | 4,642     | 149                 | 286                    | 674                    | 1,501                  | 1,128                |
| \$25,000 to \$49,999 ....  | 1,057     | 93                  | 204                    | 473                    | 216                    | 56                   |
| \$50,000 or more ....  | 718       | 244                 | 265                    | 166                    | 43                     | -                    |
| Seeds, plants, vines, and trees .... farms   | 25,048    | 532                 | 869                    | 1,655                  | 2,761                  | 2,549                |
| \$1,000  | 257,178   | 98,289              | 38,608                 | 41,090                 | 37,535                 | 17,952               |
| Farms with expenses of- \$1 to \$999 ....  | 10,930    | 3                   | 14                     | 51                     | 152                    | 308                  |
| \$1,000 to \$4,999 ....  | 6,971     | 13                  | 36                     | 142                    | 549                    | 922                  |
| \$5,000 to \$24,999 ....   | 5,120     | 101                 | 311                    | 780                    | 1,708                  | 1,275                |
| \$25,000 to \$49,999 ....  | 1,138     | 105                 | 205                    | 497                    | 301                    | 12                   |
| \$50,000 or more ....  | 889       | 310                 | 303                    | 185                    | 51                     | 32                   |
| Livestock and poultry purchased .... farms   | 11,647    | 249                 | 286                    | 503                    | 921                    | 634                  |
| \$1,000  | 196,578   | 106,765             | 29,725                 | 18,658                 | 17,918                 | 4,799                |
| Farms with expenses of- \$1 to \$4,999 ....  | 9,336     | 14                  | 65                     | 185                    | 447                    | 381                  |
| \$5,000 to \$24,999 ....   | 1,422     | 18                  | 49                     | 136                    | 257                    | 213                  |
| \$25,000 to \$99,999 ....  | 504       | 57                  | 61                     | 104                    | 182                    | 39                   |
| \$100,000 to \$249,999 ....  | 222       | 40                  | 70                     | 76                     | 35                     | 1                    |
| \$250,000 or more ....   | 163       | 120                 | 41                     | 2                      | -                      | -                    |
| Breeding livestock purchased (see text) .... farms   | 5,274     | 115                 | 127                    | 298                    | 501                    | 288                  |
| \$1,000  | 31,345    | 17,254              | 2,912                  | 2,480                  | 2,198                  | 740                  |
| Other livestock and poultry purchased .... farms   | 7,934     | 166                 | 183                    | 268                    | 506                    | 438                  |
| \$1,000  | 165,233   | 89,511              | 26,813                 | 16,178                 | 15,719                 | 4,059                |
| Feed purchased .... farms  | 24,297    | 298                 | 454                    | 851                    | 1,362                  | 1,165                |
| \$1,000  | 390,264   | 198,883             | 52,899                 | 45,824                 | 28,347                 | 11,928               |
| Farms with expenses of- \$1 to \$4,999 ....  | 18,476    | 11                  | 41                     | 130                    | 362                    | 527                  |
| \$5,000 to \$24,999 ....   | 4,014     | 10                  | 69                     | 206                    | 567                    | 536                  |
| \$25,000 to \$99,999 ....  | 1,161     | 24                  | 132                    | 379                    | 421                    | 86                   |
| \$100,000 to \$249,999 ....  | 401       | 65                  | 163                    | 128                    | 12                     | 16                   |
| \$250,000 or more ....   | 245       | 188                 | 49                     | 8                      | -                      | -                    |
| Gasoline, fuels, and oils .... farms   | 50,597    | 600                 | 949                    | 1,900                  | 3,204                  | 3,242                |
| \$1,000  | 145,503   | 37,305              | 20,604                 | 23,643                 | 20,547                 | 10,174               |
| Farms with expenses of- \$1 to \$4,999 ....  | 44,407    | 12                  | 54                     | 267                    | 1,333                  | 2,687                |
| \$5,000 to \$24,999 ....   | 5,258     | 164                 | 607                    | 1,444                  | 1,862                  | 553                  |
| \$25,000 to \$49,999 ....  | 641       | 202                 | 239                    | 177                    | 9                      | 2                    |
| \$50,000 or more ....  | 291       | 222                 | 49                     | 12                     | -                      | -                    |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999 | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|--|----------------------|----------------------|--------------------|--------------------|--------------------|-------------------|
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>               |                      |                      |                    |                    |                    |                   |
| Total (see text) - Con.  |                      |                      |                    |                    |                    |                   |
| Total sales (see text) - Con.  |                      |                      |                    |                    |                    |                   |
| Aquaculture (see text) .... farms  | 12                   | 8                    | 11                 | 13                 | 16                 | 5                 |
| \$1,000  | 329                  | 64                   | 27                 | 27                 | (D)                | 1                 |
| Sales of \$50,000 or more .... farms   | -                    | -                    | -                  | -                  | -                  | -                 |
| \$1,000  | -                    | -                    | -                  | -                  | -                  | -                 |
| Other animals and other animal products (see text) .... farms                                  | 91                   | 162                  | 174                | 157                | 244                | 171               |
| \$1,000  | (D)                  | 1,341                | 677                | 266                | 228                | 44                |
| Sales of \$50,000 or more .... farms   | -                    | -                    | -                  | -                  | -                  | -                 |
| \$1,000  | -                    | -                    | -                  | -                  | -                  | -                 |
| Government payments .... farms   | 1,942                | 2,292                | 1,715              | 1,723              | 2,704              | 1,333             |
| \$1,000  | 6,386                | 5,730                | 4,407              | 3,810              | 3,580              | 632               |
| Value of - Certified organically produced commodities (see text) .... farms                    | 37                   | 60                   | 40                 | 38                 | 28                 | 19                |
| \$1,000  | 502                  | 473                  | 188                | 80                 | 35                 | 6                 |
| Landlord's share of total sales (see text) .... farms  | 388                  | 391                  | 154                | 75                 | 42                 | 18                |
| \$1,000  | 2,946                | 1,392                | 299                | 71                 | 17                 | 2                 |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms | 489                  | 915                  | 739                | 738                | 814                | 442               |
| \$1,000  | 4,555                | 4,300                | 2,070              | 1,196              | 831                | 142               |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |                      |                      |                    |                    |                    |                   |
| Total farm production expenses .... farms  | 3,875                | 6,645                | 5,620              | 5,609              | 8,131              | 13,483            |
| \$1,000  | 121,052              | 114,859              | 69,902             | 42,977             | 54,333             | 122,332           |
| Average per farm .... dollars  | 31,239               | 17,285               | 12,438             | 7,662              | 6,682              | 9,073             |
| Fertilizer, lime, and soil conditioners purchased .... farms                                   | 3,170                | 4,792                | 3,037              | 2,162              | 2,393              | 3,442             |
| \$1,000  | 13,394               | 9,615                | 3,111              | 1,471              | 1,351              | 1,840             |
| Farms with expenses of- \$1 to \$4,999 ....  | 2,103                | 4,459                | 2,984              | 2,148              | 2,370              | 3,394             |
| \$5,000 to \$24,999 ....   | 1,049                | 333                  | 53                 | 14                 | 23                 | 48                |
| \$25,000 to \$49,999 ....  | 18                   | -                    | -                  | -                  | -                  | -                 |
| \$50,000 or more ....  | -                    | -                    | -                  | -                  | -                  | -                 |
| Chemicals purchased .... farms   | 2,619                | 4,151                | 2,489              | 1,841              | 1,845              | 2,532             |
| \$1,000  | 8,149                | 6,913                | 1,969              | 1,129              | 985                | 1,703             |
| Farms with expenses of- \$1 to \$4,999 ....  | 2,071                | 3,961                | 2,446              | 1,823              | 1,793              | 2,464             |
| \$5,000 to \$24,999 ....   | 541                  | 182                  | 43                 | 18                 | 52                 | 68                |
| \$25,000 to \$49,999 ....  | 7                    | 8                    | -                  | -                  | -                  | -                 |
| \$50,000 or more ....  | -                    | -                    | -                  | -                  | -                  | -                 |
| Seeds, plants, vines, and trees .... farms   | 2,700                | 4,121                | 2,516              | 2,010              | 2,202              | 3,133             |
| \$1,000  | 8,939                | 7,109                | 2,669              | 1,595              | 1,385              | 2,007             |
| Farms with expenses of- \$1 to \$4,999 ....  | 613                  | 1,754                | 1,707              | 1,681              | 1,965              | 2,682             |
| \$1,000 to \$4,999 ....  | 1,494                | 2,184                | 784                | 281                | 215                | 351               |
| \$5,000 to \$24,999 ....   | 591                  | 183                  | 17                 | 48                 | 6                  | 100               |
| \$25,000 to \$49,999 ....  | 2                    | -                    | -                  | -                  | 16                 | -                 |
| \$50,000 or more ....  | -                    | -                    | 8                  | -                  | -                  | -                 |
| Livestock and poultry purchased .... farms   | 896                  | 1,551                | 1,297              | 1,055              | 1,673              | 2,582             |
| \$1,000  | 4,928                | 4,224                | 2,218              | 1,242              | 1,740              | 4,360             |
| Farms with expenses of- \$1 to \$4,999 ....  | 595                  | 1,334                | 1,227              | 1,028              | 1,638              | 2,422             |
| \$5,000 to \$24,999 ....   | 291                  | 206                  | 70                 | 27                 | 19                 | 136               |
| \$25,000 to \$99,999 ....  | 10                   | 11                   | -                  | -                  | 16                 | 24                |
| \$100,000 to \$249,999 ....  | -                    | -                    | -                  | -                  | -                  | -                 |
| \$250,000 or more ....   | -                    | -                    | -                  | -                  | -                  | -                 |
| Breeding livestock purchased (see text) .... farms   | 401                  | 730                  | 692                | 464                | 653                | 1,005             |
| \$1,000  | 1,399                | 961                  | 797                | 408                | 431                | 1,765             |
| Other livestock and poultry purchased .... farms   | 595                  | 1,086                | 838                | 751                | 1,212              | 1,891             |
| \$1,000  | 3,529                | 3,263                | 1,421              | 835                | 1,309              | 2,595             |
| Feed purchased .... farms  | 1,409                | 2,635                | 2,520              | 2,432              | 3,254              | 7,917             |
| \$1,000  | 8,276                | 9,412                | 8,112              | 5,323              | 4,621              | 16,639            |
| Farms with expenses of- \$1 to \$4,999 ....  | 929                  | 2,108                | 2,111              | 2,189              | 3,087              | 6,981             |
| \$5,000 to \$24,999 ....   | 421                  | 510                  | 382                | 231                | 167                | 915               |
| \$25,000 to \$99,999 ....  | 59                   | 2                    | 27                 | 10                 | -                  | 21                |
| \$100,000 to \$249,999 ....  | -                    | 15                   | -                  | 2                  | -                  | -                 |
| \$250,000 or more ....   | -                    | -                    | -                  | -                  | -                  | -                 |
| Gasoline, fuels, and oils .... farms   | 3,829                | 6,537                | 5,463              | 5,425              | 7,594              | 11,854            |
| \$1,000  | 7,900                | 7,970                | 4,603              | 3,263              | 3,808              | 5,687             |
| Farms with expenses of- \$1 to \$4,999 ....  | 3,566                | 6,411                | 5,410              | 5,396              | 7,543              | 11,728            |
| \$5,000 to \$24,999 ....   | 262                  | 126                  | 48                 | 22                 | 44                 | 126               |
| \$25,000 to \$49,999 ....  | -                    | -                    | 5                  | -                  | 7                  | -                 |
| \$50,000 or more ....  | 1                    | -                    | -                  | 7                  | -                  | -                 |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms        | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|--|------------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>                                 |                  |                     |                        |                        |                        |                      |
| Total farm production expenses - Con.  |                  |                     |                        |                        |                        |                      |
| Utilities (see text) ....  | farms<br>\$1,000 | 30,422<br>91,391    | 579<br>30,176          | 913<br>13,091          | 1,805<br>13,827        | 2,914<br>11,562      |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |                  | 17,496              | 3                      | 14                     | 108                    | 389                  |
| \$1,000 to \$4,999 .....   |                  | 9,451               | 38                     | 162                    | 639                    | 1,830                |
| \$5,000 to \$24,999 .....  |                  | 2,928               | 210                    | 613                    | 992                    | 686                  |
| \$25,000 to \$49,999 .....   |                  | 343                 | 171                    | 94                     | 60                     | 9                    |
| \$50,000 or more .....   |                  | 204                 | 157                    | 30                     | 6                      | -                    |
| Supplies, repairs, and maintenance .....   | farms<br>\$1,000 | 47,754<br>334,489   | 600<br>93,244          | 953<br>44,510          | 1,879<br>48,540        | 3,097<br>39,110      |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |                  | 36,285              | 8                      | 37                     | 103                    | 675                  |
| \$5,000 to \$24,999 .....  |                  | 8,807               | 74                     | 257                    | 1,023                  | 2,115                |
| \$25,000 to \$49,999 .....   |                  | 1,532               | 110                    | 319                    | 532                    | 258                  |
| \$50,000 or more .....   |                  | 1,130               | 408                    | 340                    | 221                    | 49                   |
| Hired farm labor .....   | farms<br>\$1,000 | 12,279<br>469,731   | 581<br>268,207         | 840<br>75,716          | 1,420<br>59,099        | 1,732<br>31,300      |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |                  | 7,177               | 12                     | 45                     | 200                    | 602                  |
| \$5,000 to \$24,999 .....  |                  | 2,442               | 23                     | 149                    | 502                    | 704                  |
| \$25,000 to \$49,999 .....   |                  | 1,736               | 93                     | 379                    | 551                    | 409                  |
| \$100,000 to \$249,999 .....   |                  | 550                 | 146                    | 211                    | 158                    | 16                   |
| \$250,000 or more .....  |                  | 374                 | 307                    | 56                     | 9                      | 1                    |
| Contract labor .....   | farms<br>\$1,000 | 3,614<br>35,023     | 155<br>16,238          | 180<br>3,816           | 252<br>4,180           | 342<br>2,531         |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |                  | 1,382               | 9                      | 7                      | 13                     | 56                   |
| \$1,000 to \$4,999 .....   |                  | 1,188               | 28                     | 43                     | 70                     | 136                  |
| \$5,000 to \$24,999 .....  |                  | 825                 | 55                     | 98                     | 125                    | 127                  |
| \$25,000 to \$49,999 .....   |                  | 146                 | 27                     | 16                     | 25                     | 21                   |
| \$50,000 or more .....   |                  | 73                  | 36                     | 16                     | 19                     | 2                    |
| Customwork and custom hauling .....  | farms<br>\$1,000 | 9,148<br>63,676     | 323<br>26,174          | 404<br>7,652           | 723<br>12,720          | 1,088<br>6,222       |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |                  | 4,001               | 7                      | 27                     | 52                     | 132                  |
| \$1,000 to \$4,999 .....   |                  | 3,214               | 26                     | 93                     | 181                    | 496                  |
| \$5,000 to \$24,999 .....  |                  | 1,486               | 92                     | 200                    | 365                    | 445                  |
| \$25,000 to \$49,999 .....   |                  | 213                 | 73                     | 60                     | 61                     | 11                   |
| \$50,000 or more .....   |                  | 234                 | 125                    | 24                     | 64                     | 4                    |
| Cash rent for land, buildings, and grazing fees .....                              | farms<br>\$1,000 | 12,399<br>216,140   | 418<br>57,730          | 706<br>45,619          | 1,392<br>49,022        | 2,026<br>38,808      |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |                  | 7,276               | 14                     | 75                     | 226                    | 643                  |
| \$5,000 to \$9,999 .....   |                  | 1,408               | 20                     | 64                     | 191                    | 261                  |
| \$10,000 to \$24,999 .....   |                  | 1,704               | 63                     | 128                    | 313                    | 570                  |
| \$25,000 or more .....   |                  | 2,011               | 321                    | 439                    | 662                    | 552                  |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... | farms<br>\$1,000 | 3,940<br>33,771     | 301<br>14,979          | 319<br>5,628           | 427<br>4,496           | 669<br>4,111         |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |                  | 1,534               | 20                     | 30                     | 32                     | 159                  |
| \$1,000 to \$4,999 .....   |                  | 1,179               | 24                     | 63                     | 202                    | 207                  |
| \$5,000 to \$24,999 .....  |                  | 943                 | 114                    | 152                    | 142                    | 287                  |
| \$25,000 to \$49,999 .....   |                  | 170                 | 70                     | 53                     | 32                     | 15                   |
| \$50,000 or more .....   |                  | 114                 | 73                     | 21                     | 19                     | 1                    |
| Interest expense .....   | farms<br>\$1,000 | 18,089<br>211,406   | 528<br>54,440          | 786<br>28,416          | 1,455<br>31,278        | 2,434<br>32,232      |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |                  | 9,658               | 46                     | 92                     | 293                    | 719                  |
| \$5,000 to \$24,999 .....  |                  | 6,548               | 101                    | 282                    | 716                    | 1,375                |
| \$25,000 to \$99,999 .....   |                  | 1,648               | 210                    | 378                    | 432                    | 335                  |
| \$100,000 or more .....  |                  | 235                 | 171                    | 34                     | 14                     | 5                    |
| Secured by real estate .....   | farms<br>\$1,000 | 14,332<br>154,977   | 423<br>37,553          | 605<br>18,081          | 1,134<br>20,947        | 1,896<br>23,364      |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |                  | 1,919               | 10                     | 19                     | 29                     | 55                   |
| \$1,000 to \$4,999 .....   |                  | 5,535               | 36                     | 60                     | 284                    | 528                  |
| \$5,000 to \$24,999 .....  |                  | 5,594               | 91                     | 259                    | 545                    | 1,107                |
| \$25,000 to \$49,999 .....   |                  | 838                 | 90                     | 154                    | 197                    | 179                  |
| \$50,000 or more .....   |                  | 446                 | 196                    | 113                    | 79                     | 27                   |
| Not secured by real estate .....   | farms<br>\$1,000 | 8,737<br>56,428     | 335<br>16,887          | 542<br>10,335          | 1,071<br>10,331        | 1,643<br>8,868       |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$999 .....   |                  | 3,042               | 6                      | 20                     | 109                    | 288                  |
| \$1,000 to \$4,999 .....   |                  | 3,192               | 28                     | 97                     | 294                    | 708                  |
| \$5,000 to \$24,999 .....  |                  | 2,067               | 129                    | 286                    | 594                    | 617                  |
| \$25,000 to \$49,999 .....   |                  | 286                 | 73                     | 106                    | 63                     | 28                   |
| \$50,000 or more .....   |                  | 150                 | 99                     | 33                     | 11                     | 2                    |
| Property taxes paid .....  | farms<br>\$1,000 | 50,494<br>157,933   | 562<br>13,978          | 917<br>12,076          | 1,862<br>16,865        | 3,113<br>18,656      |
| Farms with expenses of-  |                  |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....   |                  | 43,434              | 85                     | 217                    | 627                    | 1,710                |
| \$5,000 to \$9,999 .....   |                  | 4,379               | 94                     | 231                    | 614                    | 951                  |
| \$10,000 to \$24,999 .....   |                  | 2,144               | 195                    | 359                    | 542                    | 411                  |
| \$25,000 or more .....   |                  | 537                 | 188                    | 110                    | 79                     | 41                   |

See footnote(s) at end of table.

-continued

**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to \$49,999 | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|---|----------------------|----------------------|--------------------|--------------------|--------------------|-------------------|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |                      |                      |                    |                    |                    |                   |
| Total farm production expenses - Con.   |                      |                      |                    |                    |                    |                   |
| Utilities (see text) .... farms \$1,000   | 2,952<br>4,281       | 4,268<br>3,662       | 2,899<br>2,087     | 2,709<br>1,543     | 3,264<br>1,503     | 5,365<br>3,924    |
| Farms with expenses of-<br>\$1 to \$999 ..... 1,532   | 3,023                | 2,263                | 2,277              | 2,845              | 3,969              |                   |
| \$1,000 to \$4,999 ..... 1,325  | 1,209                | 604                  | 432                | 408                | 1,329              |                   |
| \$5,000 to \$24,999 ..... 86  | 36                   | 32                   | -                  | 11                 | 67                 |                   |
| \$25,000 to \$49,999 ..... 9  | -                    | -                    | -                  | -                  | -                  |                   |
| \$50,000 or more ..... -  | -                    | -                    | -                  | -                  | -                  |                   |
| Supplies, repairs, and maintenance .... farms \$1,000   | 3,697<br>18,683      | 6,268<br>17,430      | 5,172<br>14,537    | 5,091<br>6,722     | 7,077<br>9,829     | 10,795<br>17,960  |
| Farms with expenses of-<br>\$1 to \$4,999 ..... 2,644   | 5,371                | 4,531                | 4,841              | 6,628              | 9,882              |                   |
| \$5,000 to \$24,999 ..... 1,005   | 880                  | 553                  | 243                | 413                | 814                |                   |
| \$25,000 to \$49,999 ..... 13   | 9                    | 61                   | 7                  | 22                 | 99                 |                   |
| \$50,000 or more ..... 35   | 8                    | 27                   | -                  | 14                 | -                  |                   |
| Hired farm labor .... farms \$1,000   | 1,124<br>4,993       | 1,366<br>3,750       | 926<br>2,137       | 712<br>1,508       | 669<br>3,226       | 1,646<br>8,342    |
| Farms with expenses of-<br>\$1 to \$4,999 ..... 883   | 1,209                | 830                  | 663                | 524                | 1,479              |                   |
| \$5,000 to \$24,999 ..... 215   | 148                  | 82                   | 40                 | 99                 | 56                 |                   |
| \$25,000 to \$99,999 ..... 24   | 7                    | 13                   | 9                  | 36                 | 111                |                   |
| \$100,000 to \$249,999 ..... 2  | 2                    | 1                    | -                  | 10                 | -                  |                   |
| \$250,000 or more ..... -   | -                    | -                    | -                  | -                  | -                  |                   |
| Contract labor .... farms \$1,000   | 340<br>1,418         | 402<br>1,578         | 347<br>1,147       | 321<br>501         | 442<br>536         | 560<br>2,129      |
| Farms with expenses of-<br>\$1 to \$999 ..... 91  | 107                  | 182                  | 208                | 273                | 359                |                   |
| \$1,000 to \$4,999 ..... 176  | 197                  | 66                   | 93                 | 150                | 100                |                   |
| \$5,000 to \$24,999 ..... 65  | 84                   | 94                   | 20                 | 19                 | 71                 |                   |
| \$25,000 to \$49,999 ..... 8  | 14                   | 5                    | -                  | -                  | 30                 |                   |
| \$50,000 or more ..... -  | -                    | -                    | -                  | -                  | -                  |                   |
| Customwork and custom hauling .... farms \$1,000  | 1,062<br>2,423       | 1,467<br>2,188       | 758<br>640         | 744<br>564         | 707<br>347         | 834<br>482        |
| Farms with expenses of-<br>\$1 to \$999 ..... 397   | 724                  | 499                  | 588                | 613                | 694                |                   |
| \$1,000 to \$4,999 ..... 543  | 688                  | 247                  | 149                | 94                 | 134                |                   |
| \$5,000 to \$24,999 ..... 115   | 55                   | 12                   | 7                  | -                  | 6                  |                   |
| \$25,000 to \$49,999 ..... 7  | -                    | -                    | -                  | -                  | -                  |                   |
| \$50,000 or more ..... -  | -                    | -                    | -                  | -                  | -                  |                   |
| Cash rent for land, buildings, and grazing fees .... farms \$1,000                              | 1,535<br>6,333       | 1,875<br>4,092       | 1,156<br>1,418     | 562<br>590         | 424<br>328         | 571<br>440        |
| Farms with expenses of-<br>\$1 to \$4,999 ..... 1,045   | 1,719                | 1,097                | 551                | 406                | 564                |                   |
| \$5,000 to \$9,999 ..... 358  | 91                   | 57                   | -                  | 18                 | 7                  |                   |
| \$10,000 to \$24,999 ..... 122  | 63                   | 2                    | 10                 | -                  | -                  |                   |
| \$25,000 or more ..... 10   | 2                    | -                    | 1                  | -                  | -                  |                   |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000 | 358<br>744           | 509<br>818           | 293<br>567         | 141<br>61          | 195<br>96          | 342<br>1,290      |
| Farms with expenses of-<br>\$1 to \$999 ..... 211   | 295                  | 132                  | 121                | 187                | 194                |                   |
| \$1,000 to \$4,999 ..... 115  | 181                  | 129                  | 20                 | 3                  | 69                 |                   |
| \$5,000 to \$24,999 ..... 32  | 33                   | 32                   | -                  | 5                  | 79                 |                   |
| \$25,000 to \$49,999 ..... -  | -                    | -                    | -                  | -                  | -                  |                   |
| \$50,000 or more ..... -  | -                    | -                    | -                  | -                  | -                  |                   |
| Interest expense .... farms \$1,000   | 1,649<br>8,764       | 2,266<br>9,230       | 1,406<br>7,630     | 1,344<br>4,862     | 1,623<br>6,590     | 2,875<br>15,213   |
| Farms with expenses of-<br>\$1 to \$4,999 ..... 1,006   | 1,645                | 945                  | 962                | 1,160              | 1,837              |                   |
| \$5,000 to \$24,999 ..... 593   | 598                  | 431                  | 380                | 456                | 934                |                   |
| \$25,000 to \$99,999 ..... 49   | 23                   | 25                   | 2                  | 6                  | 101                |                   |
| \$100,000 or more ..... 1   | -                    | 5                    | -                  | 1                  | 3                  |                   |
| Secured by real estate .... farms \$1,000   | 1,235<br>6,647       | 1,581<br>7,114       | 1,141<br>6,695     | 1,112<br>4,364     | 1,397<br>6,281     | 2,542<br>14,462   |
| Farms with expenses of-<br>\$1 to \$999 ..... 206   | 235                  | 247                  | 277                | 296                | 406                |                   |
| \$1,000 to \$4,999 ..... 558  | 833                  | 460                  | 474                | 640                | 1,105              |                   |
| \$5,000 to \$24,999 ..... 449   | 497                  | 404                  | 359                | 454                | 927                |                   |
| \$25,000 to \$49,999 ..... 21   | 16                   | 20                   | 2                  | 6                  | 101                |                   |
| \$50,000 or more ..... 1  | -                    | 10                   | -                  | 1                  | 3                  |                   |
| Not secured by real estate .... farms \$1,000   | 892<br>2,117         | 1,157<br>2,116       | 488<br>936         | 480<br>498         | 430<br>309         | 696<br>751        |
| Farms with expenses of-<br>\$1 to \$999 ..... 334   | 608                  | 321                  | 282                | 344                | 490                |                   |
| \$1,000 to \$4,999 ..... 419  | 463                  | 143                  | 191                | 85                 | 161                |                   |
| \$5,000 to \$24,999 ..... 139   | 79                   | 19                   | 7                  | 1                  | 45                 |                   |
| \$25,000 to \$49,999 ..... -  | 7                    | -                    | -                  | -                  | -                  |                   |
| \$50,000 or more ..... -  | -                    | 5                    | -                  | -                  | -                  |                   |
| Property taxes paid .... farms \$1,000  | 3,678<br>11,205      | 6,349<br>15,560      | 5,161<br>10,453    | 5,194<br>9,109     | 7,687<br>13,331    | 12,841<br>24,271  |
| Farms with expenses of-<br>\$1 to \$4,999 ..... 3,105   | 5,794                | 4,901                | 5,019              | 7,403              | 12,244             |                   |
| \$5,000 to \$9,999 ..... 465  | 422                  | 210                  | 136                | 203                | 446                |                   |
| \$10,000 to \$24,999 ..... 108  | 107                  | 49                   | 38                 | 73                 | 93                 |                   |
| \$25,000 or more ..... -  | 26                   | 1                    | 1                  | 8                  | 58                 |                   |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | All farms                 | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|---|---------------------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>                                      |                           |                     |                        |                        |                        |                      |
| Total farm production expenses - Con.   |                           |                     |                        |                        |                        |                      |
| All other production expenses (see text) ....   | farms<br>\$1,000          | 30,851<br>308,277   | 560<br>117,382         | 898<br>47,141          | 1,731<br>42,931        | 2,686<br>31,702      |
| Farms with expenses of-   |                           |                     |                        |                        |                        |                      |
| \$1 to \$4,999 .....  |                           | 22,590              | 7                      | 38                     | 209                    | 782                  |
| \$5,000 to \$24,999 .....   |                           | 6,118               | 81                     | 285                    | 903                    | 1,657                |
| \$25,000 to \$49,999 .....  |                           | 1,080               | 68                     | 265                    | 430                    | 175                  |
| \$50,000 to \$99,999 .....  |                           | 606                 | 124                    | 185                    | 147                    | 66                   |
| \$100,000 or more .....   |                           | 457                 | 280                    | 125                    | 42                     | 6                    |
| Production expenses paid by landlords <sup>3</sup> ....                                 | farms<br>\$1,000          | 2,324<br>18,239     | 33<br>1,256            | 81<br>3,186            | 137<br>4,229           | 179<br>2,887         |
| Depreciation expenses claimed (see text) ....   | farms<br>\$1,000          | 21,682<br>386,335   | 553<br>108,085         | 889<br>59,189          | 1,708<br>67,046        | 2,566<br>50,986      |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>                                      |                           |                     |                        |                        |                        |                      |
| Net cash farm income of operations (see text) ....                                      | farms<br>\$1,000          | 53,296<br>724,021   | 600<br>329,495         | 954<br>166,704         | 1,906<br>179,089       | 3,208<br>127,345     |
| Average per farm .....  | dollars                   | 13,585              | 549,141                | 174,743                | 93,961                 | 39,696               |
| Farms with net gains <sup>4</sup> ....  | number                    | 22,737              | 524                    | 828                    | 1,632                  | 2,622                |
| Average net gain .....  | dollars                   | 47,047              | 670,262                | 216,386                | 120,677                | 58,777               |
| Gain of-  |                           |                     |                        |                        |                        |                      |
| Less than \$1,000 .....   |                           | 3,224               | 1                      | 1                      | 3                      | 45                   |
| \$1,000 to \$4,999 .....  |                           | 5,479               | 1                      | 2                      | 15                     | 41                   |
| \$5,000 to \$9,999 .....  |                           | 3,138               | 1                      | 2                      | 11                     | 91                   |
| \$10,000 to \$24,999 .....  |                           | 3,504               | 10                     | 20                     | 72                     | 374                  |
| \$25,000 to \$49,999 .....  |                           | 2,827               | 12                     | 51                     | 184                    | 689                  |
| \$50,000 or more .....  |                           | 4,565               | 499                    | 752                    | 1,347                  | 636                  |
| Farms with net losses .....   | number                    | 30,559              | 76                     | 126                    | 274                    | 586                  |
| Average net loss .....  | dollars                   | 11,312              | 285,958                | 98,916                 | 65,164                 | 45,680               |
| Loss of-  |                           |                     |                        |                        |                        |                      |
| Less than \$1,000 .....   |                           | 3,903               | 1                      | -                      | 4                      | 5                    |
| \$1,000 to \$4,999 .....  |                           | 11,691              | 2                      | 2                      | 11                     | 33                   |
| \$5,000 to \$9,999 .....  |                           | 6,916               | -                      | 4                      | 25                     | 73                   |
| \$10,000 to \$24,999 .....  |                           | 5,386               | 5                      | 15                     | 62                     | 141                  |
| \$25,000 to \$49,999 .....  |                           | 1,545               | 8                      | 23                     | 65                     | 186                  |
| \$50,000 or more .....  |                           | 1,118               | 60                     | 82                     | 107                    | 132                  |
| Net cash farm income of operators (see text) ....                                       | farms<br>\$1,000          | 53,296<br>705,489   | 600<br>328,312         | 954<br>161,163         | 1,906<br>171,744       | 3,208<br>124,169     |
| Average per farm .....  | dollars                   | 13,237              | 547,186                | 168,934                | 90,107                 | 38,706               |
| Operators reporting net gains <sup>4</sup> ....   | farms<br>Average net gain | 23,069<br>45,546    | 529<br>658,047         | 823<br>212,192         | 1,631<br>116,894       | 2,599<br>58,129      |
| Gain of-  |                           |                     |                        |                        |                        |                      |
| Less than \$1,000 .....   |                           | 3,356               | 1                      | 1                      | 3                      | 48                   |
| \$1,000 to \$4,999 .....  |                           | 5,783               | 1                      | 2                      | 19                     | 62                   |
| \$5,000 to \$9,999 .....  |                           | 3,146               | 2                      | 1                      | 13                     | 101                  |
| \$10,000 to \$24,999 .....  |                           | 3,520               | 10                     | 25                     | 76                     | 357                  |
| \$25,000 to \$49,999 .....  |                           | 2,823               | 13                     | 59                     | 238                    | 640                  |
| \$50,000 or more .....  |                           | 4,441               | 502                    | 735                    | 1,282                  | 1,391                |
| Operators reporting net losses .....  | farms<br>Average net loss | 30,227<br>11,421    | 71<br>278,806          | 131<br>102,837         | 275<br>68,765          | 609<br>44,183        |
| Loss of-  |                           |                     |                        |                        |                        |                      |
| Less than \$1,000 .....   |                           | 3,787               | 1                      | -                      | 2                      | 12                   |
| \$1,000 to \$4,999 .....  |                           | 11,498              | -                      | 2                      | 11                     | 40                   |
| \$5,000 to \$9,999 .....  |                           | 6,903               | -                      | 4                      | 25                     | 61                   |
| \$10,000 to \$24,999 .....  |                           | 5,339               | 5                      | 12                     | 56                     | 148                  |
| \$25,000 to \$49,999 .....  |                           | 1,564               | 8                      | 27                     | 61                     | 140                  |
| \$50,000 or more .....  |                           | 1,136               | 57                     | 86                     | 120                    | 208                  |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>                                    |                           |                     |                        |                        |                        |                      |
| Total .....   | farms<br>\$1,000          | 2,601<br>72,023     | 94<br>19,379           | 172<br>14,519          | 367<br>19,738          | 493<br>12,805        |
| <b>INCOME FROM FARM-RELATED SOURCES</b>   |                           |                     |                        |                        |                        |                      |
| Total income from farm-related sources, gross before taxes and expenses (see text) .... | farms<br>\$1,000          | 15,056<br>133,320   | 339<br>15,831          | 507<br>13,839          | 1,024<br>15,390        | 1,589<br>15,407      |
| Customwork and other agricultural services .....  | farms<br>\$1,000          | 3,087<br>29,184     | 131<br>5,619           | 228<br>6,117           | 385<br>5,270           | 569<br>4,796         |
| Gross cash rent or share payments .....   | farms<br>\$1,000          | 5,446<br>29,230     | 82<br>2,571            | 67<br>1,588            | 134<br>2,586           | 201<br>2,197         |
| Sales of forest products, excluding Christmas trees and maple products .....            | farms<br>\$1,000          | 1,557<br>11,799     | 31<br>1,263            | 31<br>449              | 62<br>642              | 92<br>890            |
| Recreational services (see text) .....  | farms<br>\$1,000          | 615<br>3,295        | 11<br>29               | 15<br>115              | 29<br>60               | 59<br>489            |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to \$49,999                    | \$10,000 to \$24,999                     | \$5,000 to \$9,999                     | \$2,500 to \$4,999                     | \$1,000 to \$2,499                          | Less than \$1,000                              |
|---|---|--|--|--|---|--|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |   |  |  |  |   |  |
| Total farm production expenses - Con.   |   |  |  |  |   |  |
| All other production expenses (see text) .... farms \$1,000   | 2,828<br>10,622                         | 4,244<br>11,309                          | 3,037<br>6,604                         | 2,624<br>3,493                         | 3,472<br>4,657                              | 6,254<br>16,047                                |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 to \$99,999 .....<br>\$100,000 or more .....               | 2,261<br>531<br>29<br>7<br>-            | 3,735<br>487<br>10<br>12<br>-            | 2,732<br>295<br>10<br>-<br>-           | 2,486<br>137<br>1<br>-<br>-            | 3,277<br>195<br>-<br>-<br>-                 | 5,521<br>662<br>16<br>55<br>-                  |
| Production expenses paid by landlords <sup>3</sup> .... farms \$1,000   | 192<br>1,447                            | 307<br>1,085                             | 208<br>820                             | 252<br>563                             | 365<br>659                                  | 390<br>801                                     |
| Depreciation expenses claimed (see text) .... farms \$1,000   | 2,313<br>18,939                         | 3,447<br>18,060                          | 2,103<br>11,173                        | 1,682<br>5,401                         | 1,686<br>5,809                              | 2,522<br>14,644                                |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>  |   |  |  |  |   |  |
| Net cash farm income of operations (see text) .... farms \$1,000  | 3,875<br>25,469                         | 6,645<br>1,864                           | 5,620<br>18,647                        | 5,609<br>15,690                        | 8,131<br>-34,223                            | 13,483<br>-98,653                              |
| Average per farm ..... dollars  | 6,573                                   | 280                                      | -3,318                                 | -2,797                                 | -4,209                                      | -7,317   |
| Farms with net gains <sup>4</sup> .... number   | 2,908                                   | 4,091                                    | 2,784                                  | 2,138                                  | 1,937                                       | 776  |
| Average net gain ..... dollars  | 15,853                                  | 7,608                                    | 4,907                                  | 2,665                                  | 1,473                                       | 9,549  |
| Gain of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 140<br>359<br>554<br>1,213<br>626<br>16 | 338<br>1,255<br>1,502<br>907<br>74<br>15 | 450<br>1,634<br>530<br>118<br>24<br>28 | 711<br>1,280<br>98<br>31<br>3<br>15    | 1,203<br>616<br>87<br>23<br>8<br>-<br>15    | 314<br>180<br>107<br>47<br>81<br>47            |
| Farms with net losses ..... number  | 967                                     | 2,554                                    | 2,836                                  | 3,471                                  | 6,194                                       | 12,707   |
| Average net loss ..... dollars  | 21,334                                  | 11,457                                   | 11,392                                 | 6,162                                  | 5,986                                       | 8,347  |
| Loss of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 71<br>177<br>167<br>298<br>158<br>96    | 323<br>726<br>599<br>643<br>189<br>74    | 412<br>874<br>634<br>611<br>181<br>124 | 563<br>1,398<br>904<br>542<br>49<br>15 | 1,145<br>2,850<br>1,247<br>733<br>178<br>41 | 1,362<br>5,445<br>3,144<br>2,150<br>423<br>183 |
| Net cash farm income of operators (see text) .... farms \$1,000   | 3,875<br>24,993                         | 6,645<br>2,128                           | 5,620<br>-18,137                       | 5,609<br>-15,170                       | 8,131<br>-33,592                            | 13,483<br>-97,855                              |
| Average per farm ..... dollars  | 6,450                                   | 320                                      | -3,227                                 | -2,705                                 | -4,131                                      | -7,258   |
| Operators reporting net gains <sup>4</sup> .... farms   | 2,911                                   | 4,103                                    | 2,799                                  | 2,184                                  | 2,091                                       | 924  |
| Average net gain ..... dollars  | 15,663                                  | 7,564                                    | 4,945                                  | 2,732                                  | 1,492                                       | 8,116  |
| Gain of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 150<br>387<br>528<br>1,215<br>615<br>16 | 363<br>1,289<br>1,447<br>915<br>74<br>15 | 430<br>1,626<br>573<br>118<br>24<br>28 | 675<br>1,362<br>98<br>31<br>3<br>15    | 1,209<br>764<br>87<br>23<br>8<br>-<br>15    | 458<br>184<br>107<br>47<br>81<br>47            |
| Operators reporting net losses ..... farms  | 964                                     | 2,542                                    | 2,821                                  | 3,425                                  | 6,040                                       | 12,559   |
| Average net loss ..... dollars  | 21,371                                  | 11,371                                   | 11,336                                 | 6,171                                  | 6,078                                       | 8,389  |
| Loss of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 51<br>180<br>190<br>280<br>167<br>96    | 327<br>685<br>638<br>648<br>170<br>74    | 398<br>899<br>617<br>602<br>181<br>124 | 541<br>1,407<br>874<br>539<br>49<br>15 | 1,070<br>2,812<br>1,206<br>733<br>178<br>41 | 1,368<br>5,296<br>3,156<br>2,133<br>423<br>183 |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>  |   |  |  |  |   |  |
| Total ..... farms \$1,000   | 373<br>1,422                            | 412<br>729                               | 144<br>114                             | 90<br>42                               | 61<br>22                                    | 14<br>3  |
| <b>INCOME FROM FARM-RELATED SOURCES</b>   |   |  |  |  |   |  |
| Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000   | 1,437<br>8,488                          | 2,021<br>10,513                          | 1,393<br>7,059                         | 1,241<br>6,866                         | 1,635<br>7,189                              | 2,591<br>20,924                                |
| Customwork and other agricultural services ..... farms \$1,000  | 368<br>1,790                            | 397<br>1,562                             | 201<br>523                             | 148<br>363                             | 137<br>283                                  | 138<br>480                                     |
| Gross cash rent or share payments ..... farms \$1,000   | 391<br>2,588                            | 731<br>3,630                             | 652<br>2,339                           | 686<br>2,948                           | 963<br>3,027                                | 1,270<br>3,853                                 |
| Sales of forest products, excluding Christmas trees and maple products ..... farms \$1,000  | 117<br>916                              | 239<br>1,387                             | 168<br>1,175                           | 178<br>951                             | 195<br>886                                  | 306<br>1,936                                   |
| Recreational services (see text) ..... farms \$1,000  | 77<br>207                               | 85<br>227                                | 53<br>88                               | 46<br>168                              | 73<br>160                                   | 90<br>1,271                                    |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | All farms       | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|---|-----------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>  |                 |                     |                        |                        |                        |                      |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                                 |                 |                     |                        |                        |                        |                      |
| Patronage dividends and refunds from cooperatives (see text) . . . . . farms \$1,000                                      | 3,247<br>8,745  | 165<br>2,373        | 294<br>1,704           | 544<br>1,793           | 743<br>1,433           | 486<br>581           |
| Other farm-related income sources (see text) . . . . . farms \$1,000  | 5,177<br>51,067 | 128<br>3,975        | 190<br>3,866           | 393<br>5,039           | 623<br>5,601           | 455<br>5,167         |
| <b>LAND USE</b>   |                 |                     |                        |                        |                        |                      |
| Total cropland . . . . . farms  | 47,904          | 570                 | 923                    | 1,850                  | 3,211                  | 3,172                |
| acres   | 7,983,574       | 938,031             | 1,092,055              | 1,464,486              | 1,448,662              | 765,245              |
| Harvested cropland . . . . . farms  | 38,244          | 557                 | 919                    | 1,837                  | 3,164                  | 3,103                |
| acres   | 6,827,903       | 900,459             | 1,055,654              | 1,410,915              | 1,362,055              | 685,347              |
| Farms by acres harvested:   |                 |                     |                        |                        |                        |                      |
| 1 to 49 acres . . . . .   | 20,486          | 88                  | 81                     | 124                    | 309                    | 511                  |
| 50 to 99 acres . . . . .  | 5,571           | 15                  | 9                      | 59                     | 203                    | 353                  |
| 100 to 199 acres . . . . .  | 4,350           | 13                  | 31                     | 98                     | 341                    | 561                  |
| 200 to 499 acres . . . . .  | 4,188           | 43                  | 140                    | 386                    | 1,079                  | 1,512                |
| 500 to 999 acres . . . . .  | 2,181           | 103                 | 226                    | 576                    | 1,087                  | 165                  |
| 1,000 to 1,999 acres . . . . .  | 1,094           | 128                 | 260                    | 559                    | 145                    | 1                    |
| 2,000 acres or more . . . . .   | 374             | 167                 | 172                    | 35                     | -                      | -                    |
| Cropland-   |                 |                     |                        |                        |                        |                      |
| For pasture or grazing only . . . . . farms   | 16,190          | 95                  | 149                    | 356                    | 722                    | 818                  |
| acres   | 409,296         | 8,399               | 9,654                  | 17,680                 | 36,958                 | 39,304               |
| On which all crops failed . . . . . farms   | 3,113           | 21                  | 48                     | 77                     | 170                    | 222                  |
| acres   | 69,071          | 1,076               | 2,216                  | 3,028                  | 5,610                  | 7,754                |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms | 15,120          | 164                 | 208                    | 404                    | 648                    | 635                  |
| acres   | 607,936         | 24,232              | 17,916                 | 25,724                 | 34,442                 | 27,613               |
| In cultivated summer fallow . . . . . farms   | 2,567           | 35                  | 68                     | 129                    | 201                    | 185                  |
| acres   | 69,368          | 3,865               | 6,615                  | 7,139                  | 9,597                  | 5,227                |
| Total woodland . . . . . farms  | 27,818          | 287                 | 504                    | 959                    | 1,725                  | 1,784                |
| acres   | 1,224,237       | 47,068              | 57,642                 | 78,961                 | 122,881                | 99,356               |
| Woodland pastured . . . . . farms   | 5,316           | 37                  | 70                     | 133                    | 261                    | 317                  |
| acres   | 162,169         | 7,340               | 5,278                  | 8,334                  | 13,921                 | 13,180               |
| Woodland not pastured . . . . . farms   | 24,853          | 263                 | 471                    | 897                    | 1,610                  | 1,610                |
| acres   | 1,062,068       | 39,728              | 52,364                 | 70,627                 | 108,960                | 86,176               |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms                           | 11,447          | 51                  | 95                     | 215                    | 415                    | 432                  |
| acres   | 254,062         | 5,545               | 6,249                  | 10,389                 | 23,584                 | 20,354               |
| Land in house lots, ponds, roads, wasteland, etc. . . . . farms   | 35,435          | 455                 | 694                    | 1,319                  | 2,239                  | 2,125                |
| acres   | 681,085         | 37,475              | 35,255                 | 57,900                 | 73,971                 | 51,151               |
| Irrigated land . . . . . farms  | 4,413           | 324                 | 343                    | 462                    | 608                    | 529                  |
| acres   | 456,278         | 164,417             | 99,177                 | 95,962                 | 51,873                 | 21,140               |
| Harvested cropland . . . . . farms  | 4,244           | 324                 | 343                    | 462                    | 603                    | 527                  |
| acres   | 453,968         | (D)                 | (D)                    | (D)                    | 51,461                 | 20,989               |
| Pastureland and other land . . . . . farms  | 235             | 1                   | 2                      | 2                      | 19                     | 11                   |
| acres   | 2,310           | (D)                 | (D)                    | (D)                    | 412                    | 151                  |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>  |                 |                     |                        |                        |                        |                      |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms  | 6,593           | 82                  | 157                    | 235                    | 324                    | 253                  |
| acres   | 296,666         | 7,984               | 8,360                  | 10,171                 | 14,886                 | 13,015               |
| Land used to raise certified organically produced crops (see text) . . . . . farms  | 281             | -                   | 1                      | 6                      | 24                     | 30                   |
| acres   | 25,386          | -                   | (D)                    | 1,880                  | 6,568                  | 5,950                |
| Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms                                      | 7,921           | 336                 | 615                    | 1,181                  | 1,648                  | 1,200                |
| acres   | 3,401,787       | 581,976             | 710,906                | 885,528                | 708,302                | 273,285              |
| <b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>   |                 |                     |                        |                        |                        |                      |
| Estimated market value of land and buildings . . . . . farms  | 53,296          | 600                 | 954                    | 1,906                  | 3,208                  | 3,265                |
| \$1,000   | 27,143,604      | 2,632,537           | 2,760,980              | 3,653,556              | 3,838,836              | 2,382,658            |
| Average per farm . . . . . dollars  | 509,299         | 4,387,562           | 2,894,109              | 1,916,871              | 1,196,644              | 729,757              |
| Average per acre . . . . . dollars  | 2,667           | 2,557               | 2,291                  | 2,184                  | 2,295                  | 2,512                |
| Farms by value group:   |                 |                     |                        |                        |                        |                      |
| \$1 to \$49,999 . . . . .   | 3,811           | 10                  | 20                     | 17                     | 23                     | 83                   |
| \$50,000 to \$99,999 . . . . .  | 5,335           | 4                   | 9                      | 19                     | 36                     | 92                   |
| \$100,000 to \$199,999 . . . . .  | 13,564          | 8                   | 13                     | 25                     | 89                     | 267                  |
| \$200,000 to \$499,999 . . . . .  | 17,482          | 26                  | 43                     | 162                    | 576                    | 923                  |
| \$500,000 to \$999,999 . . . . .  | 6,913           | 48                  | 110                    | 381                    | 870                    | 1,295                |
| \$1,000,000 to \$1,999,999 . . . . .  | 3,640           | 106                 | 239                    | 564                    | 1,149                  | 422                  |
| \$2,000,000 to \$4,999,999 . . . . .  | 2,074           | 213                 | 364                    | 653                    | 426                    | 179                  |
| \$5,000,000 to \$9,999,999 . . . . .  | 396             | 129                 | 137                    | 81                     | 38                     | 4                    |
| \$10,000,000 or more . . . . .  | 81              | 56                  | 19                     | 4                      | 1                      | -                    |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to \$49,999 | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000   |
|---|----------------------|----------------------|--------------------|--------------------|--------------------|---------------------|
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>  |                      |                      |                    |                    |                    |                     |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                                       |                      |                      |                    |                    |                    |                     |
| Patronage dividends and refunds from cooperatives (see text) . . . . . farms \$1,000  | 392<br>338           | 309<br>391           | 121<br>39          | 79<br>35           | 60<br>21           | 54<br>36            |
| Other farm-related income sources (see text) . . . . . farms \$1,000  | 522<br>2,648         | 745<br>3,316         | 432<br>2,894       | 303<br>2,401       | 406<br>2,811       | 980<br>13,348       |
| <b>LAND USE</b>   |                      |                      |                    |                    |                    |                     |
| Total cropland . . . . . farms acres  | 3,950<br>599,880     | 6,293<br>571,607     | 5,153<br>313,113   | 4,910<br>222,522   | 6,762<br>225,853   | 11,110<br>342,120   |
| Harvested cropland . . . . . farms acres  | 3,849<br>510,696     | 5,963<br>430,690     | 4,454<br>187,118   | 3,713<br>101,704   | 4,357<br>84,333    | 6,328<br>98,932     |
| Farms by acres harvested:   |                      |                      |                    |                    |                    |                     |
| 1 to 49 acres . . . . .   | 856                  | 2,119                | 3,057              | 3,207              | 4,073              | 6,061               |
| 50 to 99 acres . . . . .  | 605                  | 2,280                | 1,124              | 454                | 255                | 214                 |
| 100 to 199 acres . . . . .  | 1,555                | 1,395                | 239                | 45                 | 25                 | 47                  |
| 200 to 499 acres . . . . .  | 810                  | 169                  | 33                 | 6                  | 4                  | 6                   |
| 500 to 999 acres . . . . .  | 22                   | -                    | 1                  | 1                  | -                  | -                   |
| 1,000 to 1,999 acres . . . . .  | 1                    | -                    | -                  | -                  | -                  | -                   |
| 2,000 acres or more . . . . .   | -                    | -                    | -                  | -                  | -                  | -                   |
| Cropland-   |                      |                      |                    |                    |                    |                     |
| For pasture or grazing only . . . . . farms acres   | 1,126<br>45,105      | 1,908<br>60,213      | 1,772<br>41,944    | 1,694<br>34,884    | 2,291<br>36,088    | 5,259<br>79,067     |
| On which all crops failed . . . . . farms acres   | 241<br>5,154         | 399<br>7,941         | 311<br>6,569       | 298<br>3,552       | 365<br>5,545       | 961<br>20,626       |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms acres | 822<br>32,954        | 1,505<br>64,106      | 1,547<br>72,284    | 1,864<br>78,786    | 2,935<br>94,591    | 4,388<br>135,288    |
| In cultivated summer fallow . . . . . farms acres   | 250<br>5,971         | 417<br>8,657         | 316<br>5,198       | 235<br>3,596       | 285<br>5,296       | 446<br>8,207        |
| Total woodland . . . . . farms acres  | 2,167<br>102,071     | 3,538<br>142,169     | 3,014<br>119,154   | 3,005<br>105,213   | 4,061<br>131,899   | 6,774<br>217,823    |
| Woodland pastured . . . . . farms acres   | 398                  | 776                  | 655                | 541                | 712                | 1,416               |
| Woodland not pastured . . . . . farms acres   | 14,415               | 24,267               | 18,087             | 10,839             | 13,786             | 32,722              |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms acres                           | 1,959<br>87,656      | 3,125<br>117,902     | 2,642<br>101,067   | 2,694<br>94,374    | 3,640<br>118,113   | 5,942<br>185,101    |
| Land in house lots, ponds, roads, wasteland, etc. . . . . farms acres   | 651<br>21,602        | 1,205<br>33,415      | 1,174<br>23,492    | 1,221<br>21,581    | 1,700<br>25,706    | 4,288<br>62,145     |
| Irrigated land . . . . . farms acres  | 2,764<br>54,314      | 4,366<br>75,394      | 3,627<br>56,571    | 3,708<br>61,367    | 5,126<br>73,732    | 9,012<br>103,955    |
| Harvested cropland . . . . . farms acres  | 482<br>10,386        | 563<br>6,789         | 351<br>2,690       | 221<br>1,020       | 232<br>1,076       | 298<br>1,748        |
| Pastureland and other land . . . . . farms acres  | 478<br>10,343        | 554<br>6,740         | 336<br>2,337       | 217<br>987         | 201<br>827         | 199<br>871          |
| CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES   |                      |                      |                    |                    |                    |                     |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms acres  | 340<br>18,089        | 573<br>42,281        | 758<br>54,014      | 1,106<br>57,066    | 2,013<br>58,009    | 752<br>12,791       |
| Land used to raise certified organically produced crops (see text) . . . . . farms acres  | 39<br>2,591          | 59<br>3,689          | 41<br>2,306        | 37<br>816          | 25<br>1,122        | 19<br>(D)           |
| Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms acres                                      | 992<br>134,584       | 953<br>75,132        | 388<br>17,198      | 226<br>6,518       | 203<br>3,986       | 179<br>4,372        |
| <b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>  |                      |                      |                    |                    |                    |                     |
| Estimated market value of land and buildings . . . . . farms \$1,000  | 3,875<br>1,905,622   | 6,645<br>2,394,139   | 5,620<br>1,588,211 | 5,609<br>1,355,992 | 8,131<br>1,631,987 | 13,483<br>2,999,085 |
| Average per farm . . . . . dollars  | 491,773              | 360,292              | 282,600            | 241,753            | 200,712            | 222,435             |
| Average per acre . . . . . dollars  | 2,509                | 2,996                | 3,182              | 3,310              | 3,570              | 4,131               |
| Farms by value group:   |                      |                      |                    |                    |                    |                     |
| \$1 to \$49,999 . . . . .   | 166                  | 282                  | 481                | 446                | 858                | 1,425               |
| \$50,000 to \$99,999 . . . . .  | 110                  | 519                  | 532                | 742                | 1,293              | 1,979               |
| \$100,000 to \$199,999 . . . . .  | 536                  | 1,508                | 1,561              | 1,848              | 3,001              | 4,708               |
| \$200,000 to \$499,999 . . . . .  | 1,710                | 2,996                | 2,291              | 2,099              | 2,480              | 4,176               |
| \$500,000 to \$999,999 . . . . .  | 979                  | 974                  | 632                | 356                | 414                | 854                 |
| \$1,000,000 to \$1,999,999 . . . . .  | 293                  | 265                  | 111                | 100                | 80                 | 311                 |
| \$2,000,000 to \$4,999,999 . . . . .  | 79                   | 100                  | 11                 | 16                 | 3                  | 30                  |
| \$5,000,000 to \$9,999,999 . . . . .  | 2                    | -                    | 1                  | 2                  | 2                  | -                   |
| \$10,000,000 or more . . . . .  | -                    | 1                    | -                  | -                  | -                  | -                   |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms                                       | \$1,000,000 or more      | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|--|---|--------------------------|------------------------|------------------------|------------------------|----------------------|
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>        |   |                          |                        |                        |                        |                      |
| Estimated market value of all machinery and equipment      | farms<br>\$1,000<br>3,761,334                   | 50,891<br>600<br>432,516 | 954<br>409,304         | 1,906<br>569,288       | 3,208<br>565,571       | 3,265<br>403,991     |
| Farms by value group:                                      |   |                          |                        |                        |                        |                      |
| \$1 to \$4,999   | 7,859   | 1                        | 1                      | 1                      | 7                      | 51                   |
| \$5,000 to \$9,999   | 6,747   | -                        | 1                      | 4                      | 10                     | 140                  |
| \$10,000 to \$19,999                                       | 7,922   | 5                        | 11                     | 20                     | 85                     | 173                  |
| \$20,000 to \$49,999                                       | 12,075  | 10                       | 28                     | 89                     | 352                    | 528                  |
| \$50,000 to \$99,999                                       | 6,659   | 21                       | 58                     | 106                    | 588                    | 931                  |
| \$100,000 to \$199,999                                     | 4,515   | 59                       | 113                    | 420                    | 1,067                  | 853                  |
| \$200,000 to \$499,999                                     | 3,831   | 202                      | 409                    | 988                    | 940                    | 504                  |
| \$500,000 or more  | 1,283   | 302                      | 333                    | 278                    | 159                    | 85                   |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>        |   |                          |                        |                        |                        |                      |
| Tractors   | farms<br>number<br>137,474                      | 47,627<br>590<br>4,977   | 939<br>6,339           | 1,870<br>11,219        | 3,155<br>15,580        | 3,112<br>12,506      |
| Less than 40 horsepower (PTO)                              | farms<br>number<br>27,941                       | 287                      | 455                    | 874                    | 1,612                  | 1,536                |
| 40 to 99 horsepower (PTO)                                  | farms<br>number<br>32,722                       | 935<br>451               | 1,012<br>770           | 2,200<br>1,619         | 2,890<br>2,653         | 2,891<br>2,540       |
| 100 horsepower (PTO) or more                               | farms<br>number<br>15,011                       | 1,896<br>456             | 2,271<br>773           | 4,325<br>1,512         | 6,670<br>2,416         | 5,776<br>2,027       |
| 30,269   | 2,146   | 3,056                    | 4,694                  | 6,020                  |                        | 3,839                |
| Grain and bean combines (see text)                         | farms<br>number<br>14,308                       | 12,487<br>282<br>406     | 599<br>768             | 1,262<br>1,473         | 1,872<br>2,201         | 1,757<br>1,998       |
| Cotton pickers and strippers                               | farms<br>number<br>-                            | -                        | -                      | -                      | -                      | -                    |
| Forage harvesters, self-propelled (see text)               | farms<br>number<br>2,240                        | 1,933<br>108             | 144                    | 176                    | 249                    | 130                  |
| Hay balers   | farms<br>number<br>18,508<br>23,012             | 18,508<br>145<br>189     | 357<br>763<br>489      | 763<br>1,041           | 1,350<br>1,786         | 1,257<br>1,632       |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>               |   |                          |                        |                        |                        |                      |
| Commercial fertilizer, lime, and soil conditioners         | farms<br>acres treated<br>5,476,283             | 25,388<br>532            | 886                    | 1,772                  | 2,858                  | 2,863                |
| Manure   | farms<br>acres treated<br>11,955<br>700,621     | 250                      | 906,783<br>436         | 1,237,816<br>814       | 1,133,966<br>1,260     | 560,575<br>1,067     |
| Acres treated with chemicals to control:                   |   |                          |                        |                        |                        |                      |
| Insects  | farms<br>acres<br>990,827                       | 8,314<br>394             | 529                    | 896                    | 1,153                  | 971                  |
| Weeds, grass, or brush                                     | farms<br>acres<br>18,709                        | 219,450<br>424           | 193,605<br>730         | 232,943<br>1,430       | 150,504<br>980,462     | 78,680<br>487,624    |
| Nematodes  | farms<br>acres<br>4,387,194                     | 971                      | 58                     | 51                     | 102                    | 82                   |
| Diseases in crops and orchards                             | farms<br>acres<br>86,159                        | 86,159<br>28,391         | 11,936                 | 15,909                 | 12,067                 | 3,208                |
| 3,315  | 3,315<br>209                                    | 244                      | 381                    | 412                    | 372                    |                      |
| 346,183  | 110,906   | 76,490                   | 72,014                 | 36,576                 |                        | 17,716               |
| Chemicals used to control growth, thin fruit, or defoliate | farms<br>acres on which used<br>1,062<br>86,216 | 95                       | 94                     | 138                    | 163                    | 91                   |
| TENURE   |   |                          |                        |                        |                        |                      |
| Full owners  | farms<br>14,199                                 | 37,089<br>170            | 196                    | 344                    | 864                    | 1,248                |
| Part owners  | farms<br>2,027                                  | 14,199<br>380            | 688                    | 1,444                  | 2,241                  | 1,777                |
| Tenants  | farms<br>-                                      | 50                       | 62                     | 86                     | 166                    | 210                  |
| <b>OWNED AND RENTED LAND</b>                               |   |                          |                        |                        |                        |                      |
| Land owned   | farms<br>acres<br>6,811,257                     | 51,404<br>551            | 887                    | 1,788                  | 3,110                  | 3,036                |
| Owned land in farms  | farms<br>acres<br>51,288                        | 481,788<br>550           | 532,158<br>884         | 757,453<br>1,788       | 904,683<br>3,105       | 606,984<br>3,025     |
| Land rented or leased from others                          | farms<br>acres<br>3,908,154                     | 16,374<br>431            | 752                    | 1,532                  | 2,413                  | 1,995                |
| Rented or leased land in farms                             | farms<br>acres<br>16,226                        | 574,656<br>430           | 671,357<br>750         | 881,567<br>1,530       | 797,267<br>2,407       | 361,234<br>1,987     |
| Land rented or leased to others                            | farms<br>acres<br>3,870,614                     | 568,069                  | 668,023                | 874,209                | 793,747                | 359,034              |
| 8,026  | 96  | 81                       | 166                    | 265                    | 349                    |                      |
| 576,453  | 28,325  | 12,314                   | 27,284                 | 32,852                 |                        | 32,112               |
| <b>NUMBER OF OPERATORS</b>                                 |   |                          |                        |                        |                        |                      |
| Total operators  | number<br>79,883                                | 1,389                    | 1,902                  | 3,352                  | 5,214                  | 4,796                |
| Farms by number of operators:                              |   |                          |                        |                        |                        |                      |
| 1 operator   | 31,833  | 168                      | 347                    | 853                    | 1,829                  | 1,982                |
| 2 operators  | 18,086  | 211                      | 349                    | 686                    | 1,080                  | 1,039                |
| 3 operators  | 2,376   | 132                      | 171                    | 243                    | 278                    | 155                  |
| 4 operators  | 693   | 57                       | 62                     | 70                     | 50                     | 42                   |
| 5 or more operators  | 327   | 32                       | 17                     | 22                     | 34                     | 17                   |
| Total women operators                                      | number<br>22,560                                | 198                      | 269                    | 604                    | 1,081                  | 1,007                |
| Farms by number of women operators:                        |   |                          |                        |                        |                        |                      |
| 1 operator   | 19,397  | 150                      | 204                    | 494                    | 895                    | 892                  |
| 2 operators  | 1,238   | 17                       | 28                     | 41                     | 85                     | 47                   |
| 3 operators  | 152   | 3                        | 3                      | 8                      | 4                      | 7                    |
| 4 operators  | 28  | -                        | -                      | 1                      | 1                      | -                    |
| 5 or more operators  | 16  | 1                        | -                      | -                      | -                      | -                    |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999                        | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|--|---|----------------------|--------------------|--------------------|--------------------|-------------------|
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>        |   |                      |                    |                    |                    |                   |
| Estimated market value of all machinery and equipment      | farms<br>\$1,000<br>3,867<br>340,852        |                      | 6,645<br>367,469   | 5,604<br>205,759   | 5,571<br>135,468   | 8,045<br>142,472  |
| Farms by value group:                                      |   |                      |                    |                    |                    |                   |
| \$1 to \$4,999   | 93  | 254                  | 524                | 973                | 2,537              | 3,417             |
| \$5,000 to \$9,999   | 178   | 451                  | 850                | 975                | 1,671              | 2,467             |
| \$10,000 to \$19,999                                       | 402   | 960                  | 1,131              | 1,266              | 1,548              | 2,321             |
| \$20,000 to \$49,999                                       | 1,013                                       | 2,462                | 1,918              | 1,799              | 1,737              | 2,139             |
| \$50,000 to \$99,999                                       | 1,114                                       | 1,684                | 783                | 384                | 372                | 618               |
| \$100,000 to \$199,999                                     | 729   | 527                  | 302                | 124                | 147                | 174               |
| \$200,000 to \$499,999                                     | 253   | 278                  | 89                 | 50                 | 28                 | 90                |
| \$500,000 or more  | 85  | 29                   | 7                  | -                  | 5                  | -                 |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>        |   |                      |                    |                    |                    |                   |
| Tractors   | farms<br>number<br>3,696<br>12,549          |                      | 6,256<br>18,649    | 5,293<br>12,605    | 5,153<br>11,025    | 7,292<br>14,311   |
| Less than 40 horsepower (PTO)                              | farms<br>number<br>1,919<br>3,447           |                      | 3,506<br>5,888     | 3,084<br>4,966     | 3,066<br>4,879     | 4,851<br>7,219    |
| 40 to 99 horsepower (PTO)                                  | farms<br>number<br>2,929<br>6,014           |                      | 4,922<br>9,547     | 3,763<br>6,405     | 3,543<br>5,194     | 4,208<br>6,172    |
| 100 horsepower (PTO) or more                               | farms<br>number<br>2,017<br>3,088           |                      | 2,408<br>3,214     | 939<br>1,234       | 748<br>952         | 806<br>920        |
| Grain and bean combines (see text)                         | farms<br>number<br>1,580<br>1,771           |                      | 2,206<br>2,544     | 877<br>951         | 663<br>739         | 660<br>711        |
| Cotton pickers and strippers                               | farms<br>number<br>-                        |                      | -                  | -                  | -                  | -                 |
| Forage harvesters, self-propelled (see text)               | farms<br>number<br>125<br>157               |                      | 237<br>272         | 215<br>249         | 157<br>166         | 200<br>244        |
| Hay balers   | farms<br>number<br>1,629<br>2,190           |                      | 2,730<br>3,514     | 2,290<br>2,823     | 2,157<br>2,650     | 2,598<br>3,049    |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>               |   |                      |                    |                    |                    |                   |
| Commercial fertilizer, lime, and soil conditioners         | farms<br>acres treated<br>3,034<br>366,372  |                      | 4,466<br>285,295   | 2,759<br>90,064    | 1,861<br>42,620    | 1,924<br>34,232   |
| Manure   | farms<br>acres treated<br>1,087<br>37,938   |                      | 1,860<br>45,739    | 1,434<br>24,399    | 975<br>14,381      | 922<br>9,631      |
| Acres treated with chemicals to control:                   |   |                      |                    |                    |                    |                   |
| Insects  | farms<br>acres<br>921<br>53,176             |                      | 1,161<br>32,953    | 678<br>11,736      | 524<br>7,373       | 500<br>4,666      |
| Weeds, grass, or brush                                     | farms<br>acres<br>2,268<br>284,508          |                      | 3,506<br>218,888   | 1,938<br>55,721    | 1,281<br>25,237    | 1,164<br>16,398   |
| Nematodes  | farms<br>acres<br>143<br>8,361              |                      | 183<br>5,552       | 37<br>118          | 50<br>213          | 45<br>227         |
| Diseases in crops and orchards                             | farms<br>acres<br>379<br>12,289             |                      | 449<br>10,390      | 286<br>2,818       | 259<br>4,130       | 166<br>1,346      |
| Chemicals used to control growth, thin fruit, or defoliate | farms<br>acres on which used<br>68<br>1,689 |                      | 111<br>2,166       | 78<br>761          | 97<br>1,234        | 48<br>343         |
| <b>TENURE</b>  |   |                      |                    |                    |                    |                   |
| Full owners  | farms<br>2,021                              |                      | 4,100              | 4,118              | 4,643              | 6,918             |
| Part owners  | farms<br>1,804                              |                      | 2,101              | 1,233              | 793                | 777               |
| Tenants  | farms<br>257                                |                      | 401                | 239                | 158                | 169               |
| <b>OWNED AND RENTED LAND</b>                               |   |                      |                    |                    |                    |                   |
| Land owned   | farms<br>acres<br>3,840<br>581,912          |                      | 6,223<br>713,801   | 5,368<br>492,522   | 5,450<br>437,157   | 7,707<br>507,351  |
| Owned land in farms  | farms<br>acres<br>3,825<br>533,873          |                      | 6,201<br>637,632   | 5,351<br>435,310   | 5,436<br>374,681   | 7,695<br>427,044  |
| Land rented or leased from others                          | farms<br>acres<br>2,077<br>247,190          |                      | 2,532<br>188,835   | 1,496<br>79,236    | 966<br>37,152      | 966<br>32,134     |
| Rented or leased land in farms                             | farms<br>acres<br>2,061<br>243,994          |                      | 2,502<br>184,953   | 1,472<br>77,020    | 951<br>36,002      | 946<br>30,146     |
| Land rented or leased to others                            | farms<br>acres<br>528<br>51,235             |                      | 1,078<br>80,051    | 973<br>59,428      | 1,044<br>63,626    | 1,451<br>82,295   |
| <b>NUMBER OF OPERATORS</b>                                 |   |                      |                    |                    |                    |                   |
| Total operators  | number<br>5,891                             |                      | 9,460              | 8,099              | 8,000              | 11,277            |
| Farms by number of operators:                              |   |                      |                    |                    |                    |                   |
| 1 operator   | 2,391                                       |                      | 4,246              | 3,518              | 3,496              | 4,978             |
| 2 operators  | 1,275                                       |                      | 2,022              | 1,805              | 1,897              | 2,567             |
| 3 operators  | 155   |                      | 238                | 181                | 144                | 200               |
| 4 operators  | 34  |                      | 65                 | 61                 | 33                 | 84                |
| 5 or more operators  | 27  |                      | 31                 | 25                 | 24                 | 35                |
| Total women operators                                      | number<br>1,324                             |                      | 2,334              | 2,305              | 2,451              | 3,483             |
| Farms by number of women operators:                        |   |                      |                    |                    |                    |                   |
| 1 operator   | 1,162                                       |                      | 2,036              | 1,966              | 2,234              | 3,011             |
| 2 operators  | 69  |                      | 113                | 116                | 89                 | 171               |
| 3 operators  | 8   |                      | 14                 | 14                 | 13                 | 27                |
| 4 operators  | -   |                      | 5                  | 5                  | -                  | -                 |
| 5 or more operators  | -   |                      | 2                  | 4                  | -                  | 7                 |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms      | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|--|----------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |                |                     |                        |                        |                        |                      |
| Sex of operator:   |                |                     |                        |                        |                        |                      |
| Male .....   | 47,411         | 589                 | 931                    | 1,824                  | 3,174                  | 3,108                |
| Female .....   | 5,904          | 11                  | 15                     | 50                     | 97                     | 127                  |
| Primary occupation:  |                |                     |                        |                        |                        |                      |
| Farming .....  | 29,071         | 567                 | 892                    | 1,740                  | 2,887                  | 2,525                |
| Other .....  | 24,244         | 33                  | 54                     | 134                    | 384                    | 710                  |
| Place of residence:  |                |                     |                        |                        |                        |                      |
| On farm operated .....                                       | 46,192         | 416                 | 784                    | 1,666                  | 2,948                  | 2,876                |
| Not on farm operated .....                                   | 7,123          | 184                 | 162                    | 208                    | 323                    | 359                  |
| Days worked off farm:  |                |                     |                        |                        |                        |                      |
| None .....   | 23,109         | 534                 | 803                    | 1,460                  | 2,148                  | 1,635                |
| Any .....  | 30,206         | 66                  | 143                    | 414                    | 1,123                  | 1,600                |
| 1 to 49 days .....   | 2,751          | 18                  | 48                     | 149                    | 261                    | 224                  |
| 50 to 99 days .....  | 1,598          | 7                   | 16                     | 41                     | 113                    | 121                  |
| 100 to 199 days .....  | 3,510          | 12                  | 12                     | 62                     | 203                    | 263                  |
| 200 days or more .....                                       | 22,347         | 29                  | 67                     | 162                    | 546                    | 992                  |
| Years on present farm:                                       |                |                     |                        |                        |                        |                      |
| 2 years or less .....  | 1,537          | 7                   | 10                     | 21                     | 46                     | 50                   |
| 3 or 4 years .....   | 3,154          | 25                  | 21                     | 31                     | 72                     | 108                  |
| 5 to 9 years .....   | 8,777          | 61                  | 50                     | 120                    | 254                    | 332                  |
| 10 years or more .....                                       | 39,847         | 507                 | 865                    | 1,702                  | 2,899                  | 2,745                |
| Average years on present farm .....                          | 21.5           | 24.6                | 26.7                   | 26.1                   | 26.5                   | 25.6                 |
| Age group:   |                |                     |                        |                        |                        |                      |
| Under 25 years .....   | 435            | 1                   | 2                      | 15                     | 23                     | 44                   |
| 25 to 34 years .....   | 2,532          | 30                  | 29                     | 120                    | 180                    | 200                  |
| 35 to 44 years .....   | 10,489         | 151                 | 243                    | 442                    | 726                    | 737                  |
| 45 to 49 years .....   | 7,462          | 102                 | 161                    | 339                    | 502                    | 423                  |
| 50 to 54 years .....   | 7,765          | 99                  | 164                    | 300                    | 524                    | 426                  |
| 55 to 59 years .....   | 6,666          | 87                  | 127                    | 267                    | 424                    | 374                  |
| 60 to 64 years .....   | 6,014          | 63                  | 93                     | 162                    | 377                    | 349                  |
| 65 to 69 years .....   | 4,407          | 33                  | 48                     | 124                    | 236                    | 259                  |
| 70 years and over .....                                      | 7,545          | 34                  | 79                     | 105                    | 279                    | 423                  |
| Average age .....  | 54.2           | 50.8                | 51.8                   | 50.7                   | 52.1                   | 52.9                 |
| Spanish, Hispanic, or Latino origin (see text) .....         | 828            | 8                   | 9                      | 17                     | 41                     | 63                   |
| Race:  |                |                     |                        |                        |                        |                      |
| White .....  | 52,795         | 600                 | 942                    | 1,867                  | 3,261                  | 3,212                |
| Black or African American .....                              | 184            | -                   | -                      | 1                      | 4                      | 13                   |
| American Indian or Alaska Native .....                       | 146            | -                   | 1                      | 4                      | 1                      | 5                    |
| Native Hawaiian or Other Pacific Islander .....              | 13             | -                   | -                      | -                      | 1                      | -                    |
| Asian .....  | 30             | -                   | -                      | -                      | 2                      | -                    |
| More than one race reported .....                            | 147            | -                   | 3                      | 2                      | 2                      | 5                    |
| Operators living on an American Indian reservation .....     | 76             | 1                   | -                      | -                      | 2                      | 12                   |
| Farms by number of persons living in operator's household:   |                |                     |                        |                        |                        |                      |
| 1 person .....   | 5,692          | 22                  | 55                     | 125                    | 247                    | 305                  |
| 2 people .....   | 24,554         | 232                 | 368                    | 753                    | 1,367                  | 1,453                |
| 3 people .....   | 7,823          | 80                  | 126                    | 265                    | 492                    | 435                  |
| 4 people .....   | 8,162          | 97                  | 177                    | 377                    | 572                    | 511                  |
| 5 or more people .....                                       | 7,084          | 169                 | 220                    | 354                    | 593                    | 531                  |
| Percent of operator's total household income from farming:   |                |                     |                        |                        |                        |                      |
| Less than 25 percent .....                                   | 34,565         | 27                  | 73                     | 203                    | 569                    | 988                  |
| 25 to 49 percent .....                                       | 5,262          | 34                  | 68                     | 156                    | 315                    | 499                  |
| 50 to 74 percent .....                                       | 4,734          | 58                  | 137                    | 288                    | 659                    | 704                  |
| 75 to 99 percent .....                                       | 3,083          | 111                 | 192                    | 363                    | 704                    | 417                  |
| 100 percent .....  | 4,646          | 288                 | 411                    | 786                    | 932                    | 546                  |
| Operator is a hired manager .....                            | farms<br>acres | 1,025<br>396,227    | 82<br>135,727          | 65<br>77,818           | 78<br>50,423           | 92<br>40,354         |
| Farms with-  |                |                     |                        |                        |                        |                      |
| Computer for farm business .....                             | 20,937         | 553                 | 756                    | 1,264                  | 1,901                  | 1,465                |
| Internet access .....  | 27,663         | 518                 | 713                    | 1,243                  | 1,889                  | 1,627                |
| Farms by number of households sharing in net income of farm: |                |                     |                        |                        |                        |                      |
| 1 household .....  | 43,032         | 180                 | 349                    | 1,051                  | 2,252                  | 2,478                |
| 2 households .....   | 6,815          | 142                 | 295                    | 479                    | 698                    | 539                  |
| 3 households .....   | 1,345          | 125                 | 154                    | 204                    | 141                    | 80                   |
| 4 households .....   | 603            | 35                  | 41                     | 38                     | 40                     | 33                   |
| 5 households or more .....                                   | 495            | 36                  | 42                     | 24                     | 48                     | 24                   |
| <b>F FARMS BY TYPE OF ORGANIZATION</b>                       |                |                     |                        |                        |                        |                      |
| Family or individual .....                                   | farms<br>acres | 48,070<br>7,430,707 | 161<br>289,985         | 414<br>513,557         | 1,240<br>1,082,247     | 2,593<br>1,325,952   |
| Partnership .....  | farms<br>acres | 3,172               | 197                    | 290                    | 388                    | 425                  |
| Registered under state law .....                             | farms<br>acres | 1,737,310<br>1,883  | 425,022<br>174         | 428,429<br>242         | 352,110<br>290         | 236,969<br>267       |
| Unincorporated corporation .....                             | farms<br>acres | 1,278,271           | 369,824                | 358,241                | 256,780                | 143,018              |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999 | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|--|----------------------|----------------------|--------------------|--------------------|--------------------|-------------------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |                      |                      |                    |                    |                    |                   |
| Sex of operator:   |                      |                      |                    |                    |                    |                   |
| Male .....   | 3,866                | 6,127                | 5,028              | 4,882              | 6,846              | 11,036            |
| Female .....   | 216                  | 475                  | 562                | 712                | 1,018              | 2,621             |
| Primary occupation:  |                      |                      |                    |                    |                    |                   |
| Farming .....  | 2,731                | 3,867                | 2,809              | 2,447              | 3,153              | 5,453             |
| Other .....  | 1,351                | 2,735                | 2,781              | 3,147              | 4,711              | 8,204             |
| Place of residence:  |                      |                      |                    |                    |                    |                   |
| On farm operated .....                                       | 3,588                | 5,639                | 4,853              | 4,825              | 6,691              | 11,906            |
| Not on farm operated .....                                   | 494                  | 963                  | 737                | 769                | 1,173              | 1,751             |
| Days worked off farm:  |                      |                      |                    |                    |                    |                   |
| None .....   | 1,739                | 2,578                | 2,131              | 2,042              | 2,946              | 5,093             |
| Any .....  | 2,343                | 4,024                | 3,459              | 3,552              | 4,918              | 8,564             |
| 1 to 49 days .....   | 258                  | 336                  | 264                | 268                | 389                | 536               |
| 50 to 99 days .....  | 160                  | 201                  | 182                | 158                | 218                | 381               |
| 100 to 199 days .....  | 310                  | 548                  | 400                | 409                | 519                | 772               |
| 200 days or more .....                                       | 1,615                | 2,939                | 2,613              | 2,717              | 3,792              | 6,875             |
| Years on present farm:                                       |                      |                      |                    |                    |                    |                   |
| 2 years or less .....  | 58                   | 155                  | 169                | 160                | 318                | 543               |
| 3 or 4 years .....   | 166                  | 310                  | 328                | 410                | 580                | 1,103             |
| 5 to 9 years .....   | 560                  | 998                  | 938                | 982                | 1,575              | 2,907             |
| 10 years or more .....                                       | 3,298                | 5,139                | 4,155              | 4,042              | 5,391              | 9,104             |
| Average years on present farm .....                          | 25.4                 | 23.4                 | 21.6               | 20.8               | 19.4               | 17.7              |
| Age group:   |                      |                      |                    |                    |                    |                   |
| Under 25 years .....   | 35                   | 69                   | 63                 | 54                 | 57                 | 72                |
| 25 to 34 years .....   | 251                  | 357                  | 300                | 222                | 351                | 492               |
| 35 to 44 years .....   | 717                  | 1,172                | 996                | 1,036              | 1,529              | 2,740             |
| 45 to 49 years .....   | 510                  | 831                  | 701                | 717                | 1,092              | 2,084             |
| 50 to 54 years .....   | 526                  | 843                  | 762                | 780                | 1,103              | 2,238             |
| 55 to 59 years .....   | 549                  | 807                  | 654                | 676                | 960                | 1,741             |
| 60 to 64 years .....   | 445                  | 791                  | 665                | 635                | 835                | 1,599             |
| 65 to 69 years .....   | 400                  | 623                  | 497                | 524                | 655                | 1,008             |
| 70 years and over .....                                      | 649                  | 1,109                | 952                | 950                | 1,282              | 1,683             |
| Average age .....  | 54.8                 | 55.1                 | 55.0               | 55.3               | 54.8               | 53.9              |
| Spanish, Hispanic, or Latino origin (see text) .....         | 75                   | 87                   | 72                 | 98                 | 127                | 231               |
| Race:  |                      |                      |                    |                    |                    |                   |
| White .....  | 4,051                | 6,547                | 5,543              | 5,523              | 7,784              | 13,465            |
| Black or African American .....                              | 13                   | 29                   | 15                 | 25                 | 32                 | 52                |
| American Indian or Alaska Native .....                       | 11                   | 8                    | 12                 | 23                 | 17                 | 64                |
| Native Hawaiian or Other Pacific Islander .....              | -                    | 1                    | -                  | 1                  | 6                  | 4                 |
| Asian .....  | 1                    | 5                    | 2                  | 4                  | -                  | 16                |
| More than one race reported .....                            | 6                    | 12                   | 18                 | 18                 | 25                 | 56                |
| Operators living on an American Indian reservation .....     | 3                    | 10                   | 8                  | 6                  | 13                 | 21                |
| Farms by number of persons living in operator's household:   |                      |                      |                    |                    |                    |                   |
| 1 person .....   | 461                  | 750                  | 670                | 668                | 938                | 1,451             |
| 2 people .....   | 1,900                | 3,197                | 2,662              | 2,670              | 3,667              | 6,285             |
| 3 people .....   | 584                  | 983                  | 771                | 813                | 1,051              | 2,223             |
| 4 people .....   | 629                  | 868                  | 802                | 813                | 1,258              | 2,058             |
| 5 or more people .....                                       | 508                  | 804                  | 685                | 630                | 950                | 1,640             |
| Percent of operator's total household income from farming:   |                      |                      |                    |                    |                    |                   |
| Less than 25 percent .....                                   | 1,852                | 4,167                | 4,209              | 4,560              | 6,446              | 11,471            |
| 25 to 49 percent .....                                       | 764                  | 1,081                | 653                | 423                | 536                | 733               |
| 50 to 74 percent .....                                       | 723                  | 672                  | 318                | 269                | 350                | 556               |
| 75 to 99 percent .....                                       | 302                  | 249                  | 139                | 143                | 204                | 259               |
| 100 percent .....  | 354                  | 314                  | 180                | 139                | 237                | 459               |
| Operator is a hired manager .....                            | farms<br>acres       | 87<br>13,610         | 119<br>18,973      | 91<br>9,741        | 60<br>4,568        | 91<br>5,065       |
| Farms with-  |                      |                      |                    |                    |                    |                   |
| Computer for farm business .....                             | 1,671                | 2,523                | 1,967              | 1,851              | 2,497              | 4,489             |
| Internet access .....  | 1,917                | 3,154                | 2,708              | 2,761              | 3,829              | 7,304             |
| Farms by number of households sharing in net income of farm: |                      |                      |                    |                    |                    |                   |
| 1 household .....  | 3,281                | 5,366                | 4,673              | 4,779              | 6,750              | 11,873            |
| 2 households .....   | 550                  | 872                  | 655                | 609                | 796                | 1,180             |
| 3 households .....   | 91                   | 138                  | 72                 | 71                 | 91                 | 178               |
| 4 households .....   | 42                   | 53                   | 53                 | 50                 | 80                 | 138               |
| 5 households or more .....                                   | 31                   | 54                   | 46                 | 25                 | 56                 | 109               |
| <b>FARMS BY TYPE OF ORGANIZATION</b>                         |                      |                      |                    |                    |                    |                   |
| Family or individual .....                                   | farms<br>acres       | 3,694<br>706,538     | 6,079<br>746,305   | 5,238<br>474,742   | 5,320<br>382,370   | 7,517<br>428,399  |
| Partnership .....  | farms<br>acres       | 288                  | 354                | 232                | 166                | 220               |
| Registered under state law .....                             | farms<br>acres       | 59,301               | 54,536             | 23,882             | 16,970             | 19,593            |
| 143  | 168                  | 92                   | 61                 | 100                | 196                | 27,029            |
| 25,834   | 23,836               | 7,867                | 6,888              | 10,933             |                    |                   |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms        | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999    |
|--|------------------|---------------------|------------------------|------------------------|------------------------|-------------------------|
| <b>FARMS BY TYPE OF ORGANIZATION - Con.</b>  |                  |                     |                        |                        |                        |                         |
| Corporation .....  | farms<br>acres   | 1,817<br>911,349    | 237<br>291,520         | 236<br>(D)             | 244<br>(D)             | 246<br>101,882          |
| Family held .....  | farms<br>acres   | 1,683<br>875,773    | 216<br>278,483         | 230<br>242,986         | 232<br>167,685         | 232<br>98,110           |
| More than 10 stockholders .....  | farms<br>acres   | 24<br>8             | 5<br>4                 | 4<br>1                 | 2<br>1                 | -<br>-<br>150<br>33,305 |
| 10 or less stockholders .....  | farms            | 1,659               | 211                    | 226                    | 231                    | 230<br>150              |
| Other than family held .....   | farms<br>acres   | 134<br>35,576       | 21<br>13,037           | 6<br>(D)               | 12<br>(D)              | 14<br>3,772             |
| More than 10 stockholders .....  | farms<br>acres   | 16<br>118           | 3<br>18                | -<br>6                 | 1<br>11                | -<br>14<br>7<br>1,728   |
| 10 or less stockholders .....  | farms            |                     |                        |                        |                        | 7<br>-                  |
| Other-cooperative, estate or trust, institutional, etc .....                         | farms<br>acres   | 256<br>63,592       | 5<br>21,592            | 6<br>(D)               | 2<br>(D)               | 7<br>4,295              |
| <b>Hired Farm Labor</b>  |                  |                     |                        |                        |                        |                         |
| Hired farm labor .....   | farms<br>workers | 12,279<br>86,855    | 581<br>25,975          | 840<br>11,377          | 1,420<br>12,721        | 1,732<br>9,647          |
| Workers by days worked:  |                  |                     |                        |                        |                        |                         |
| 150 days or more .....   | farms<br>workers | 4,414<br>23,034     | 554<br>10,626          | 726<br>3,362           | 1,068<br>3,801         | 861<br>2,334            |
| Less than 150 days .....   | farms<br>workers | 10,635<br>63,821    | 448<br>15,349          | 621<br>8,015           | 1,051<br>8,920         | 1,405<br>7,313          |
| Migrant farm labor on farms with hired labor (see text) .....                        | farms            | 1,412               | 195                    | 191                    | 282                    | 191                     |
| Migrant farm labor on farms reporting only contract labor (see text) .....           | farms            | 143                 | -                      | 1                      | 17                     | -<br>8                  |
| <b>Farms by Size</b>   |                  |                     |                        |                        |                        |                         |
| 1 to 9 acres .....   |                  | 3,235               | 19                     | 42                     | 61                     | 93                      |
| 10 to 49 acres .....   |                  | 18,663              | 75                     | 49                     | 65                     | 158                     |
| 50 to 69 acres .....   |                  | 4,425               | 13                     | 3                      | 13                     | 62                      |
| 70 to 99 acres .....   |                  | 6,444               | 10                     | 11                     | 26                     | 109                     |
| 100 to 139 acres .....   |                  | 4,573               | 12                     | 10                     | 41                     | 104                     |
| 140 to 179 acres .....   |                  | 3,163               | 3                      | 8                      | 36                     | 115                     |
| 180 to 219 acres .....   |                  | 2,084               | 9                      | 11                     | 35                     | 126                     |
| 220 to 259 acres .....   |                  | 1,618               | 3                      | 9                      | 40                     | 135                     |
| 260 to 499 acres .....   |                  | 4,291               | 36                     | 91                     | 268                    | 821                     |
| 500 to 999 acres .....   |                  | 2,856               | 92                     | 206                    | 564                    | 1,238                   |
| 1,000 to 1,999 acres .....   |                  | 1,468               | 135                    | 292                    | 654                    | 301                     |
| 2,000 acres or more .....  |                  | 495                 | 193                    | 214                    | 71                     | 9<br>2                  |
| <b>Farms by North American Industry Classification (NAICS)</b>                       |                  |                     |                        |                        |                        |                         |
| Oilseed and grain farming (1111) .....   |                  | 13,465              | 65                     | 262                    | 731                    | 1,422                   |
| Vegetable and melon farming (1112) .....   |                  | 1,610               | 79                     | 92                     | 101                    | 144                     |
| Fruit and tree nut farming (1113) .....  |                  | 2,376               | 30                     | 50                     | 92                     | 199                     |
| Greenhouse, nursery, and floriculture production (1114) .....                        |                  | 3,170               | 126                    | 98                     | 151                    | 290                     |
| Other crop farming (1119) .....  |                  | 14,259              | 31                     | 68                     | 111                    | 181                     |
| Tobacco farming (11191) .....  |                  | -                   | -                      | -                      | -                      | -                       |
| Cotton farming (11192) .....   |                  | -                   | -                      | -                      | -                      | -                       |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... |                  | 14,259              | 31                     | 68                     | 111                    | 181                     |
| Beef cattle ranching and farming (112111) .....                                      |                  | 4,115               | 4                      | 12                     | 24                     | 69                      |
| Cattle feedlots (112112) .....   |                  | 2,232               | 27                     | 38                     | 49                     | 100                     |
| Dairy cattle and milk production (11212) .....                                       |                  | 2,489               | 145                    | 245                    | 521                    | 707                     |
| Hog and pig farming (1122) .....   |                  | 838                 | 56                     | 49                     | 74                     | 81                      |
| Poultry and egg production (1123) .....  |                  | 604                 | 31                     | 18                     | 5                      | 7                       |
| Sheep and goat farming (1124) .....  |                  | 942                 | -                      | 1                      | -                      | 5                       |
| Animal aquaculture and other animal production (1125, 1129) .....                    |                  | 7,215               | 6                      | 13                     | 15                     | 66                      |
| <b>Livestock</b>   |                  |                     |                        |                        |                        |                         |
| Cattle and calves inventory .....  | farms<br>number  | 14,495<br>998,204   | 217<br>242,913         | 398<br>144,553         | 805<br>171,290         | 1,287<br>145,263        |
| Farms with-  |                  |                     |                        |                        |                        |                         |
| 1 to 9 .....   |                  | 4,512               | 9                      | 8                      | 25                     | 58                      |
| 10 to 49 .....   |                  | 5,995               | 6                      | 18                     | 57                     | 183                     |
| 50 to 99 .....   |                  | 1,656               | 4                      | 18                     | 52                     | 350                     |
| 100 to 199 .....   |                  | 1,186               | 10                     | 32                     | 242                    | 544                     |
| 200 to 499 .....   |                  | 856                 | 18                     | 229                    | 407                    | 147                     |
| 500 or more .....  |                  | 290                 | 170                    | 93                     | 22                     | 5                       |
| Cows and heifers that had calved .....   | farms<br>number  | 10,730<br>415,993   | 164<br>109,613         | 310<br>57,684          | 631<br>67,663          | 956<br>57,932           |
| Beef cows .....  | farms<br>number  | 8,144<br>117,564    | 17<br>731              | 56<br>3,235            | 118<br>4,374           | 275<br>10,363           |
| Farms with-  |                  |                     |                        |                        |                        |                         |
| 1 to 9 .....   |                  | 4,299               | 3                      | 13                     | 33                     | 70                      |
| 10 to 49 .....   |                  | 3,463               | 8                      | 24                     | 57                     | 141                     |
| 50 to 99 .....   |                  | 286                 | 3                      | 8                      | 15                     | 33                      |
| 100 to 199 .....   |                  | 81                  | 2                      | 6                      | 11                     | 26                      |
| 200 to 499 .....   |                  | 14                  | 1                      | 5                      | 2                      | 4                       |
| 500 or more .....  |                  | 1                   | -                      | -                      | -                      | 1                       |

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See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999 | \$10,000 to \$24,999 | \$5,000 to \$9,999 | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|--|----------------------|----------------------|--------------------|--------------------|--------------------|-------------------|
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>  |                      |                      |                    |                    |                    |                   |
| Corporation .....  | farms 90             | 135                  | 91                 | 70                 | 81                 | 230               |
| acres 10,126   | 15,388               | 8,496                | 7,092              | 61                 | (D)                | 15,340            |
| Family held .....  | farms 83             | 121                  | 83                 | 61                 | 66                 | 209               |
| acres 9,486  | 14,455               | 8,219                | 5,990              | 1                  | 3,704              | 13,350            |
| More than 10 stockholders .....  | farms 1              | 3                    | 4                  | 3                  | -                  | -                 |
| 10 or less stockholders .....  | farms 82             | 118                  | 79                 | 58                 | 65                 | 209               |
| Other than family held .....   | farms 7              | 14                   | 8                  | 9                  | 15                 | 21                |
| acres 640  | 933                  | 277                  | 1,102              | (D)                | 1,990              | 1,990             |
| More than 10 stockholders .....  | farms 7              | 1                    | 2                  | 3                  | 1                  | 5                 |
| 10 or less stockholders .....  | farms 7              | 13                   | 6                  | 6                  | 14                 | 16                |
| Other-cooperative, estate or trust, institutional, etc .....                         | farms 10             | 34                   | 29                 | 38                 | 46                 | 66                |
| acres 1,902  | 6,356                | 5,210                | 4,251              | (D)                | 7,118              | 7,118             |
| <b>H HIRED FARM LABOR</b>  |                      |                      |                    |                    |                    |                   |
| Hired farm labor .....   | farms 1,124          | 1,366                | 926                | 712                | 669                | 1,646             |
| workers 4,648  | 4,549                | 2,841                | 1,833              | 1,720              | 1,720              | 4,998             |
| Workers by days worked:  |                      |                      |                    |                    |                    |                   |
| 150 days or more .....   | farms 157            | 127                  | 123                | 77                 | 129                | 231               |
| workers 350  | 198                  | 202                  | 102                | 130                | 864                | 864               |
| Less than 150 days .....   | farms 1,072          | 1,294                | 857                | 674                | 605                | 1,495             |
| workers 4,298  | 4,351                | 2,639                | 1,731              | 1,590              | 1,590              | 4,134             |
| Migrant farm labor on farms with hired labor (see text) .....                        | farms 125            | 123                  | 62                 | 29                 | -                  | 53                |
| Migrant farm labor on farms reporting only contract labor (see text) .....           | farms 3              | 19                   | 30                 | 10                 | 12                 | 43                |
| <b>F FARMS BY SIZE</b>   |                      |                      |                    |                    |                    |                   |
| 1 to 9 acres .....   | 113                  | 238                  | 310                | 351                | 630                | 1,288             |
| 10 to 49 acres .....   | 500                  | 1,196                | 1,848              | 2,326              | 4,212              | 7,963             |
| 50 to 69 acres .....   | 150                  | 642                  | 668                | 662                | 906                | 1,208             |
| 70 to 99 acres .....   | 337                  | 1,185                | 1,011              | 1,041              | 1,024              | 1,497             |
| 100 to 139 acres .....   | 464                  | 1,184                | 693                | 585                | 499                | 785               |
| 140 to 179 acres .....   | 636                  | 777                  | 458                | 282                | 286                | 361               |
| 180 to 219 acres .....   | 521                  | 518                  | 211                | 126                | 106                | 184               |
| 220 to 259 acres .....   | 450                  | 303                  | 139                | 79                 | 45                 | 128               |
| 260 to 499 acres .....   | 772                  | 465                  | 202                | 112                | 122                | 167               |
| 500 to 999 acres .....   | 118                  | 88                   | 40                 | 24                 | 27                 | 66                |
| 1,000 to 1,999 acres .....   | 20                   | 6                    | 9                  | 3                  | 6                  | 10                |
| 2,000 acres or more .....  | 1                    | -                    | 1                  | 3                  | 1                  | -                 |
| <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>                     |                      |                      |                    |                    |                    |                   |
| Oilseed and grain farming (1111) .....   | 1,763                | 2,513                | 1,472              | 990                | 951                | 1,854             |
| Vegetable and melon farming (1112) .....   | 161                  | 337                  | 211                | 148                | 109                | 56                |
| Fruit and tree nut farming (1113) .....  | 302                  | 409                  | 290                | 225                | 241                | 328               |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 349                  | 389                  | 259                | 196                | 297                | 702               |
| Other crop farming (1119) .....  | 573                  | 1,226                | 1,546              | 2,091              | 3,657              | 4,512             |
| Tobacco farming (11191) .....  | -                    | -                    | -                  | -                  | -                  | -                 |
| Cotton farming (11192) .....   | -                    | -                    | -                  | -                  | -                  | -                 |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 573                  | 1,226                | 1,546              | 2,091              | 3,657              | 4,512             |
| Beef cattle ranching and farming (11211) .....                                       | 267                  | 585                  | 609                | 556                | 733                | 1,114             |
| Cattle feedlots (112112) .....   | 181                  | 413                  | 400                | 410                | 427                | 73                |
| Dairy cattle and milk production (11212) .....                                       | 252                  | 159                  | 13                 | 3                  | 2                  | 32                |
| Hog and pig farming (1122) .....   | 45                   | 75                   | 46                 | 62                 | 112                | 204               |
| Poultry and egg production (1123) .....  | 12                   | 21                   | 26                 | 43                 | 70                 | 354               |
| Sheep and goat farming (1124) .....  | 11                   | 50                   | 84                 | 132                | 266                | 385               |
| Animal aquaculture and other animal production (1125, 1129) .....                    | 166                  | 425                  | 634                | 738                | 999                | 4,043             |
| <b>L LIVESTOCK</b>   |                      |                      |                    |                    |                    |                   |
| Cattle and calves inventory .....  | farms 1,401          | 2,125                | 1,657              | 1,406              | 1,568              | 2,471             |
| number 60,060  | 63,066               | 33,327               | 19,951             | 16,589             | 23,549             |                   |
| Farms with-  |                      |                      |                    |                    |                    |                   |
| 1 to 9 .....   | 173                  | 410                  | 517                | 677                | 947                | 1,620             |
| 10 to 49 .....   | 806                  | 1,362                | 1,036              | 685                | 599                | 820               |
| 50 to 99 .....   | 312                  | 304                  | 91                 | 41                 | 17                 | 15                |
| 100 to 199 .....   | 99                   | 48                   | 13                 | 3                  | 5                  | 14                |
| 200 to 499 .....   | 11                   | 1                    | -                  | -                  | -                  | 2                 |
| 500 or more .....  | -                    | -                    | -                  | -                  | -                  | -                 |
| Cows and heifers that had calved .....   | farms 988            | 1,564                | 1,236              | 1,015              | 1,155              | 1,891             |
| number 23,509  | 26,691               | 15,360               | 9,350              | 7,989              | 11,340             |                   |
| Beef cows .....  | farms 733            | 1,390                | 1,196              | 998                | 1,130              | 1,822             |
| number 17,828  | 24,578               | 15,185               | 9,285              | 7,885              | 11,164             |                   |
| Farms with-  |                      |                      |                    |                    |                    |                   |
| 1 to 9 .....   | 199                  | 454                  | 530                | 605                | 836                | 1,456             |
| 10 to 49 .....   | 431                  | 876                  | 656                | 389                | 292                | 359               |
| 50 to 99 .....   | 92                   | 60                   | 10                 | 4                  | 2                  | 7                 |
| 100 to 199 .....   | 11                   | -                    | -                  | -                  | -                  | -                 |
| 200 to 499 .....   | -                    | -                    | -                  | -                  | -                  | -                 |
| 500 or more .....  | -                    | -                    | -                  | -                  | -                  | -                 |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | All farms          | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|---|--------------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>LIVESTOCK - Con.</b>   |                    |                     |                        |                        |                        |                      |
| Cattle and calves inventory - Con.                                      |                    |                     |                        |                        |                        |                      |
| Cows and heifers that had calved - Con.                                 |                    |                     |                        |                        |                        |                      |
| Milk cows ..... farms number  | 3,013<br>298,429   | 151<br>108,882      | 271<br>54,449          | 555<br>63,289          | 755<br>47,569          | 477<br>15,926        |
| Farms with-   |                    |                     |                        |                        |                        |                      |
| 1 to 4 .....  | 378                | -                   | -                      | 3                      | 9                      | 15                   |
| 5 to 9 .....  | 131                | -                   | -                      | 2                      | 6                      | 18                   |
| 10 to 49 .....  | 940                | -                   | 8                      | 11                     | 203                    | 376                  |
| 50 to 99 .....  | 723                | 2                   | 10                     | 173                    | 468                    | 64                   |
| 100 to 199 .....  | 546                | 5                   | 117                    | 351                    | 69                     | 4                    |
| 200 to 499 .....  | 217                | 66                  | 136                    | 15                     | -                      | -                    |
| 500 or more .....   | 78                 | 78                  | -                      | -                      | -                      | -                    |
| Other cattle (see text) ..... farms number                              | 12,711<br>582,211  | 215<br>133,300      | 391<br>86,869          | 786<br>103,627         | 1,227<br>87,331        | 1,122<br>48,781      |
| Cattle and calves sold ..... farms number                               | 11,293<br>516,107  | 210<br>171,731      | 390<br>75,130          | 781<br>74,647          | 1,256<br>68,352        | 1,128<br>38,093      |
| Calves weighing less than 500 pounds ..... farms number                 | \$1,000<br>298,517 | 101,153             | 44,888                 | 43,491                 | 39,947                 | 22,415               |
| Cattle, including calves weighing 500 pounds or more ..... farms number | 4,348<br>149,974   | 137<br>56,280       | 217<br>23,434          | 405<br>19,714          | 583<br>16,624          | 455<br>9,347         |
| Cattle on feed (see text) ..... farms number                            | 4,590<br>207,660   | 76<br>84,142        | 163<br>32,147          | 274<br>28,082          | 450<br>25,763          | 437<br>12,604        |
| Hogs and pigs inventory ..... farms number                              | 2,180<br>927,400   | 82<br>486,463       | 83<br>159,458          | 114<br>131,052         | 172<br>78,691          | 158<br>26,043        |
| Farms with-   |                    |                     |                        |                        |                        |                      |
| 1 to 24 .....   | 1,291              | 2                   | 7                      | 8                      | 32                     | 53                   |
| 25 to 49 .....  | 184                | -                   | -                      | 7                      | 8                      | 12                   |
| 50 to 99 .....  | 151                | 1                   | 1                      | 1                      | 13                     | 31                   |
| 100 to 199 .....  | 120                | -                   | 2                      | 2                      | 18                     | 11                   |
| 200 to 499 .....  | 129                | 3                   | 6                      | 13                     | 38                     | 40                   |
| 500 or more .....   | 305                | 76                  | 67                     | 83                     | 63                     | 11                   |
| Used or to be used for breeding ..... farms number                      | 1,006<br>103,430   | 25<br>64,784        | 28<br>7,849            | 49<br>12,371           | 91<br>6,416            | 102<br>3,228         |
| Other hogs and pigs ..... farms number                                  | 2,007<br>823,970   | 81<br>421,679       | 82<br>151,609          | 112<br>118,681         | 164<br>72,275          | 145<br>22,815        |
| Hogs and pigs sold ..... farms number                                   | 2,336<br>2,789,197 | 84<br>1,784,130     | 84<br>398,278          | 123<br>333,693         | 188<br>168,131         | 182<br>42,283        |
| Sheep and lambs of all ages inventory (see text) ..... farms number     | 2,236<br>88,541    | 4<br>(D)            | 10<br>(D)              | 31<br>5,234            | 82<br>13,786           | 95<br>7,091          |
| Ewes 1 year old or older ..... farms number                             | 1,980<br>46,649    | 3<br>(D)            | 8<br>(D)               | 27<br>2,064            | 71<br>5,468            | 77<br>3,891          |
| Sheep and lambs sold ..... farms number                                 | 1,377<br>67,556    | 1<br>(D)            | 8<br>(D)               | 19<br>7,536            | 68<br>15,171           | 69<br>6,120          |
| Horses and ponies inventory ..... farms number                          | 14,988<br>104,949  | 21<br>178           | 57<br>498              | 120<br>1,111           | 298<br>2,607           | 407<br>3,282         |
| Horses and ponies sold ..... farms number                               | 3,238<br>11,615    | 6<br>(D)            | 7<br>(D)               | 15<br>363              | 63<br>942              | 118<br>655           |
| Goats, All inventory ..... farms number                                 | 2,163<br>21,094    | 2<br>(D)            | 11<br>(D)              | 15<br>178              | 51<br>332              | 61<br>2,407          |
| Goats sold ..... farms number   | 646<br>8,120       | -<br>-              | 4<br>12                | 6<br>42                | 13<br>393              | 22<br>1,101          |
| <b>POULTRY</b>  |                    |                     |                        |                        |                        |                      |
| Layers 20 weeks old and older inventory ..... farms number              | 3,491<br>7,308,261 | 16<br>6,847,455     | 15<br>241,288          | 29<br>92,689           | 66<br>3,809            | 121<br>23,297        |
| Farms with-   |                    |                     |                        |                        |                        |                      |
| 1 to 399 .....  | 3,442              | 1                   | 11                     | 23                     | 65                     | 116                  |
| 400 to 3,199 .....  | 23                 | -                   | -                      | 3                      | 1                      | 2                    |
| 3,200 to 9,999 .....  | 5                  | -                   | 1                      | -                      | -                      | 3                    |
| 10,000 to 19,999 .....  | -                  | -                   | -                      | -                      | -                      | -                    |
| 20,000 to 49,999 .....  | 4                  | -                   | 1                      | 3                      | -                      | -                    |
| 50,000 to 99,999 .....  | 4                  | 3                   | 1                      | -                      | -                      | -                    |
| 100,000 or more .....   | 13                 | 12                  | 1                      | -                      | -                      | -                    |
| Pullets for laying flock replacement inventory ..... farms number       | 812<br>1,799,012   | 7<br>1,264,976      | 7<br>(D)               | 9<br>(D)               | 15<br>986              | 28<br>968            |
| Layers and pullets sold (see text) ..... farms number                   | 725<br>6,995,451   | 16<br>5,583,327     | 7<br>938,930           | 10<br>418,674          | 11<br>5,374            | 22<br>9,087          |
| Broilers and other meat-type chickens sold ..... farms number           | 659<br>4,027,972   | 4<br>2,510,000      | 5<br>1,278,100         | 3<br>244               | 9<br>(D)               | 29<br>23,318         |
| Farms with-   |                    |                     |                        |                        |                        |                      |
| 1 to 1,999 .....  | 640                | -                   | 1                      | 3                      | 7                      | 27                   |
| 2,000 to 59,999 .....   | 10                 | -                   | -                      | -                      | 1                      | 2                    |
| 60,000 to 99,999 .....  | 1                  | -                   | -                      | -                      | 1                      | -                    |
| 100,000 or more .....   | 8                  | 4                   | 4                      | -                      | -                      | -                    |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to \$49,999              | \$10,000 to \$24,999   | \$5,000 to \$9,999     | \$2,500 to \$4,999    | \$1,000 to \$2,499    | Less than \$1,000  |
|---|-----------------------------------|------------------------|------------------------|-----------------------|-----------------------|--------------------|
| <b>LIVESTOCK - Con.</b>   |                                   |                        |                        |                       |                       |                    |
| Cattle and calves inventory - Con.<br>Cows and heifers that had calved - Con. |                                   |                        |                        |                       |                       |                    |
| Milk cows ..... farms number  | 304<br>5,681                      | 222<br>2,113           | 68<br>175              | 34<br>65              | 59<br>104             | 117<br>176         |
| Farms with-   |                                   |                        |                        |                       |                       |                    |
| 1 to 4 .....  | 32                                | 54                     | 56                     | 33                    | 59                    | 117                |
| 5 to 9 .....  | 27                                | 67                     | 10                     | 1                     | -                     | -                  |
| 10 to 49 .....  | 239                               | 101                    | 2                      | -                     | -                     | -                  |
| 50 to 99 .....  | 6                                 | -                      | -                      | -                     | -                     | -                  |
| 100 to 199 .....  | -                                 | -                      | -                      | -                     | -                     | -                  |
| 200 to 499 .....  | -                                 | -                      | -                      | -                     | -                     | -                  |
| 500 or more .....   | -                                 | -                      | -                      | -                     | -                     | -                  |
| Other cattle (see text) ..... farms number                                    | 1,325<br>36,551                   | 1,984<br>36,375        | 1,470<br>17,967        | 1,183<br>10,601       | 1,233<br>8,600        | 1,775<br>12,209    |
| Cattle and calves sold ..... farms number                                     | 1,301<br>33,193                   | 1,979<br>29,423        | 1,490<br>13,710        | 1,220<br>7,157        | 1,274<br>4,243        | 264<br>428         |
| Calves weighing less than 500 pounds ..... farms number                       | \$1,000<br>488<br>9,235           | 17,994<br>684<br>7,306 | 16,186<br>508<br>4,066 | 7,050<br>405<br>2,368 | 3,365<br>370<br>1,386 | 1,865<br>162<br>96 |
| Cattle, including calves weighing 500 pounds or more ..... farms number       | 1,191<br>23,958                   | 1,823<br>22,117        | 1,357<br>9,644         | 1,090<br>4,789        | 1,105<br>2,857        | 176<br>214         |
| Cattle on feed (see text) ..... farms number                                  | 546<br>9,408                      | 894<br>8,602           | 655<br>3,749           | 549<br>1,983          | 470<br>1,087          | 76<br>93           |
| Hogs and pigs inventory ..... farms number                                    | 208<br>18,041                     | 323<br>13,670          | 251<br>4,844           | 208<br>2,799          | 248<br>2,182          | 333<br>4,157       |
| Farms with-   |                                   |                        |                        |                       |                       |                    |
| 1 to 24 .....   | 84                                | 187                    | 189                    | 183                   | 231                   | 315                |
| 25 to 49 .....  | 35                                | 48                     | 34                     | 12                    | 13                    | 15                 |
| 50 to 99 .....  | 28                                | 39                     | 21                     | 11                    | 4                     | 1                  |
| 100 to 199 .....  | 40                                | 38                     | 7                      | 2                     | -                     | -                  |
| 200 to 499 .....  | 19                                | 10                     | -                      | -                     | -                     | -                  |
| 500 or more .....   | 2                                 | 1                      | -                      | -                     | -                     | 2                  |
| Used or to be used for breeding ..... farms number                            | 123<br>2,173                      | 181<br>2,401           | 106<br>943             | 86<br>436             | 100<br>437            | 115<br>2,392       |
| Other hogs and pigs ..... farms number  | 197<br>15,868                     | 297<br>11,269          | 229<br>3,901           | 190<br>2,363          | 215<br>1,745          | 295<br>1,765       |
| Hogs and pigs sold ..... farms number   | 239<br>27,014<br>\$1,000<br>2,075 | 386<br>21,257<br>1,621 | 287<br>7,105<br>505    | 258<br>3,804<br>301   | 278<br>2,500<br>194   | 227<br>1,002<br>81 |
| Sheep and lambs of all ages inventory (see text) ..... farms number           | 155<br>9,922                      | 266<br>13,770          | 259<br>10,001          | 321<br>9,521          | 433<br>8,715          | 580<br>6,562       |
| Ewes 1 year old or older ..... farms number                                   | 140<br>5,305                      | 231<br>8,328           | 230<br>6,377           | 294<br>5,894          | 383<br>4,946          | 516<br>3,785       |
| Sheep and lambs sold ..... farms number                                       | 92<br>4,992                       | 176<br>8,957           | 215<br>6,932           | 239<br>5,506          | 294<br>4,457          | 196<br>1,401       |
| Horses and ponies inventory ..... farms number                                | 615<br>5,230                      | 1,256<br>10,857        | 1,399<br>10,868        | 1,566<br>10,155       | 2,081<br>11,537       | 7,168<br>48,626    |
| Horses and ponies sold ..... farms number                                     | 188<br>1,389                      | 489<br>2,087           | 639<br>1,996           | 694<br>1,617          | 831<br>1,261          | 188<br>242         |
| Goats, All inventory ..... farms number                                       | 87<br>1,346                       | 176<br>1,623           | 218<br>1,982           | 269<br>2,305          | 418<br>4,298          | 855<br>6,522       |
| Goats sold ..... farms number   | 31<br>784                         | 51<br>537              | 88<br>1,210            | 107<br>1,045          | 166<br>1,975          | 158<br>1,021       |
| <b>POULTRY</b>  |                                   |                        |                        |                       |                       |                    |
| Layers 20 weeks old and older inventory ..... farms number                    | 223<br>17,263                     | 363<br>16,678          | 398<br>13,308          | 440<br>13,732         | 599<br>15,671         | 1,221<br>23,071    |
| Farms with-   |                                   |                        |                        |                       |                       |                    |
| 1 to 399 .....  | 215                               | 358                    | 394                    | 439                   | 599                   | 1,221              |
| 400 to 3,199 .....  | 7                                 | 5                      | 4                      | 1                     | -                     | -                  |
| 3,200 to 9,999 .....  | 1                                 | -                      | -                      | -                     | -                     | -                  |
| 10,000 to 19,999 .....  | -                                 | -                      | -                      | -                     | -                     | -                  |
| 20,000 to 49,999 .....  | -                                 | -                      | -                      | -                     | -                     | -                  |
| 50,000 to 99,999 .....  | -                                 | -                      | -                      | -                     | -                     | -                  |
| 100,000 or more .....   | -                                 | -                      | -                      | -                     | -                     | -                  |
| Pullets for laying flock replacement inventory ..... farms number             | 54<br>4,902                       | 104<br>4,663           | 97<br>3,093            | 99<br>2,751           | 146<br>4,893          | 246<br>3,990       |
| Layers and pullets sold (see text) ..... farms number                         | 59<br>15,421                      | 82<br>7,016            | 87<br>4,527            | 113<br>4,407          | 169<br>5,375          | 149<br>3,313       |
| Broilers and other meat-type chickens sold ..... farms number                 | 56<br>28,061                      | 106<br>37,974          | 76<br>13,602           | 119<br>8,597          | 119<br>(D)            | 133<br>5,574       |
| Farms with-   |                                   |                        |                        |                       |                       |                    |
| 1 to 1,999 .....  | 53                                | 104                    | 74                     | 119                   | 119                   | 133                |
| 2,000 to 59,999 .....   | 3                                 | 2                      | 2                      | -                     | -                     | -                  |
| 60,000 to 99,999 .....  | -                                 | -                      | -                      | -                     | -                     | -                  |
| 100,000 or more .....   | -                                 | -                      | -                      | -                     | -                     | -                  |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | All farms                 | \$1,000,000 or more                | \$500,000 to \$999,999       | \$250,000 to \$499,999       | \$100,000 to \$249,999         | \$50,000 to \$99,999           |
|------------------------------------|---------------------------|------------------------------------|------------------------------|------------------------------|--------------------------------|--------------------------------|
| <b>POULTRY - Con.</b>              |                           |                                    |                              |                              |                                |                                |
| Turkeys inventory .....            | farms<br>number           | 612<br>1,204,019                   | 10<br>1,001,338              | 11<br>188,536                | 4<br>(D)                       | 18<br>(D)                      |
| Turkeys sold .....                 | farms<br>number           | 366<br>3,306,299                   | 11<br>2,867,589              | 11<br>403,375                | 3<br>20                        | 21<br>9<br>(D)                 |
| <b>CROPS HARVESTED</b>             |                           |                                    |                              |                              |                                |                                |
| Corn for grain .....               | farms<br>acres<br>bushels | 13,613<br>2,007,021<br>234,709,542 | 333<br>304,851<br>39,505,958 | 666<br>365,103<br>46,299,303 | 1,391<br>481,008<br>58,296,168 | 2,134<br>415,320<br>46,775,059 |
| Irrigated .....                    | farms<br>acres            | 857<br>180,261                     | 98<br>50,461                 | 129<br>46,076                | 183<br>47,420                  | 160<br>21,522                  |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 3,908                              | 5                            | 8                            | 26                             | 93                             |
| 25 to 99 acres .....               |                           | 4,694                              | 14                           | 32                           | 149                            | 474                            |
| 100 to 249 acres .....             |                           | 2,770                              | 40                           | 132                          | 446                            | 940                            |
| 250 to 499 acres .....             |                           | 1,318                              | 70                           | 201                          | 424                            | 549                            |
| 500 acres or more .....            |                           | 923                                | 204                          | 293                          | 346                            | 78                             |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 3,362<br>233,601<br>3,447,251      | 159<br>64,873<br>1,085,120   | 285<br>46,068<br>700,641     | 564<br>48,850<br>716,835       | 722<br>39,887<br>536,579       |
| Irrigated .....                    | farms<br>acres            | 125<br>9,918                       | 32<br>5,020                  | 24<br>1,930                  | 35<br>2,138                    | 16<br>525                      |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 1,365                              | 1                            | 12                           | 45                             | 151                            |
| 25 to 99 acres .....               |                           | 1,348                              | 14                           | 72                           | 328                            | 472                            |
| 100 to 249 acres .....             |                           | 493                                | 46                           | 165                          | 176                            | 92                             |
| 250 to 499 acres .....             |                           | 94                                 | 48                           | 27                           | 12                             | 7                              |
| 500 acres or more .....            |                           | 62                                 | 50                           | 9                            | 3                              | -                              |
| Sorghum for grain .....            | farms<br>acres<br>bushels | 22<br>559<br>21,255                | 1<br>(D)<br>(D)              | -<br>-                       | 3<br>(D)<br>7,170              | 6<br>57<br>3,760               |
| Irrigated .....                    | farms<br>acres            | 1<br>(D)                           | -                            | -                            | -                              | -                              |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 15                                 | -                            | -                            | 1                              | 5                              |
| 25 to 99 acres .....               |                           | 5                                  | 1                            | -                            | 1                              | 1                              |
| 100 to 249 acres .....             |                           | 2                                  | -                            | -                            | 1                              | -                              |
| 250 to 499 acres .....             |                           | -                                  | -                            | -                            | -                              | -                              |
| 500 acres or more .....            |                           | -                                  | -                            | -                            | -                              | -                              |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 6,561<br>433,783<br>28,248,938     | 188<br>41,478<br>2,893,263   | 408<br>64,524<br>4,435,574   | 809<br>94,066<br>6,468,216     | 1,236<br>102,238<br>6,710,097  |
| Irrigated .....                    | farms<br>acres            | 81<br>5,396                        | 10<br>3,228                  | 9<br>657                     | 13<br>696                      | 16<br>374                      |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 2,291                              | 13                           | 25                           | 72                             | 175                            |
| 25 to 99 acres .....               |                           | 2,972                              | 54                           | 160                          | 363                            | 662                            |
| 100 to 249 acres .....             |                           | 1,047                              | 69                           | 144                          | 297                            | 364                            |
| 250 to 499 acres .....             |                           | 204                                | 30                           | 60                           | 71                             | 35                             |
| 500 acres or more .....            |                           | 47                                 | 22                           | 19                           | 6                              | -                              |
| Barley for grain .....             | farms<br>acres<br>bushels | 400<br>11,620<br>576,461           | 8<br>475<br>32,820           | 13<br>1,026<br>65,436        | 48<br>2,679<br>145,423         | 80<br>2,786<br>132,912         |
| Irrigated .....                    | farms<br>acres            | 7<br>63                            | -<br>-                       | 1<br>(D)                     | 2<br>(D)                       | -<br>-                         |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 256                                | 3                            | 7                            | 12                             | 38                             |
| 25 to 99 acres .....               |                           | 124                                | 3                            | 4                            | 30                             | 36                             |
| 100 to 249 acres .....             |                           | 17                                 | 2                            | -                            | 6                              | 6                              |
| 250 to 499 acres .....             |                           | 3                                  | -                            | 2                            | -                              | 1                              |
| 500 acres or more .....            |                           | -                                  | -                            | -                            | -                              | -                              |
| Oats for grain .....               | farms<br>acres<br>bushels | 2,756<br>63,485<br>3,994,940       | 24<br>2,552<br>194,253       | 91<br>4,581<br>299,217       | 226<br>9,992<br>715,891        | 387<br>13,000<br>871,685       |
| Irrigated .....                    | farms<br>acres            | 32<br>519                          | -<br>-                       | 6<br>77                      | 1<br>(D)                       | 1<br>(D)                       |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 1,972                              | 5                            | 32                           | 88                             | 192                            |
| 25 to 99 acres .....               |                           | 706                                | 13                           | 47                           | 111                            | 174                            |
| 100 to 249 acres .....             |                           | 75                                 | 4                            | 12                           | 27                             | 20                             |
| 250 to 499 acres .....             |                           | 2                                  | 1                            | -                            | -                              | 1                              |
| 500 acres or more .....            |                           | 1                                  | 1                            | -                            | -                              | -                              |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 91<br>2,275<br>3,381,523           | 1<br>(D)<br>(D)              | 1<br>(D)<br>(D)              | 3<br>(D)<br>(D)                | 18<br>1,037<br>1,801,730       |
| Irrigated .....                    | farms<br>acres            | 3<br>(D)                           | -<br>-                       | -<br>-                       | -<br>-                         | 1<br>(D)                       |
| Farms by acres harvested:          |                           |                                    |                              |                              |                                |                                |
| 1 to 24 acres .....                |                           | 78                                 | -                            | 1                            | 2                              | 12                             |
| 25 to 99 acres .....               |                           | 8                                  | 1                            | -                            | -                              | 2                              |
| 100 to 249 acres .....             |                           | 4                                  | -                            | -                            | -                              | 4                              |
| 250 to 499 acres .....             |                           | 1                                  | -                            | -                            | 1                              | -                              |
| 500 acres or more .....            |                           | -                                  | -                            | -                            | -                              | -                              |
| Soybeans for beans .....           | farms<br>acres<br>bushels | 11,683<br>2,055,424<br>78,197,248  | 257<br>204,571<br>8,596,024  | 524<br>304,419<br>12,548,872 | 1,103<br>469,862<br>18,269,622 | 1,821<br>491,214<br>18,406,247 |
| Irrigated .....                    | farms<br>acres            | 558<br>84,180                      | 56<br>19,165                 | 73<br>18,129                 | 120<br>24,957                  | 107<br>13,258                  |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | \$25,000 to \$49,999      | \$10,000 to \$24,999           | \$5,000 to \$9,999            | \$2,500 to \$4,999           | \$1,000 to \$2,499       | Less than \$1,000                               |
|------------------------------------|---------------------------|--------------------------------|-------------------------------|------------------------------|--------------------------|---|
| <b>POULTRY - Con.</b>              |                           |                                |                               |                              |                          |   |
| Turkeys inventory .....            | farms<br>number           | 29<br>5,033                    | 64<br>795                     | 59<br>912                    | 99<br>1,601              | 104<br>634                                      |
| Turkeys sold .....                 | farms<br>number           | 33<br>7,025                    | 34<br>1,496                   | 48<br>1,256                  | 61<br>2,930              | 66<br>1,006<br>(D)                              |
| <b>CROPS HARVESTED</b>             |                           |                                |                               |                              |                          |   |
| Corn for grain .....               | farms<br>acres<br>bushels | 1,990<br>121,205<br>12,255,053 | 2,507<br>88,611<br>8,341,968  | 1,184<br>24,933<br>2,061,419 | 656<br>10,147<br>694,998 | 561<br>6,147<br>369,820<br>2,214<br>109,285     |
| Irrigated .....                    | farms<br>acres            | 82<br>3,895                    | 50<br>1,504                   | 18<br>196                    | 10<br>64                 | 10<br>117<br>10<br>13                           |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |   |
| 1 to 24 acres .....                |                           | 393                            | 1,005                         | 789                          | 553                      | 521<br>318                                      |
| 25 to 99 acres .....               |                           | 1,258                          | 1,420                         | 394                          | 102                      | 40<br>8   |
| 100 to 249 acres .....             |                           | 332                            | 81                            | 1                            | 1                        | -   |
| 250 to 499 acres .....             |                           | 7                              | 1                             | -                            | -                        | -   |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -   |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 350<br>7,923<br>94,055         | 373<br>6,237<br>71,191        | 192<br>2,764<br>29,020       | 77<br>961<br>10,163      | 78<br>817<br>7,482<br>60<br>660<br>6,884        |
| Irrigated .....                    | farms<br>acres            | 3<br>(D)                       | 1<br>(D)                      | 3<br>15                      | 1<br>(D)                 | 1<br>(D)  |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |   |
| 1 to 24 acres .....                |                           | 231                            | 293                           | 168                          | 70                       | 74<br>51  |
| 25 to 99 acres .....               |                           | 117                            | 79                            | 24                           | 6                        | 4<br>9  |
| 100 to 249 acres .....             |                           | 2                              | 1                             | -                            | 1                        | -   |
| 250 to 499 acres .....             |                           | -                              | -                             | -                            | -                        | -   |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -   |
| Sorghum for grain .....            | farms<br>acres<br>bushels | -<br>-<br>-                    | 4<br>61<br>1,900              | 3<br>(D)<br>(D)              | 2<br>(D)<br>(D)          | -<br>-<br>(D)                                   |
| Irrigated .....                    | farms<br>acres            | -<br>-                         | -<br>-                        | 1<br>(D)                     | -<br>-                   | -<br>-  |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |   |
| 1 to 24 acres .....                |                           | -                              | 3                             | 2                            | 2                        | -<br>1  |
| 25 to 99 acres .....               |                           | -                              | 1                             | -                            | -                        | -   |
| 100 to 249 acres .....             |                           | -                              | -                             | 1                            | -                        | -   |
| 250 to 499 acres .....             |                           | -                              | -                             | -                            | -                        | -   |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -   |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 973<br>37,039<br>2,183,000     | 1,063<br>27,956<br>1,561,193  | 430<br>8,161<br>409,225      | 236<br>3,297<br>155,024  | 178<br>2,004<br>89,365<br>45<br>210<br>7,730    |
| Irrigated .....                    | farms<br>acres            | 13<br>166                      | 8<br>153                      | 2<br>(D)                     | 2<br>(D)                 | 3<br>(D)  |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |   |
| 1 to 24 acres .....                |                           | 381                            | 647                           | 322                          | 207                      | 167<br>45                                       |
| 25 to 99 acres .....               |                           | 546                            | 402                           | 107                          | 29                       | 11  |
| 100 to 249 acres .....             |                           | 42                             | 14                            | 1                            | -                        | -   |
| 250 to 499 acres .....             |                           | 4                              | -                             | -                            | -                        | -   |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -   |
| Barley for grain .....             | farms<br>acres<br>bushels | 56<br>786<br>38,145            | 66<br>1,143<br>44,116         | 24<br>253<br>11,416          | 17<br>200<br>7,354       | 15<br>280<br>9,396<br>5<br>27<br>976            |
| Irrigated .....                    | farms<br>acres            | -<br>-                         | -<br>-                        | -<br>-                       | 1<br>(D)                 | -<br>-  |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |   |
| 1 to 24 acres .....                |                           | 50                             | 52                            | 22                           | 16                       | 9<br>5  |
| 25 to 99 acres .....               |                           | 5                              | 14                            | 2                            | 1                        | 6   |
| 100 to 249 acres .....             |                           | 1                              | -                             | -                            | -                        | -   |
| 250 to 499 acres .....             |                           | -                              | -                             | -                            | -                        | -   |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -   |
| Oats for grain .....               | farms<br>acres<br>bushels | 404<br>7,441<br>465,491        | 562<br>8,440<br>475,964       | 302<br>4,288<br>200,974      | 163<br>1,716<br>86,742   | 119<br>937<br>34,792<br>76<br>580<br>17,390     |
| Irrigated .....                    | farms<br>acres            | 4<br>(D)                       | 6<br>50                       | 6<br>76                      | 2<br>(D)                 | -<br>-  |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |   |
| 1 to 24 acres .....                |                           | 314                            | 473                           | 258                          | 152                      | 115<br>75                                       |
| 25 to 99 acres .....               |                           | 87                             | 88                            | 44                           | 11                       | 4<br>1  |
| 100 to 249 acres .....             |                           | 3                              | 1                             | -                            | -                        | -   |
| 250 to 499 acres .....             |                           | -                              | -                             | -                            | -                        | -   |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -   |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 6<br>109<br>107,105            | 22<br>358<br>337,697          | 8<br>59<br>(D)               | 13<br>48<br>34,200       | 7<br>(D)<br>34,250<br>(D)<br>3,650              |
| Irrigated .....                    | farms<br>acres            | -<br>-                         | 1<br>(D)                      | -<br>-                       | -<br>-                   | -<br>-  |
| Farms by acres harvested:          |                           |                                |                               |                              |                          |   |
| 1 to 24 acres .....                |                           | 5                              | 19                            | 8                            | 13                       | 7<br>3  |
| 25 to 99 acres .....               |                           | 1                              | 3                             | -                            | -                        | -   |
| 100 to 249 acres .....             |                           | -                              | -                             | -                            | -                        | -   |
| 250 to 499 acres .....             |                           | -                              | -                             | -                            | -                        | -   |
| 500 acres or more .....            |                           | -                              | -                             | -                            | -                        | -   |
| Soybeans for beans .....           | farms<br>acres<br>bushels | 1,867<br>173,332<br>6,119,226  | 2,201<br>115,715<br>3,895,198 | 1,065<br>34,319<br>1,061,336 | 629<br>13,753<br>371,197 | 473<br>6,855<br>159,899<br>104<br>997<br>17,603 |
| Irrigated .....                    | farms<br>acres            | 50<br>2,138                    | 48<br>1,715                   | 17<br>276                    | 12<br>177                | 5<br>64   |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | All farms                   | \$1,000,000 or more               | \$500,000 to \$999,999       | \$250,000 to \$499,999       | \$100,000 to \$249,999       | \$50,000 to \$99,999          |
|--|-----------------------------|-----------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|
| <b>CROPS HARVESTED - Con.</b>  |                             |                                   |                              |                              |                              |                               |
| Soybeans for beans - Con.  |                             |                                   |                              |                              |                              |                               |
| Farms by acres harvested:  |                             |                                   |                              |                              |                              |                               |
| 1 to 24 acres .....  | 2,079                       | 4                                 | 4                            | 17                           | 64                           | 76                            |
| 25 to 99 acres .....   | 4,526                       | 22                                | 64                           | 148                          | 306                          | 482                           |
| 100 to 249 acres .....   | 2,706                       | 44                                | 111                          | 265                          | 570                          | 858                           |
| 250 to 499 acres .....   | 1,357                       | 60                                | 105                          | 271                          | 651                          | 210                           |
| 500 acres or more .....  | 1,015                       | 127                               | 240                          | 402                          | 230                          | 13                            |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 1,587<br>259,026<br>4,862,193     | 48<br>35,558<br>713,890      | 143<br>57,990<br>1,154,465   | 311<br>72,690<br>1,383,554   | 348<br>52,365<br>930,618      |
| Irrigated .....  | farms<br>acres              | 82<br>13,183                      | 7<br>2,088                   | 20<br>4,232                  | 14<br>3,437                  | 15<br>2,228                   |
| Farms by acres harvested:  |                             |                                   |                              |                              |                              |                               |
| 1 to 24 acres .....  | 239                         | -                                 | -                            | 9                            | 15                           | 24                            |
| 25 to 99 acres .....   | 594                         | 3                                 | 8                            | 51                           | 111                          | 157                           |
| 100 to 249 acres .....   | 419                         | 7                                 | 38                           | 116                          | 168                          | 65                            |
| 250 to 499 acres .....   | 236                         | 5                                 | 51                           | 118                          | 51                           | 10                            |
| 500 acres or more .....  | 99                          | 33                                | 46                           | 17                           | 3                            | -                             |
| Potatoes .....   | farms<br>acres<br>cwt       | 395<br>45,840<br>14,212,892       | 34<br>31,362<br>10,413,704   | 41<br>8,058<br>2,357,496     | 28<br>2,989<br>715,881       | 51<br>2,427<br>532,394        |
| Irrigated .....  | farms<br>acres              | 191<br>38,016                     | 29<br>28,248                 | 36<br>6,814                  | 19<br>1,665                  | 20<br>916                     |
| Farms by acres harvested:  |                             |                                   |                              |                              |                              |                               |
| 0.1 to 4.9 acres .....   | 215                         | 1                                 | 1                            | 3                            | 14                           | 35                            |
| 5.0 to 24.9 acres .....  | 44                          | 1                                 | 3                            | 3                            | 7                            | 11                            |
| 25.0 to 99.9 acres .....   | 47                          | -                                 | 1                            | 11                           | 20                           | 14                            |
| 100.0 to 249.9 acres .....   | 45                          | 2                                 | 26                           | 7                            | 10                           | -                             |
| 250.0 acres or more .....  | 44                          | 30                                | 10                           | 4                            | -                            | -                             |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 989<br>180,054<br>3,324,568       | 62<br>41,810<br>803,705      | 159<br>55,984<br>1,051,390   | 263<br>49,908<br>908,626     | 250<br>23,083<br>405,905      |
| Irrigated .....  | farms<br>acres              | 46<br>(D)                         | 7<br>1,220                   | 14<br>1,476                  | 12<br>(D)                    | 8<br>427                      |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 22,067<br>1,212,603<br>3,557,828  | 205<br>71,367<br>296,829     | 409<br>98,409<br>396,298     | 865<br>143,358<br>556,269    | 1,462<br>178,767<br>622,453   |
| Irrigated .....  | farms<br>acres              | 454<br>17,414                     | 33<br>5,460                  | 30<br>2,707                  | 38<br>2,321                  | 44<br>2,030                   |
| Farms by acres harvested:  |                             |                                   |                              |                              |                              |                               |
| 1 to 24 acres .....  | 10,974                      | 17                                | 41                           | 110                          | 262                          | 383                           |
| 25 to 99 acres .....   | 7,871                       | 29                                | 64                           | 226                          | 550                          | 624                           |
| 100 to 249 acres .....   | 2,381                       | 42                                | 147                          | 367                          | 467                          | 304                           |
| 250 to 499 acres .....   | 632                         | 67                                | 107                          | 124                          | 139                          | 98                            |
| 500 acres or more .....  | 209                         | 50                                | 50                           | 38                           | 44                           | 17                            |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 18,122<br>806,713<br>2,355,909    | 129<br>23,357<br>94,262      | 333<br>46,907<br>174,065     | 757<br>81,699<br>300,203     | 1,323<br>125,291<br>446,265   |
| Irrigated .....  | farms<br>acres              | 305<br>7,580                      | 11<br>642                    | 21<br>863                    | 28<br>1,246                  | 39<br>1,748                   |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 3,762<br>149,403<br>267,751       | 21<br>1,306<br>3,307         | 49<br>3,386<br>9,724         | 72<br>5,639<br>13,687        | 142<br>11,177<br>27,110       |
| Irrigated .....  | farms<br>acres              | 65<br>1,149                       | 1<br>(D)                     | 4<br>(D)                     | -<br>(D)                     | 1<br>7<br>43                  |
| Land used for vegetables (see text) .....  | farms<br>acres              | 2,519<br>135,428<br>817<br>60,186 | 95<br>52,095<br>68<br>33,795 | 127<br>28,762<br>71<br>9,596 | 198<br>22,288<br>97<br>9,340 | 289<br>14,491<br>103<br>4,285 |
| Irrigated .....  | farms<br>acres              | -                                 | -                            | -                            | -                            | 298<br>8,299<br>97<br>1,793   |
| Farms by acres harvested:  |                             |                                   |                              |                              |                              |                               |
| 0.1 to 4.9 acres .....   | 1,039                       | 1                                 | 2                            | 14                           | 41                           | 37                            |
| 5.0 to 24.9 acres .....  | 732                         | 3                                 | 5                            | 22                           | 81                           | 139                           |
| 25.0 to 99.9 acres .....   | 415                         | 6                                 | 21                           | 68                           | 116                          | 118                           |
| 100.0 to 249.9 acres .....   | 194                         | 16                                | 49                           | 74                           | 51                           | 4                             |
| 250.0 acres or more .....  | 139                         | 69                                | 50                           | 20                           | -                            | -                             |
| Snap beans harvested for sale .....  | farms<br>acres              | 502<br>20,726                     | 27<br>7,875                  | 25<br>4,849                  | 37<br>4,231                  | 61<br>2,667                   |
| Harvested for processing .....   | farms<br>acres              | 107<br>17,212                     | 21<br>7,141                  | 13<br>3,440                  | 24<br>3,698                  | 24<br>2,305                   |
| Peas, green, harvested for sale .....  | farms<br>acres              | 160<br>1,149                      | 4<br>763                     | 3<br>(D)                     | 9<br>44                      | 16<br>54                      |
| Harvested for processing .....   | farms<br>acres              | 7<br>1,001                        | 3<br>753                     | 2<br>(D)                     | 1<br>(D)                     | -<br>(D)                      |
| Sweet corn harvested for sale .....  | farms<br>acres              | 982<br>10,885                     | 19<br>1,940                  | 19<br>1,208                  | 58<br>2,037                  | 129<br>2,414                  |
| Harvested for processing .....   | farms<br>acres              | 92<br>527                         | 2<br>(D)                     | -                            | 3<br>12                      | 7<br>79                       |
| Tomatoes harvested for sale .....  | farms<br>acres              | 831<br>6,041                      | 23<br>3,378                  | 21<br>916                    | 47<br>443                    | 95<br>667                     |
| Harvested for processing .....   | farms<br>acres              | 72<br>3,861                       | 12<br>3,017                  | 3<br>590                     | 5<br>11                      | 7<br>182                      |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | \$25,000 to \$49,999        | \$10,000 to \$24,999        | \$5,000 to \$9,999          | \$2,500 to \$4,999          | \$1,000 to \$2,499         | Less than \$1,000         |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| <b>CROPS HARVESTED - Con.</b>  |                             |                             |                             |                             |                            |                           |
| Soybeans for beans - Con.  |                             |                             |                             |                             |                            |                           |
| Farms by acres harvested:  |                             |                             |                             |                             |                            |                           |
| 1 to 24 acres .....  | 148                         | 409                         | 418                         | 437                         | 403                        | 99                        |
| 25 to 99 acres .....   | 1,018                       | 1,589                       | 632                         | 190                         | 70                         | 5                         |
| 100 to 249 acres .....   | 641                         | 200                         | 15                          | 2                           | -                          | -                         |
| 250 to 499 acres .....   | 57                          | 3                           | -                           | -                           | -                          | -                         |
| 500 acres or more .....  | 3                           | -                           | -                           | -                           | -                          | -                         |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 181<br>9,153<br>158,622     | 187<br>6,971<br>104,798     | 62<br>1,433<br>20,880       | 26<br>466<br>5,925         | 19<br>234<br>1,627        |
| Irrigated .....  | farms<br>acres              | 3<br>(D)                    | 7<br>206                    | 3<br>(D)                    | -                          | -                         |
| Farms by acres harvested:  |                             |                             |                             |                             |                            |                           |
| 1 to 24 acres .....  | 42                          | 66                          | 40                          | 20                          | 17                         | 6                         |
| 25 to 99 acres .....   | 120                         | 115                         | 21                          | 6                           | 2                          | -                         |
| 100 to 249 acres .....   | 18                          | 6                           | 1                           | -                           | -                          | -                         |
| 250 to 499 acres .....   | 1                           | -                           | -                           | -                           | -                          | -                         |
| 500 acres or more .....  | -                           | -                           | -                           | -                           | -                          | -                         |
| Potatoes .....   | farms<br>acres<br>cwt       | 34<br>130<br>29,124         | 59<br>116<br>21,937         | 35<br>49<br>7,218           | 16<br>12<br>2,105          | 22<br>32<br>1,499         |
| Irrigated .....  | farms<br>acres              | 12<br>23                    | 24<br>62                    | 13<br>9                     | 4<br>1                     | 5<br>17                   |
| Farms by acres harvested:  |                             |                             |                             |                             |                            |                           |
| 0.1 to 4.9 acres .....   | 24                          | 54                          | 34                          | 16                          | 18                         | 15                        |
| 5.0 to 24.9 acres .....  | 9                           | 5                           | 1                           | -                           | 4                          | -                         |
| 25.0 to 99.9 acres .....   | 1                           | -                           | -                           | -                           | -                          | -                         |
| 100.0 to 249.9 acres .....   | -                           | -                           | -                           | -                           | -                          | -                         |
| 250.0 acres or more .....  | -                           | -                           | -                           | -                           | -                          | -                         |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 73<br>2,285<br>37,595       | 46<br>847<br>13,730         | 13<br>(D)<br>(D)            | 1<br>(D)<br>(D)            | -<br>(D)<br>(D)           |
| Irrigated .....  | farms<br>acres              | -<br>-                      | 1<br>(D)                    | -                           | -                          | -                         |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 1,824<br>132,792<br>379,379 | 3,065<br>156,978<br>392,601 | 2,643<br>101,627<br>209,723 | 2,408<br>65,690<br>118,605 | 2,921<br>60,868<br>93,506 |
| Irrigated .....  | farms<br>acres              | 36<br>944                   | 39<br>742                   | 51<br>680                   | 34<br>345                  | 39<br>354                 |
| Farms by acres harvested:  |                             |                             |                             |                             |                            |                           |
| 1 to 24 acres .....  | 545                         | 1,057                       | 1,120                       | 1,341                       | 2,059                      | 4,039                     |
| 25 to 99 acres .....   | 807                         | 1,573                       | 1,364                       | 1,030                       | 840                        | 764                       |
| 100 to 249 acres .....   | 401                         | 412                         | 150                         | 36                          | 22                         | 33                        |
| 250 to 499 acres .....   | 61                          | 23                          | 9                           | 1                           | -                          | 3                         |
| 500 acres or more .....  | 10                          | -                           | -                           | -                           | -                          | -                         |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 1,642<br>103,451<br>314,879 | 2,750<br>123,050<br>322,296 | 2,276<br>75,595<br>165,170  | 1,971<br>46,531<br>91,374  | 2,314<br>42,982<br>72,196 |
| Irrigated .....  | farms<br>acres              | 29<br>472                   | 28<br>414                   | 36<br>419                   | 26<br>229                  | 31<br>256                 |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 263<br>21,303<br>40,979     | 473<br>25,095<br>46,863     | 471<br>18,558<br>30,685     | 465<br>13,361<br>18,507    | 548<br>11,752<br>13,746   |
| Irrigated .....  | farms<br>acres              | 5<br>261                    | 5<br>125                    | 12<br>217                   | 3<br>(D)                   | 7<br>80                   |
| Land used for vegetables (see text) .....  | farms<br>acres              | 308<br>4,150<br>89          | 499<br>3,552<br>126         | 291<br>1,159<br>69          | 186<br>385<br>52           | 149<br>187<br>29          |
| Irrigated .....  | farms<br>acres              | 579                         | 511                         | 174                         | 70                         | 36                        |
| Farms by acres harvested:  |                             |                             |                             |                             |                            |                           |
| 0.1 to 4.9 acres .....   | 96                          | 236                         | 218                         | 168                         | 147                        | 79                        |
| 5.0 to 24.9 acres .....  | 159                         | 233                         | 71                          | 17                          | 2                          | -                         |
| 25.0 to 99.9 acres .....   | 53                          | 30                          | 2                           | 1                           | -                          | -                         |
| 100.0 to 249.9 acres .....   | -                           | -                           | -                           | -                           | -                          | -                         |
| 250.0 acres or more .....  | -                           | -                           | -                           | -                           | -                          | -                         |
| Snap beans harvested for sale .....  | farms<br>acres              | 57<br>239                   | 107<br>73                   | 49<br>16                    | 30<br>8                    | 31<br>17                  |
| Harvested for processing .....   | farms<br>acres              | 4<br>164                    | 2<br>(D)                    | -<br>-                      | -<br>-                     | 9<br>(D)                  |
| Peas, green, harvested for sale .....  | farms<br>acres              | 19<br>(D)                   | 42<br>21                    | 23<br>4                     | 12<br>2                    | 10<br>2                   |
| Harvested for processing .....   | farms<br>acres              | -<br>-                      | -<br>-                      | -<br>-                      | -<br>-                     | -<br>-                    |
| Sweet corn harvested for sale .....  | farms<br>acres              | 140<br>713                  | 212<br>687                  | 122<br>253                  | 76<br>79                   | 58<br>31                  |
| Harvested for processing .....   | farms<br>acres              | 8<br>60                     | 20<br>120                   | 12<br>42                    | 7<br>(D)                   | 9<br>9                    |
| Tomatoes harvested for sale .....  | farms<br>acres              | 114<br>145                  | 227<br>186                  | 94<br>58                    | 57<br>24                   | 43<br>7                   |
| Harvested for processing .....   | farms<br>acres              | 7<br>6                      | 17<br>28                    | 7<br>5                      | 3<br>2                     | 5<br>1                    |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | All farms                             | \$1,000,000 or more | \$500,000 to \$999,999 | \$250,000 to \$499,999 | \$100,000 to \$249,999 | \$50,000 to \$99,999 |
|---|---------------------------------------|---------------------|------------------------|------------------------|------------------------|----------------------|
| <b>CROPS HARVESTED - Con.</b>                 |                                       |                     |                        |                        |                        |                      |
| Field and grass seed crops, All               | farms<br>acres                        | 112<br>3,311        | 3<br>427               | 1<br>(D)               | 4<br>220               | 8<br>507             |
| Irrigated                                     | farms<br>acres                        | 1<br>(D)            | -                      | -                      | -                      | -                    |
| All land in orchards                          | farms<br>acres                        | 2,601<br>118,166    | 40<br>17,486           | 65<br>19,115           | 104<br>18,032          | 231<br>22,142        |
| Irrigated                                     | farms<br>acres                        | 478<br>13,264       | 18<br>2,877            | 30<br>3,079            | 23<br>1,117            | 56<br>2,389          |
| Farms by bearing and nonbearing acres:        |                                       |                     |                        |                        |                        |                      |
| 0.1 to 4.9 acres                              |                                       | 943                 | -                      | 2                      | 4                      | 22                   |
| 5.0 to 24.9 acres                             |                                       | 805                 | 2                      | 2                      | 7                      | 36                   |
| 25.0 to 99.9 acres                            |                                       | 539                 | 8                      | 11                     | 22                     | 83                   |
| 100.0 to 249.9 acres                          |                                       | 216                 | 10                     | 19                     | 46                     | 74                   |
| 250.0 acres or more                           |                                       | 98                  | 20                     | 31                     | 25                     | 16                   |
| Apples  | farms<br>Bearing and nonbearing acres | 1,750<br>50,539     | 32<br>10,402           | 53<br>9,503            | 84<br>8,535            | 182<br>9,551         |
| Grapes  | farms<br>Bearing and nonbearing acres | 678<br>13,420       | 7<br>778               | 11<br>2,029            | 18<br>2,227            | 49<br>2,518          |
| Peaches, All                                  | farms<br>Bearing and nonbearing acres | 732<br>6,326        | 15<br>815              | 28<br>730              | 51<br>1,069            | 77<br>1,406          |
| Pecans  | farms<br>(D)                          | 1<br>-              | -                      | -                      | -                      | -                    |
| Walnuts, English                              | farms<br>Bearing and nonbearing acres | 19<br>114           | -<br>-                 | -<br>-                 | -<br>-                 | 1<br>(D)             |
| Land in berries harvested for sale (see text) | farms<br>acres                        | 1,051<br>19,289     | 23<br>4,918            | 25<br>1,986            | 60<br>2,562            | 103<br>3,926         |
| Irrigated                                     | farms<br>acres                        | 513<br>11,902       | 17<br>3,570            | 20<br>1,631            | 47<br>1,736            | 65<br>2,422          |
|   |                                       |                     |                        |                        |                        | 126<br>2,198         |
|   |                                       |                     |                        |                        |                        | 75<br>1,077          |

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | \$25,000 to \$49,999                            | \$10,000 to \$24,999 | \$5,000 to \$9,999    | \$2,500 to \$4,999 | \$1,000 to \$2,499 | Less than \$1,000 |
|---|---|----------------------|-----------------------|--------------------|--------------------|-------------------|
| <b>CROPS HARVESTED - Con.</b>                 |   |                      |                       |                    |                    |                   |
| Field and grass seed crops, All               | farms 16<br>acres 414                           | 16<br>493            | 16<br>386<br>1<br>(D) | 12<br>142          | 8<br>(D)           | 12<br>246         |
| Irrigated                                     | farms -<br>acres -                              | -<br>-               | -<br>(D)              | -                  | -                  | -                 |
| All land in orchards                          | farms 298<br>acres 10,712                       | 429<br>8,627         | 292<br>3,807          | 222<br>1,602       | 253<br>1,424       | 439<br>2,520      |
| Irrigated                                     | farms 51<br>acres 1,084                         | 74<br>876            | 33<br>251             | 32<br>99           | 32<br>78           | 75<br>232         |
| Farms by bearing and nonbearing acres:        |   |                      |                       |                    |                    |                   |
| 0.1 to 4.9 acres                              | 48  | 102                  | 106                   | 143                | 187                | 296               |
| 5.0 to 24.9 acres                             | 86  | 229                  | 144                   | 72                 | 62                 | 128               |
| 25.0 to 99.9 acres                            | 145   | 87                   | 37                    | 6                  | 3                  | 12                |
| 100.0 to 249.9 acres                          | 18  | 11                   | 5                     | -                  | -                  | 3                 |
| 250.0 acres or more                           | 1   | -                    | -                     | 1                  | -                  | -                 |
| Apples  | farms 200<br>Bearing and nonbearing acres 3,374 | 269<br>2,355         | 176<br>832            | 135<br>355         | 162<br>371         | 299<br>939        |
| Grapes  | farms 78<br>Bearing and nonbearing acres 1,676  | 116<br>1,276         | 88<br>438             | 69<br>256          | 56<br>168          | 116<br>211        |
| Peaches, All                                  | farms 84<br>Bearing and nonbearing acres 553    | 115<br>406           | 70<br>123             | 52<br>70           | 61<br>77           | 90<br>119         |
| Pecans  | farms -<br>Bearing and nonbearing acres -       | -<br>-               | 1<br>(D)              | -                  | -                  | -                 |
| Walnuts, English                              | farms -<br>Bearing and nonbearing acres -       | 4<br>29              | -<br>-                | 5<br>(D)           | 2<br>43            | 7<br>12           |
| Land in berries harvested for sale (see text) | farms 162<br>acres 1,831                        | 226<br>1,124         | 119<br>376            | 103<br>229         | 71<br>111          | 33<br>28          |
| Irrigated                                     | farms 87<br>acres 792                           | 99<br>488            | 46<br>119             | 29<br>43           | 16<br>43           | 12<br>12          |

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 58. Summary by Type of Organization: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                                | Individual or family          | Partnership                   |                             |
|---|--------------------------------------|-------------------------------|-------------------------------|-----------------------------|
|   |                                      |                               | Total                         | Registered under state law  |
| <b>F FARMS AND LAND IN FARMS</b>  |                                      |                               |                               |                             |
| Farms .....   | number<br>percent                    | 53,315<br>100.0               | 48,070<br>90.2                | 3,172<br>5.9                |
| Land in farms .....   | acres                                | 10,142,958<br>190             | 7,430,707<br>155              | 1,737,310<br>548            |
| Average size of farm .....  | acres                                |                               |                               | 1,278,271<br>679            |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |                                      |                               |                               |                             |
| Total (see text) .....  | farms<br>\$1,000<br>Average per farm | 53,315<br>3,917,205<br>73,473 | 48,070<br>1,910,277<br>39,739 | 3,172<br>870,764<br>274,516 |
| Farms by economic class:  |                                      |                               |                               | 1,883<br>725,461<br>385,269 |
| Less than \$1,000 (see text) .....  |                                      | 13,657                        | 13,007                        | 354<br>196                  |
| \$1,000 to \$2,499 .....  |                                      | 7,864                         | 7,517                         | 220<br>100                  |
| \$2,500 to \$4,999 .....  |                                      | 5,594                         | 5,320                         | 166<br>61                   |
| \$5,000 to \$9,999 .....  |                                      | 5,590                         | 5,238                         | 232<br>92                   |
| \$10,000 to \$24,999 .....  |                                      | 6,602                         | 6,079                         | 354<br>168                  |
| \$25,000 to \$49,999 .....  |                                      | 4,082                         | 3,694                         | 288<br>143                  |
| \$50,000 to \$99,999 .....  |                                      | 3,235                         | 2,807                         | 258<br>150                  |
| \$100,000 to \$249,999 .....  |                                      | 3,271                         | 2,593                         | 425<br>267                  |
| \$250,000 to \$499,999 .....  |                                      | 1,874                         | 1,240                         | 388<br>290                  |
| \$500,000 to \$999,999 .....  |                                      | 946                           | 414                           | 290<br>242                  |
| \$1,000,000 or more .....   |                                      | 600                           | 161                           | 197<br>174                  |
| \$1,000,000 to \$2,499,999 .....  |                                      | 448                           | 138                           | 151<br>129                  |
| \$2,500,000 to \$4,999,999 .....  |                                      | 96                            | 16                            | 33<br>32                    |
| \$5,000,000 or more .....   |                                      | 56                            | 7                             | 13<br>13                    |
| Total sales (see text) .....  | farms<br>\$1,000                     | 53,315<br>3,772,435           | 48,083<br>1,817,053           | 3,172<br>835,999            |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | farms<br>\$1,000                     | 16,819<br>990,921             | 14,573<br>670,056             | 1,605<br>216,506            |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 4,487<br>830,230              | 3,331<br>527,517              | 532<br>202,404              |
| Tobacco .....   | farms<br>\$1,000                     | -                             | -                             | -<br>154,154                |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | -                             | -                             | -<br>-                      |
| Cotton and cottonseed .....   | farms<br>\$1,000                     | -                             | -                             | -<br>-                      |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | -                             | -                             | -<br>-                      |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | farms<br>\$1,000                     | 2,676<br>322,510              | 2,200<br>128,488              | 265<br>84,397               |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 743<br>301,520                | 449<br>110,195                | 148<br>82,646               |
| Fruits, tree nuts, and berries .....  | farms<br>\$1,000                     | 2,797<br>181,469              | 2,336<br>76,393               | 253<br>(D)                  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 610<br>157,280                | 364<br>55,520                 | 198<br>113<br>(D)           |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | farms<br>\$1,000                     | 2,185<br>628,699              | 1,523<br>126,747              | 188<br>58,098               |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 923<br>610,982                | 475<br>112,602                | 148<br>104<br>(D)           |
| Cut Christmas trees and short-rotation woody crops .....                    | farms<br>\$1,000                     | 1,076<br>30,411               | 934<br>(D)                    | 68<br>9,907                 |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 100                           | 66                            | 17<br>15                    |
| Other crops and hay (see text) .....  | farms<br>\$1,000                     | 23,657<br>208,618             | 10,593<br>132,223             | 9,371<br>38,393             |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 12,504<br>877                 | 11,343<br>566                 | 784<br>166                  |
| Cattle and calves .....   | farms<br>\$1,000                     | 11,293<br>298,517             | 9,959<br>179,010              | 1,013<br>62,453             |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 997<br>205,745                | 633<br>101,287                | 235<br>50,539               |
| Milk and other dairy products from cows .....                               | farms<br>\$1,000                     | 2,738<br>697,920              | 2,087<br>326,611              | 503<br>232,313              |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 1,966<br>679,809              | 1,373<br>309,873              | 353<br>231,166              |
| Hogs and pigs .....   | farms<br>\$1,000                     | 2,336<br>200,027              | 2,072<br>93,811               | 193<br>58,140               |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 370<br>192,340                | 254<br>87,075                 | 80<br>57,306                |
| Sheep, goats, and their products .....                                      | farms<br>\$1,000                     | 2,307<br>6,613                | 2,162<br>5,250                | 103<br>1,094                |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 19<br>2,423                   | 14<br>1,492                   | 44<br>(D)                   |
| Horses, ponies, mules, burros, and donkeys .....                            | farms<br>\$1,000                     | 3,286<br>23,743               | 2,985<br>18,565               | 159<br>2,614                |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 54<br>8,731                   | 36<br>5,675                   | 6<br>1,468                  |
| Poultry and eggs .....  | farms<br>\$1,000                     | 2,206<br>146,700              | 2,048<br>32,371               | 93<br>32,392                |
| Sales of \$50,000 or more .....   | farms<br>\$1,000                     | 80<br>144,455                 | 43<br>30,381                  | 15<br>32,292                |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                       | Corporation                   |                             |                             |                             | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|---|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|---|--|
|   |                             | Family held                   |                             | Other than family held      |                             |   |  |
|   |                             | Total                         | 10 or less<br>stockholders  | Total                       | 10 or less<br>stockholders  |   |  |
| <b>F FARMS AND LAND IN FARMS</b>  |                             |                               |                             |                             |                             |   |  |
| Farms .....   | number<br>percent           | 1,817<br>3.4                  | 1,683<br>3.2                | 1,659<br>3.1                | 134<br>0.3                  | 118<br>0.2  |  |
| Land in farms .....   | acres                       | 911,349                       | 875,773                     | 862,492                     | 35,576                      | 29,555  |  |
| Average size of farm .....  | acres                       | 502                           | 520                         | 520                         | 265                         | 250   |  |
| <b>M MARKET VALUE OF AGRICULTURAL<br/>PRODUCTS SOLD AND GOVERNMENT<br/>PAYMENTS</b> |                             |                               |                             |                             |                             |   |  |
| Total (see text) .....  | farms<br>\$1,000<br>dollars | 1,817<br>1,109,537<br>610,642 | 1,683<br>953,054<br>566,283 | 1,659<br>929,221<br>560,109 | 134<br>156,484<br>1,167,788 | 118<br>97,865<br>829,366                                      |  |
| Average per farm .....  |                             |                               |                             |                             |                             | 256<br>26,627<br>104,013                                      |  |
| Farms by economic class:  |                             |                               |                             |                             |                             |   |  |
| Less than \$1,000 (see text) .....  |                             | 230                           | 209                         | 209                         | 21                          | 16  |  |
| \$1,000 to \$2,499 .....  |                             | 81                            | 66                          | 65                          | 15                          | 14  |  |
| \$2,500 to \$4,999 .....  |                             | 70                            | 61                          | 58                          | 9                           | 6   |  |
| \$5,000 to \$9,999 .....  |                             | 91                            | 83                          | 79                          | 8                           | 6   |  |
| \$10,000 to \$24,999 .....  |                             | 135                           | 121                         | 118                         | 14                          | 13  |  |
| \$25,000 to \$49,999 .....  |                             | 90                            | 83                          | 82                          | 7                           | 7   |  |
| \$50,000 to \$99,999 .....  |                             | 157                           | 150                         | 150                         | 7                           | 7   |  |
| \$100,000 to \$249,999 .....  |                             | 246                           | 232                         | 230                         | 14                          | 14  |  |
| \$250,000 to \$499,999 .....  |                             | 244                           | 232                         | 231                         | 12                          | 11  |  |
| \$500,000 to \$999,999 .....  |                             | 236                           | 230                         | 226                         | 6                           | 6   |  |
| \$1,000,000 or more .....   |                             | 237                           | 216                         | 211                         | 21                          | 18  |  |
| \$1,000,000 to \$2,499,999 .....  |                             | 156                           | 149                         | 147                         | 7                           | 7   |  |
| \$2,500,000 to \$4,999,999 .....  |                             | 47                            | 39                          | 37                          | 8                           | 8   |  |
| \$5,000,000 or more .....   |                             | 34                            | 28                          | 27                          | 6                           | 3   |  |
| Total sales (see text) .....  | farms<br>\$1,000            | 1,817<br>1,093,496            | 1,683<br>937,466            | 1,659<br>913,811            | 134<br>156,030              | 118<br>97,448   |  |
| Grains, oilseeds, dry beans, and<br>dry peas <sup>1</sup> .....                     | farms<br>\$1,000            | 585<br>102,235                | 566<br>100,438              | 560<br>98,617               | 19<br>1,796                 | 17<br>(D)   |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 381<br>98,660                 | 372<br>96,958               | 369<br>95,168               | 9<br>1,703                  | 9<br>1,649  |  |
| Tobacco .....   | farms<br>\$1,000            | -                             | -                           | -                           | -                           | -   |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | -                             | -                           | -                           | -                           | -   |  |
| Cotton and cottonseed .....   | farms<br>\$1,000            | -                             | -                           | -                           | -                           | -   |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | -                             | -                           | -                           | -                           | -   |  |
| Vegetables, melons, potatoes,<br>and sweet potatoes .....                           | farms<br>\$1,000            | 196<br>108,804                | 188<br>106,145              | 186<br>(D)                  | 8<br>2,659                  | 8<br>2,659  |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 142<br>108,003                | 139<br>105,454              | 138<br>(D)                  | 3<br>2,549                  | 3<br>2,549  |  |
| Fruits, tree nuts, and berries .....  | farms<br>\$1,000            | 195<br>68,641                 | 188<br>67,327               | 187<br>(D)                  | 7<br>1,314                  | 7<br>1,314  |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 131<br>67,654                 | 126<br>(D)                  | 125<br>(D)                  | 5<br>(D)                    | 5<br>(D)  |  |
| Nursery, greenhouse, floriculture,<br>and sod (see text) .....                      | farms<br>\$1,000            | 455<br>442,844                | 412<br>336,302              | 404<br>330,204              | 43<br>106,542               | 41<br>(D)   |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 343<br>440,887                | 314<br>334,558              | 311<br>328,498              | 29<br>106,329               | 27<br>(D)   |  |
| Cut Christmas trees and<br>short-rotation woody crops .....                         | farms<br>\$1,000            | 72<br>(D)                     | 67<br>(D)                   | 63<br>(D)                   | 5<br>(D)                    | 4<br>(D)  |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 17<br>3,693                   | 15<br>(D)                   | 15<br>(D)                   | 2<br>(D)                    | 1<br>(D)  |  |
| Other crops and hay (see text) .....  | farms<br>\$1,000            | 339<br>37,037                 | 328<br>36,551               | 325<br>(D)                  | 11<br>487                   | 11<br>487   |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 142<br>35,138                 | 141<br>(D)                  | 140<br>(D)                  | 1<br>(D)                    | 1<br>(D)  |  |
| Cattle and calves .....   | farms<br>\$1,000            | 279<br>54,902                 | 267<br>44,514               | 263<br>44,251               | 12<br>10,388                | 12<br>10,388  |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 120<br>51,895                 | 113<br>41,602               | 111<br>(D)                  | 7<br>10,293                 | 7<br>10,293   |  |
| Milk and other dairy products from<br>cows .....                                    | farms<br>\$1,000            | 135<br>122,774                | 132<br>113,590              | 130<br>(D)                  | 3<br>9,184                  | 3<br>9,184  |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 132<br>122,657                | 129<br>113,473              | 127<br>(D)                  | 3<br>9,184                  | 3<br>9,184  |  |
| Hogs and pigs .....   | farms<br>\$1,000            | 50<br>(D)                     | 46<br>(D)                   | 44<br>(D)                   | 4<br>(D)                    | 4<br>(D)  |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 34<br>(D)                     | 30<br>(D)                   | 28<br>(D)                   | 4<br>(D)                    | 4<br>(D)  |  |
| Sheep, goats, and their products .....  | farms<br>\$1,000            | 24<br>(D)                     | 23<br>(D)                   | 22<br>(D)                   | 1<br>(D)                    | 1<br>(D)  |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | -<br>(D)                      | -<br>(D)                    | -<br>(D)                    | -<br>(D)                    | -<br>(D)  |  |
| Horses, ponies, mules, burros, and<br>donkeys .....                                 | farms<br>\$1,000            | 128<br>2,520                  | 115<br>1,968                | 115<br>1,968                | 13<br>552                   | 11<br>(D)   |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 12<br>1,588                   | 10<br>(D)                   | 10<br>(D)                   | 2<br>(D)                    | 2<br>(D)  |  |
| Poultry and eggs .....  | farms<br>\$1,000            | 46<br>81,872                  | 44<br>(D)                   | 42<br>(D)                   | 2<br>(D)                    | 2<br>(D)  |  |
| Sales of \$50,000 or more .....   | farms<br>\$1,000            | 22<br>81,783                  | 22<br>81,783                | 21<br>(D)                   | -<br>(D)                    | -<br>(D)  |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total     | Individual or family | Partnership |                            |
|--|-----------|----------------------|-------------|----------------------------|
|  |           |                      | Total       | Registered under state law |
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>               |           |                      |             |                            |
| Total (see text) - Con.  |           |                      |             |                            |
| Total sales (see text) - Con.  |           |                      |             |                            |
| Aquaculture (see text) .... farms  | 83        | 52                   | 13          | 12                         |
| \$1,000  | 3,316     | (D)                  | (D)         | (D)                        |
| Sales of \$50,000 or more .... farms   | 12        | 3                    | 4           | 4                          |
| \$1,000  | 2,808     | (D)                  | 878         | 878                        |
| Other animals and other animal products (see text) .... farms                                  | 1,152     | 1,013                | 63          | 45                         |
| \$1,000  | 32,972    | 10,719               | 2,646       | 1,877                      |
| Sales of \$50,000 or more .... farms   | 92        | 64                   | 13          | 9                          |
| \$1,000  | 28,313    | 6,931                | 2,183       | 1,502                      |
| Government payments .... farms   | 18,133    | 15,788               | 1,588       | 969                        |
| \$1,000  | 144,771   | 93,224               | 34,765      | 26,778                     |
| Value of -   |           |                      |             |                            |
| Certified organically produced commodities (see text) .... farms                               | 283       | 246                  | 27          | 10                         |
| \$1,000  | 7,019     | 3,211                | (D)         | 116                        |
| Landlord's share of total sales (see text) .... farms  | 2,262     | 1,923                | 232         | 120                        |
| \$1,000  | 46,690    | 31,706               | 9,108       | 5,991                      |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms | 4,925     | 4,490                | 277         | 145                        |
| \$1,000  | 37,269    | 25,191               | 6,091       | 4,453                      |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |           |                      |             |                            |
| Total farm production expenses .... farms  | 53,296    | 47,919               | 3,369       | 1,999                      |
| \$1,000  | 3,333,716 | 1,703,057            | 725,642     | 617,307                    |
| Average per farm .... dollars  | 62,551    | 35,540               | 215,388     | 308,808                    |
| Fertilizer, lime, and soil conditioners purchased .... farms                                   | 28,156    | 24,414               | 2,462       | 1,551                      |
| \$1,000  | 241,158   | 149,835              | 54,459      | 42,968                     |
| Farms with expenses of-  |           |                      |             |                            |
| \$1 to \$4,999 .....   | 19,937    | 18,278               | 1,063       | 543                        |
| \$5,000 to \$24,999 .....  | 5,689     | 4,639                | 753         | 493                        |
| \$25,000 to \$49,999 .....   | 1,527     | 1,000                | 341         | 265                        |
| \$50,000 or more .....   | 1,003     | 497                  | 305         | 250                        |
| Chemicals purchased .... farms   | 23,602    | 20,230               | 2,160       | 1,371                      |
| \$1,000  | 181,198   | 102,448              | 43,370      | 34,711                     |
| Farms with expenses of-  |           |                      |             |                            |
| \$1 to \$4,999 .....   | 17,185    | 15,602               | 1,055       | 534                        |
| \$5,000 to \$24,999 .....  | 4,642     | 3,699                | 596         | 436                        |
| \$25,000 to \$49,999 .....   | 1,057     | 644                  | 283         | 211                        |
| \$50,000 or more .....   | 718       | 285                  | 226         | 190                        |
| Seeds, plants, vines, and trees .... farms   | 25,048    | 21,634               | 2,214       | 1,358                      |
| \$1,000  | 257,178   | 124,771              | 49,146      | 40,032                     |
| Farms with expenses of-  |           |                      |             |                            |
| \$1 to \$999 .....   | 10,930    | 10,264               | 488         | 212                        |
| \$1,000 to \$4,999 .....   | 6,971     | 6,250                | 516         | 258                        |
| \$5,000 to \$24,999 .....  | 5,120     | 4,037                | 742         | 524                        |
| \$25,000 to \$49,999 .....   | 1,138     | 700                  | 236         | 177                        |
| \$50,000 or more .....   | 889       | 383                  | 232         | 187                        |
| Livestock and poultry purchased .... farms   | 11,647    | 10,380               | 914         | 556                        |
| \$1,000  | 196,578   | 99,903               | 48,448      | 41,755                     |
| Farms with expenses of-  |           |                      |             |                            |
| \$1 to \$4,999 .....   | 9,336     | 8,617                | 571         | 300                        |
| \$5,000 to \$24,999 .....  | 1,422     | 1,208                | 123         | 86                         |
| \$25,000 to \$99,999 .....   | 504       | 349                  | 103         | 68                         |
| \$100,000 to \$249,999 .....   | 222       | 137                  | 62          | 52                         |
| \$250,000 or more .....  | 163       | 69                   | 55          | 50                         |
| Breeding livestock purchased (see text) .... farms   | 5,274     | 4,586                | 496         | 312                        |
| \$1,000  | 31,345    | 15,499               | 10,237      | 9,177                      |
| Other livestock and poultry purchased .... farms   | 7,934     | 7,179                | 536         | 292                        |
| \$1,000  | 165,233   | 84,404               | 38,210      | 32,578                     |
| Feed purchased .... farms  | 24,297    | 21,916               | 1,580       | 971                        |
| \$1,000  | 390,264   | 187,018              | 104,998     | 95,065                     |
| Farms with expenses of-  |           |                      |             |                            |
| \$1 to \$4,999 .....   | 18,476    | 17,384               | 749         | 307                        |
| \$5,000 to \$24,999 .....  | 4,014     | 3,379                | 383         | 271                        |
| \$25,000 to \$99,999 .....   | 1,161     | 844                  | 231         | 198                        |
| \$100,000 to \$249,999 .....   | 401       | 210                  | 129         | 112                        |
| \$250,000 or more .....  | 245       | 99                   | 88          | 83                         |
| Gasoline, fuels, and oils .... farms   | 50,597    | 45,402               | 3,253       | 1,946                      |
| \$1,000  | 145,503   | 85,494               | 28,672      | 23,453                     |
| Farms with expenses of-  |           |                      |             |                            |
| \$1 to \$4,999 .....   | 44,407    | 41,275               | 2,026       | 977                        |
| \$5,000 to \$24,999 .....  | 5,258     | 3,780                | 925         | 707                        |
| \$25,000 to \$49,999 .....   | 641       | 266                  | 227         | 194                        |
| \$50,000 or more .....   | 291       | 81                   | 75          | 68                         |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total   | Corporation |                            |                        |                            | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|--|---------|-------------|----------------------------|------------------------|----------------------------|---|--|
|  |         | Family held |                            | Other than family held |                            |   |  |
|  |         | Total       | 10 or less<br>stockholders | Total                  | 10 or less<br>stockholders |   |  |
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>               |         |             |                            |                        |                            |   |  |
| Total (see text) - Con.  |         |             |                            |                        |                            |   |  |
| Total sales (see text) - Con.  |         |             |                            |                        |                            |   |  |
| Aquaculture (see text) .... farms  | 11      | 11          | 11                         | -                      | -                          | 7   |  |
| \$1,000 831  | 831     | 831         | 831                        | -                      | -                          | (D)   |  |
| Sales of \$50,000 or more .... farms   | 4       | 4           | 4                          | -                      | -                          | 1   |  |
| \$1,000 756  | 756     | 756         | 756                        | -                      | -                          | (D)   |  |
| Other animals and other animal products (see text) .... farms                                  | 64      | 56          | 55                         | 8                      | 7                          | 12  |  |
| \$1,000 19,589   | (D)     | (D)         | (D)                        | (D)                    | 140                        | 18  |  |
| Sales of \$50,000 or more .... farms   | 15      | 13          | 13                         | 2                      | 1                          | -   |  |
| \$1,000 19,199   | (D)     | (D)         | (D)                        | (D)                    | (D)                        | -   |  |
| Government payments .... farms   | 658     | 628         | 620                        | 30                     | 25                         | 99  |  |
| \$1,000 16,041   | 15,587  | 15,410      | 454                        | 417                    | 741                        |   |  |
| Value of -   |         |             |                            |                        |                            |   |  |
| Certified organically produced commodities (see text) .... farms                               | 9       | 9           | 9                          | -                      | -                          | 1   |  |
| \$1,000 3,318  | 3,318   | 3,318       | 3,318                      | -                      | -                          | (D)   |  |
| Landlord's share of total sales (see text) .... farms  | 102     | 96          | 96                         | 6                      | 5                          | 5   |  |
| \$1,000 (D)  | 5,623   | 5,623       | (D)                        | (D)                    | (D)                        | (D)   |  |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms | 138     | 126         | 126                        | 12                     | 12                         | 20  |  |
| \$1,000 5,903  | 5,208   | 5,208       | 694                        | 694                    | 85                         |   |  |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |         |             |                            |                        |                            |   |  |
| Total farm production expenses .... farms  | 1,807   | 1,690       | 1,655                      | 117                    | 83                         | 201   |  |
| \$1,000 885,329  | 773,440 | 754,406     | 111,889                    | 72,571                 | 19,687                     |   |  |
| Average per farm .... dollars  | 489,944 | 457,657     | 455,834                    | 956,315                | 874,352                    | 97,947  |  |
| Fertilizer, lime, and soil conditioners purchased .... farms                                   | 1,221   | 1,157       | 1,147                      | 64                     | 61                         | 59  |  |
| \$1,000 36,106   | 32,949  | 32,484      | 3,157                      | (D)                    | (D)                        | 759   |  |
| Farms with expenses of-  |         |             |                            |                        |                            |   |  |
| \$1 to \$4,999 .....   | 554     | 514         | 513                        | 40                     | 39                         | 42  |  |
| \$5,000 to \$24,999 .....  | 288     | 281         | 278                        | 7                      | 7                          | 9   |  |
| \$25,000 to \$49,999 .....   | 183     | 172         | 170                        | 11                     | 11                         | 3   |  |
| \$50,000 or more .....   | 196     | 190         | 186                        | 6                      | 4                          | 5   |  |
| Chemicals purchased .... farms   | 1,157   | 1,097       | 1,073                      | 60                     | 57                         | 55  |  |
| \$1,000 34,861   | 32,935  | 32,630      | 1,926                      | (D)                    | (D)                        | 519   |  |
| Farms with expenses of-  |         |             |                            |                        |                            |   |  |
| \$1 to \$4,999 .....   | 487     | 450         | 431                        | 37                     | 37                         | 41  |  |
| \$5,000 to \$24,999 .....  | 340     | 329         | 328                        | 11                     | 10                         | 7   |  |
| \$25,000 to \$49,999 .....   | 126     | 123         | 123                        | 3                      | 3                          | 4   |  |
| \$50,000 or more .....   | 204     | 195         | 191                        | 9                      | 7                          | 3   |  |
| Seeds, plants, vines, and trees .... farms   | 1,145   | 1,080       | 1,054                      | 65                     | 62                         | 55  |  |
| \$1,000 82,602   | 68,558  | 66,415      | 14,045                     | (D)                    | (D)                        | 658   |  |
| Farms with expenses of-  |         |             |                            |                        |                            |   |  |
| \$1 to \$999 .....   | 170     | 158         | 141                        | 12                     | 12                         | 8   |  |
| \$1,000 to \$4,999 .....   | 180     | 162         | 161                        | 18                     | 18                         | 25  |  |
| \$5,000 to \$24,999 .....  | 325     | 313         | 311                        | 12                     | 12                         | 16  |  |
| \$25,000 to \$49,999 .....   | 199     | 196         | 196                        | 3                      | 2                          | 3   |  |
| \$50,000 or more .....   | 271     | 251         | 245                        | 20                     | 18                         | 3   |  |
| Livestock and poultry purchased .... farms   | 331     | 320         | 316                        | 11                     | 11                         | 22  |  |
| \$1,000 45,841   | (D)     | 40,210      | (D)                        | (D)                    | (D)                        | 2,386   |  |
| Farms with expenses of-  |         |             |                            |                        |                            |   |  |
| \$1 to \$4,999 .....   | 134     | 131         | 131                        | 3                      | 3                          | 14  |  |
| \$5,000 to \$24,999 .....  | 88      | 88          | 87                         | -                      | -                          | 3   |  |
| \$25,000 to \$99,999 .....   | 50      | 45          | 44                         | 5                      | 5                          | 2   |  |
| \$100,000 to \$249,999 .....   | 22      | 22          | 21                         | -                      | -                          | 1   |  |
| \$250,000 or more .....  | 37      | 34          | 33                         | 3                      | 3                          | 2   |  |
| Breeding livestock purchased (see text) .... farms   | 175     | 168         | 167                        | 7                      | 7                          | 17  |  |
| \$1,000 5,367  | (D)     | (D)         | (D)                        | (D)                    | (D)                        | 242   |  |
| Other livestock and poultry purchased .... farms   | 200     | 194         | 191                        | 6                      | 6                          | 19  |  |
| \$1,000 40,474   | (D)     | (D)         | (D)                        | (D)                    | (D)                        | 2,144   |  |
| Feed purchased .... farms  | 760     | 711         | 706                        | 49                     | 27                         | 41  |  |
| \$1,000 95,229   | (D)     | 78,711      | (D)                        | (D)                    | 9,951                      | 3,020   |  |
| Farms with expenses of-  |         |             |                            |                        |                            |   |  |
| \$1 to \$4,999 .....   | 317     | 280         | 280                        | 37                     | 16                         | 26  |  |
| \$5,000 to \$24,999 .....  | 249     | 246         | 245                        | 3                      | 3                          | 3   |  |
| \$25,000 to \$99,999 .....   | 80      | 79          | 78                         | 1                      | 1                          | 6   |  |
| \$100,000 to \$249,999 .....   | 61      | 59          | 58                         | 2                      | 2                          | 1   |  |
| \$250,000 or more .....  | 53      | 47          | 45                         | 6                      | 5                          | 5   |  |
| Gasoline, fuels, and oils .... farms   | 1,751   | 1,634       | 1,599                      | 117                    | 83                         | 191   |  |
| \$1,000 30,670   | 26,421  | 25,839      | 4,250                      | 3,025                  | 667                        |   |  |
| Farms with expenses of-  |         |             |                            |                        |                            |   |  |
| \$1 to \$4,999 .....   | 949     | 870         | 847                        | 79                     | 49                         | 157   |  |
| \$5,000 to \$24,999 .....  | 525     | 505         | 498                        | 20                     | 19                         | 28  |  |
| \$25,000 to \$49,999 .....   | 146     | 143         | 141                        | 3                      | 3                          | 2   |  |
| \$50,000 or more .....   | 131     | 116         | 113                        | 15                     | 12                         | 4   |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                                  | Individual or family                  | Partnership                     |                                 |
|---|--|---------------------------------------|---------------------------------|---------------------------------|
|   |  |                                       | Total                           | Registered under state law      |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |  |                                       |                                 |                                 |
| Total farm production expenses - Con.   |  |                                       |                                 |                                 |
| Utilities (see text) .... farms \$1,000   | 30,422<br>91,391                       | 26,431<br>48,525                      | 2,479<br>18,251                 | 1,598<br>15,581                 |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 17,496<br>9,451<br>2,928<br>343<br>204 | 16,293<br>8,188<br>1,762<br>137<br>51 | 795<br>882<br>655<br>93<br>54   | 384<br>539<br>539<br>84<br>52   |
| Supplies, repairs, and maintenance .... farms \$1,000   | 47,754<br>334,489                      | 42,716<br>196,199                     | 3,199<br>62,269                 | 1,885<br>51,765                 |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....                                  | 36,285<br>8,807<br>1,532<br>1,130      | 33,995<br>7,226<br>991<br>504         | 1,588<br>966<br>325<br>320      | 747<br>574<br>275<br>289        |
| Hired farm labor .... farms \$1,000   | 12,279<br>469,731                      | 9,477<br>134,810                      | 1,512<br>101,321                | 1,089<br>90,516                 |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$99,999 .....<br>\$100,000 to \$249,999 .....<br>\$250,000 or more ..... | 7,177<br>2,442<br>1,736<br>550<br>374  | 6,424<br>1,845<br>950<br>194<br>64    | 477<br>381<br>392<br>174<br>88  | 232<br>315<br>309<br>149<br>84  |
| Contract labor .... farms \$1,000   | 3,614<br>35,023                        | 2,984<br>14,357                       | 336<br>5,834                    | 239<br>5,349                    |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 1,382<br>1,188<br>825<br>146<br>73     | 1,274<br>1,003<br>621<br>64<br>22     | 95<br>95<br>95<br>31<br>20      | 74<br>37<br>81<br>28<br>19      |
| Customwork and custom hauling .... farms \$1,000  | 9,148<br>63,676                        | 7,761<br>31,143                       | 941<br>14,508                   | 563<br>12,838                   |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 4,001<br>3,214<br>1,486<br>213<br>234  | 3,736<br>2,772<br>1,070<br>96<br>87   | 197<br>339<br>263<br>67<br>75   | 75<br>174<br>182<br>60<br>72    |
| Cash rent for land, buildings, and grazing fees .... farms \$1,000  | 12,399<br>216,140                      | 10,237<br>117,397                     | 1,450<br>51,055                 | 917<br>42,001                   |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 or more .....                                   | 7,276<br>1,408<br>1,704<br>2,011       | 6,524<br>1,126<br>1,366<br>1,221      | 558<br>219<br>216<br>457        | 270<br>149<br>138<br>360        |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000   | 3,940<br>33,771                        | 3,091<br>14,926                       | 460<br>8,192                    | 362<br>7,401                    |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 1,534<br>1,179<br>943<br>170<br>114    | 1,413<br>943<br>630<br>74<br>31       | 89<br>145<br>144<br>43<br>39    | 69<br>103<br>115<br>40<br>35    |
| Interest expense .... farms \$1,000   | 18,089<br>211,406                      | 15,382<br>129,990                     | 1,640<br>44,283                 | 1,142<br>36,642                 |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$99,999 .....<br>\$100,000 or more .....                                 | 9,658<br>6,548<br>1,648<br>235         | 8,765<br>5,559<br>976<br>82           | 560<br>630<br>369<br>81         | 300<br>481<br>288<br>73         |
| Secured by real estate .... farms \$1,000   | 14,332<br>154,977                      | 12,367<br>100,223                     | 1,260<br>29,561                 | 909<br>23,833                   |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 1,919<br>5,535<br>5,594<br>838<br>446  | 1,694<br>5,113<br>4,873<br>482<br>205 | 161<br>277<br>493<br>186<br>143 | 108<br>164<br>379<br>140<br>118 |
| Not secured by real estate .... farms \$1,000   | 8,737<br>56,428                        | 6,993<br>29,768                       | 1,021<br>14,723                 | 734<br>12,809                   |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 3,042<br>3,192<br>2,067<br>286<br>150  | 2,751<br>2,598<br>1,468<br>130<br>46  | 178<br>362<br>348<br>80<br>53   | 85<br>261<br>270<br>68<br>50    |
| Property taxes paid .... farms \$1,000  | 50,494<br>157,933                      | 45,452<br>119,796                     | 3,191<br>21,562                 | 1,905<br>16,093                 |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 or more .....                                   | 43,434<br>4,379<br>2,144<br>537        | 40,366<br>3,557<br>1,312<br>217       | 2,028<br>516<br>503<br>144      | 1,020<br>358<br>398<br>129      |

See footnote(s) at end of table.

--continued

**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total            | Corporation      |                            |                        |                            | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|---|------------------|------------------|----------------------------|------------------------|----------------------------|---|--|
|   |                  | Family held      |                            | Other than family held |                            |   |  |
|   |                  | Total            | 10 or less<br>stockholders | Total                  | 10 or less<br>stockholders |   |  |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |                  |                  |                            |                        |                            |   |  |
| Total farm production expenses - Con.   |                  |                  |                            |                        |                            |   |  |
| Utilities (see text) .... farms \$1,000   | 1,437<br>24,065  | 1,356<br>21,436  | 1,321<br>20,944            | 81<br>2,629            | 77<br>1,343                | 75<br>550   |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$999 .....  | 370              | 361              | 336                        | 9                      | 9                          | 38  |  |
| \$1,000 to \$4,999 .....  | 358              | 332              | 330                        | 26                     | 26                         | 23  |  |
| \$5,000 to \$24,999 .....   | 503              | 476              | 473                        | 27                     | 26                         | 8   |  |
| \$25,000 to \$49,999 .....  | 111              | 101              | 100                        | 10                     | 10                         | 2   |  |
| \$50,000 or more .....  | 95               | 86               | 82                         | 9                      | 6                          | 4   |  |
| Supplies, repairs, and maintenance .... farms \$1,000   | 1,656<br>74,056  | 1,541<br>67,517  | 1,506<br>64,855            | 115<br>6,539           | 81<br>4,772                | 183<br>1,965  |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$4,999 .....  | 558              | 501              | 478                        | 57                     | 27                         | 144   |  |
| \$5,000 to \$24,999 .....   | 593              | 561              | 556                        | 32                     | 31                         | 22  |  |
| \$25,000 to \$49,999 .....  | 209              | 200              | 197                        | 9                      | 9                          | 7   |  |
| \$50,000 or more .....  | 296              | 279              | 275                        | 17                     | 14                         | 10  |  |
| Hired farm labor .... farms \$1,000   | 1,233<br>227,615 | 1,161<br>195,172 | 1,133<br>190,589           | 72<br>32,443           | 68<br>(D)                  | 57<br>5,985   |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$4,999 .....  | 256              | 254              | 254                        | 2                      | 2                          | 20  |  |
| \$5,000 to \$24,999 .....   | 205              | 189              | 170                        | 16                     | 16                         | 11  |  |
| \$25,000 to \$99,999 .....  | 384              | 359              | 358                        | 25                     | 25                         | 10  |  |
| \$100,000 to \$249,999 .....  | 173              | 164              | 160                        | 9                      | 8                          | 9   |  |
| \$250,000 or more .....   | 215              | 195              | 191                        | 20                     | 17                         | 7   |  |
| Contract labor .... farms \$1,000   | 284<br>14,761    | 270<br>(D)       | 269<br>(D)                 | 14<br>(D)              | 12<br>799                  | 10<br>71  |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$999 .....  | 12               | 12               | 12                         | -                      | -                          | 1   |  |
| \$1,000 to \$4,999 .....  | 90               | 86               | 86                         | 4                      | 4                          | -   |  |
| \$5,000 to \$24,999 .....   | 100              | 92               | 92                         | 8                      | 7                          | 9   |  |
| \$25,000 to \$49,999 .....  | 51               | 51               | 51                         | -                      | -                          | -   |  |
| \$50,000 or more .....  | 31               | 29               | 28                         | 2                      | 1                          | -   |  |
| Customwork and custom hauling .... farms \$1,000  | 434<br>17,704    | 411<br>14,089    | 405<br>(D)                 | 23<br>3,615            | 23<br>3,615                | 12<br>321   |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$999 .....  | 65               | 64               | 62                         | 1                      | 1                          | 3   |  |
| \$1,000 to \$4,999 .....  | 100              | 98               | 97                         | 2                      | 2                          | 3   |  |
| \$5,000 to \$24,999 .....   | 151              | 142              | 140                        | 9                      | 9                          | 2   |  |
| \$25,000 to \$49,999 .....  | 48               | 47               | 47                         | 1                      | 1                          | 2   |  |
| \$50,000 or more .....  | 70               | 60               | 59                         | 10                     | 10                         | 2   |  |
| Cash rent for land, buildings, and grazing fees .... farms \$1,000                              | 683<br>47,388    | 649<br>44,611    | 640<br>43,354              | 34<br>2,777            | 33<br>(D)                  | 29<br>301   |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$4,999 .....  | 174              | 157              | 156                        | 17                     | 17                         | 20  |  |
| \$5,000 to \$9,999 .....  | 59               | 58               | 58                         | 1                      | 4                          | 4   |  |
| \$10,000 to \$24,999 .....  | 120              | 118              | 117                        | 2                      | 2                          | 2   |  |
| \$25,000 or more .....  | 330              | 316              | 309                        | 14                     | 13                         | 3   |  |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000 | 381<br>10,472    | 349<br>9,945     | 345<br>(D)                 | 32<br>527              | 30<br>(D)                  | 8<br>181  |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$999 .....  | 30               | 26               | 25                         | 4                      | 4                          | 2   |  |
| \$1,000 to \$4,999 .....  | 90               | 87               | 87                         | 3                      | 2                          | 1   |  |
| \$5,000 to \$24,999 .....   | 166              | 145              | 143                        | 21                     | 21                         | 3   |  |
| \$25,000 to \$49,999 .....  | 53               | 51               | 50                         | 2                      | 2                          | -   |  |
| \$50,000 or more .....  | 42               | 40               | 40                         | 2                      | 1                          | 2   |  |
| Interest expense .... farms \$1,000   | 1,049<br>36,365  | 987<br>31,565    | 980<br>31,147              | 62<br>4,801            | 51<br>(D)                  | 18<br>767   |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$4,999 .....  | 326              | 316              | 315                        | 10                     | 9                          | 7   |  |
| \$5,000 to \$24,999 .....   | 352              | 309              | 307                        | 43                     | 34                         | 7   |  |
| \$25,000 to \$99,999 .....  | 301              | 300              | 297                        | 1                      | 1                          | 2   |  |
| \$100,000 or more .....   | 70               | 62               | 61                         | 8                      | 7                          | 2   |  |
| Secured by real estate .... farms \$1,000   | 690<br>24,570    | 647<br>20,782    | 641<br>(D)                 | 43<br>3,789            | 33<br>(D)                  | 15<br>623   |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$999 .....  | 64               | 62               | 61                         | 2                      | 2                          | -   |  |
| \$1,000 to \$4,999 .....  | 140              | 139              | 138                        | 1                      | 1                          | 5   |  |
| \$5,000 to \$24,999 .....   | 220              | 186              | 185                        | 34                     | 25                         | 8   |  |
| \$25,000 to \$49,999 .....  | 170              | 169              | 168                        | 1                      | 1                          | -   |  |
| \$50,000 or more .....  | 96               | 91               | 89                         | 5                      | 4                          | 2   |  |
| Not secured by real estate .... farms \$1,000   | 710<br>11,795    | 675<br>10,783    | 673<br>(D)                 | 35<br>1,012            | 34<br>(D)                  | 13<br>143   |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$999 .....  | 110              | 109              | 109                        | 1                      | -                          | 3   |  |
| \$1,000 to \$4,999 .....  | 225              | 219              | 218                        | 6                      | 6                          | 7   |  |
| \$5,000 to \$24,999 .....   | 250              | 227              | 227                        | 23                     | 23                         | 1   |  |
| \$25,000 to \$49,999 .....  | 75               | 75               | 75                         | -                      | -                          | 1   |  |
| \$50,000 or more .....  | 50               | 45               | 44                         | 5                      | 5                          | 1   |  |
| Property taxes paid .... farms \$1,000  | 1,678<br>16,039  | 1,574<br>14,878  | 1,539<br>(D)               | 104<br>1,160           | 71<br>577                  | 173<br>535  |  |
| Farms with expenses of-   |                  |                  |                            |                        |                            |   |  |
| \$1 to \$4,999 .....  | 886              | 827              | 800                        | 59                     | 38                         | 154   |  |
| \$5,000 to \$9,999 .....  | 295              | 265              | 262                        | 30                     | 21                         | 11  |  |
| \$10,000 to \$24,999 .....  | 324              | 322              | 322                        | 2                      | 2                          | 5   |  |
| \$25,000 or more .....  | 173              | 160              | 155                        | 13                     | 10                         | 3   |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total   | Individual or family                               | Partnership                            |                                      |
|---|---|--|--|--------------------------------------|
|   |   |  | Total                                  | Registered under state law           |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |   |  |  |                                      |
| Total farm production expenses - Con.   |   |  |  |                                      |
| All other production expenses (see text) .... farms \$1,000   | 30,851<br>308,277                                   | 26,854<br>146,445                                  | 2,493<br>69,274                        | 1,557<br>61,137                      |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 to \$99,999 .....<br>\$100,000 or more .....               | 22,590<br>6,118<br>1,080<br>606<br>457              | 20,876<br>4,964<br>630<br>254<br>130               | 1,226<br>707<br>270<br>141<br>149      | 564<br>498<br>235<br>122<br>138      |
| Production expenses paid by landlords <sup>3</sup> .... farms \$1,000   | 2,324<br>18,239                                     | 2,017<br>12,702                                    | 210<br>(D)                             | 124<br>2,571                         |
| Depreciation expenses claimed (see text) .... farms \$1,000   | 21,682<br>386,335                                   | 18,166<br>219,266                                  | 2,170<br>83,424                        | 1,453<br>70,057                      |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>  |   |  |  |                                      |
| Net cash farm income of operations (see text) .... farms \$1,000  | 53,296<br>724,021<br>13,585                         | 47,919<br>290,758<br>6,068                         | 3,369<br>185,943<br>55,192             | 1,999<br>151,736<br>75,906           |
| Average per farm .....  |   |  |  |                                      |
| Farms with net gains <sup>4</sup> .... number   | 22,737  | 19,459   | 2,068                                  | 1,322                                |
| Average net gain .... dollars   | 47,047  | 28,519   | 105,692                                | 133,294                              |
| Gain of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 3,224<br>5,479<br>3,138<br>3,504<br>2,827<br>4,565  | 3,058<br>5,088<br>2,805<br>3,163<br>2,409<br>2,936 | 121<br>232<br>206<br>244<br>283<br>982 | 80<br>97<br>96<br>99<br>164<br>786   |
| Farms with net losses .... number   | 30,559  | 28,460   | 1,301                                  | 677                                  |
| Average net loss .... dollars   | 11,312  | 9,283  | 25,079                                 | 36,157                               |
| Loss of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 3,903<br>11,691<br>6,916<br>5,386<br>1,545<br>1,118 | 3,716<br>11,208<br>6,436<br>5,071<br>1,368<br>661  | 132<br>351<br>332<br>199<br>89<br>198  | 41<br>143<br>139<br>128<br>69<br>157 |
| Net cash farm income of operators (see text) .... farms \$1,000   | 53,296<br>705,489<br>13,237                         | 47,919<br>279,153<br>5,826                         | 3,369<br>180,130<br>53,467             | 1,999<br>146,891<br>73,482           |
| Average per farm .....  |   |  |  |                                      |
| Operators reporting net gains <sup>4</sup> .... farms   | 23,069  | 19,805   | 2,054                                  | 1,317                                |
| Average net gain .... dollars   | 45,546  | 27,423   | 103,888                                | 130,472                              |
| Gain of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 3,356<br>5,783<br>3,146<br>3,520<br>2,823<br>4,441  | 3,195<br>5,395<br>2,806<br>3,177<br>2,392<br>2,840 | 122<br>224<br>213<br>239<br>297<br>959 | 70<br>99<br>102<br>99<br>184<br>763  |
| Operators reporting net losses .... farms   | 30,227  | 28,114   | 1,315                                  | 682                                  |
| Average net loss .... dollars   | 11,421  | 9,389  | 25,289                                 | 36,570                               |
| Loss of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 3,787<br>11,498<br>6,903<br>5,339<br>1,564<br>1,136 | 3,595<br>10,996<br>6,422<br>5,040<br>1,392<br>669  | 138<br>372<br>335<br>181<br>87<br>202  | 42<br>161<br>138<br>113<br>67<br>161 |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>  |   |  |  |                                      |
| Total .... farms \$1,000  | 2,601<br>72,023                                     | 2,144<br>40,597                                    | 338<br>23,375                          | 231<br>20,821                        |
| <b>INCOME FROM FARM-RELATED SOURCES</b>   |   |  |  |                                      |
| Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000   | 15,056<br>133,320                                   | 12,910<br>83,512                                   | 1,313<br>21,946                        | 863<br>17,157                        |
| Customwork and other agricultural services .... farms \$1,000   | 3,087<br>29,184                                     | 2,503<br>16,500                                    | 387<br>(D)                             | 272<br>5,059                         |
| Gross cash rent or share payments .... farms \$1,000  | 5,446<br>29,230                                     | 4,912<br>22,123                                    | 323<br>3,754                           | 200<br>2,804                         |
| Sales of forest products, excluding Christmas trees and maple products .... farms \$1,000   | 1,557<br>11,799                                     | 1,372<br>9,358                                     | 114<br>(D)                             | 73<br>946                            |
| Recreational services (see text) .... farms \$1,000   | 615<br>3,295  | 500<br>1,353                                       | 67<br>910                              | 49<br>884                            |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                                | Corporation                          |                                      |                               |                              | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|---|--------------------------------------|--------------------------------------|--------------------------------------|-------------------------------|------------------------------|---|--|
|   |                                      | Family held                          |                                      | Other than family held        |                              |   |  |
|   |                                      | Total                                | 10 or less<br>stockholders           | Total                         | 10 or less<br>stockholders   |   |  |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |                                      |                                      |                                      |                               |                              |   |  |
| Total farm production expenses - Con.   |                                      |                                      |                                      |                               |                              |   |  |
| All other production expenses (see text) .... farms \$1,000   | 1,436<br>91,555                      | 1,344<br>82,100                      | 1,311<br>80,707                      | 92<br>9,455                   | 68<br>(D)                    | 68<br>1,003   |  |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 to \$99,999 .....<br>\$100,000 or more .....               | 442<br>435<br>176<br>207<br>176      | 429<br>391<br>162<br>203<br>159      | 406<br>387<br>160<br>203<br>155      | 13<br>44<br>14<br>4<br>17     | 13<br>23<br>14<br>3<br>15    | 46<br>12<br>4<br>4<br>2                                       |  |
| Production expenses paid by landlords <sup>3</sup> .... farms \$1,000   | 95<br>2,076                          | 90<br>1,936                          | 90<br>1,936                          | 5<br>140                      | 5<br>140                     | 2<br>(D)  |  |
| Depreciation expenses claimed (see text) .... farms \$1,000   | 1,290<br>80,981                      | 1,221<br>74,176                      | 1,210<br>72,822                      | 69<br>6,805                   | 57<br>(D)                    | 56<br>2,665   |  |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>  |                                      |                                      |                                      |                               |                              |   |  |
| Net cash farm income of operations (see text) .... farms \$1,000  | 1,807<br>240,083                     | 1,690<br>194,634                     | 1,655<br>(D)                         | 117<br>45,449                 | 83<br>25,990                 | 201<br>7,236  |  |
| Average per farm .....  | 132,863                              | 115,168                              | (D)                                  | 388,453                       | 313,138                      | 36,002  |  |
| Farms with net gains <sup>4</sup> .... number   | 1,127                                | 1,071                                | 1,038                                | 56                            | 52                           | 83  |  |
| Average net gain .... dollars   | 254,205                              | 221,798                              | 223,711                              | 873,985                       | 561,321                      | 116,812   |  |
| Gain of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 34<br>116<br>126<br>80<br>132<br>639 | 34<br>109<br>126<br>75<br>119<br>608 | 29<br>109<br>109<br>73<br>118<br>600 | -<br>7<br>-<br>5<br>13<br>31  | -<br>7<br>-<br>5<br>13<br>27 | 11<br>43<br>1<br>17<br>3<br>8                                 |  |
| Farms with net losses .... number   | 680                                  | 619                                  | 617                                  | 61                            | 31                           | 118   |  |
| Average net loss .... dollars   | 68,244                               | 69,324                               | (D)                                  | 57,281                        | 103,169                      | 20,840  |  |
| Loss of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 17<br>88<br>137<br>113<br>80<br>245  | 17<br>85<br>116<br>102<br>73<br>226  | 17<br>85<br>116<br>102<br>73<br>224  | -<br>3<br>21<br>11<br>7<br>19 | -<br>3<br>-<br>2<br>7<br>19  | 38<br>44<br>11<br>3<br>8<br>14                                |  |
| Net cash farm income of operators (see text) .... farms \$1,000   | 1,807<br>239,071                     | 1,690<br>193,472                     | 1,655<br>(D)                         | 117<br>45,598                 | 83<br>26,163                 | 201<br>7,135  |  |
| Average per farm .....  | 132,302                              | 114,481                              | (D)                                  | 389,730                       | 315,220                      | 35,496  |  |
| Operators reporting net gains <sup>4</sup> .... farms   | 1,127                                | 1,071                                | 1,038                                | 56                            | 52                           | 83  |  |
| Average net gain .... dollars   | 252,551                              | 219,918                              | 221,777                              | 876,653                       | 564,644                      | 115,588   |  |
| Gain of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 28<br>121<br>126<br>87<br>131<br>634 | 28<br>114<br>126<br>82<br>118<br>603 | 23<br>114<br>109<br>80<br>117<br>595 | -<br>7<br>-<br>5<br>13<br>31  | -<br>7<br>-<br>5<br>13<br>27 | 11<br>43<br>1<br>17<br>3<br>8                                 |  |
| Operators reporting net losses .... farms   | 680                                  | 619                                  | 617                                  | 61                            | 31                           | 118   |  |
| Average net loss .... dollars   | 66,992                               | 67,948                               | (D)                                  | 57,281                        | 103,169                      | 20,840  |  |
| Loss of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 16<br>86<br>135<br>115<br>77<br>251  | 16<br>83<br>114<br>104<br>70<br>232  | 16<br>83<br>114<br>104<br>70<br>230  | -<br>3<br>21<br>11<br>7<br>19 | -<br>3<br>-<br>2<br>7<br>19  | 38<br>44<br>11<br>3<br>8<br>14                                |  |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>  |                                      |                                      |                                      |                               |                              |   |  |
| Total .... farms \$1,000  | 112<br>7,985                         | 108<br>7,962                         | 107<br>(D)                           | 4<br>23                       | 4<br>23                      | 7<br>66   |  |
| <b>INCOME FROM FARM-RELATED SOURCES</b>   |                                      |                                      |                                      |                               |                              |   |  |
| Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000   | 770<br>26,636                        | 718<br>25,553                        | 711<br>25,455                        | 52<br>1,083                   | 44<br>944                    | 63<br>1,226   |  |
| Customwork and other agricultural services .... farms \$1,000   | 192<br>5,509                         | 185<br>5,434                         | 185<br>5,434                         | 7<br>75                       | 5<br>(D)                     | 5<br>(D)  |  |
| Gross cash rent or share payments .... farms \$1,000  | 185<br>3,173                         | 175<br>3,133                         | 174<br>(D)                           | 10<br>40                      | 7<br>(D)                     | 26<br>180   |  |
| Sales of forest products, excluding Christmas trees and maple products .... farms \$1,000   | 60<br>1,135                          | 59<br>(D)                            | 57<br>(D)                            | 1<br>(D)                      | 1<br>(D)                     | 11<br>(D)   |  |
| Recreational services (see text) .... farms \$1,000   | 43<br>1,030                          | 35<br>657                            | 32<br>(D)                            | 8<br>373                      | 8<br>373                     | 5<br>3  |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total           | Individual or family | Partnership  |                            |
|---|-----------------|----------------------|--------------|----------------------------|
|   |                 |                      | Total        | Registered under state law |
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>  |                 |                      |              |                            |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                                 |                 |                      |              |                            |
| Patronage dividends and refunds from cooperatives (see text) . . . . . farms \$1,000                                      | 3,247<br>8,745  | 2,533<br>4,846       | 460<br>2,173 | 328<br>1,916               |
| Other farm-related income sources (see text) . . . . . farms \$1,000  | 5,177<br>51,067 | 4,344<br>29,332      | 462<br>7,175 | 308<br>5,548               |
| <b>LAND USE</b>   |                 |                      |              |                            |
| Total cropland . . . . . farms  | 47,904          | 43,149               | 2,918        | 1,724                      |
| acres   | 7,983,574       | 5,674,191            | 1,498,100    | 1,112,337                  |
| Harvested cropland . . . . . farms  | 38,244          | 34,038               | 2,657        | 1,593                      |
| acres   | 6,827,903       | 4,689,097            | 1,397,331    | 1,045,556                  |
| Farms by acres harvested:   |                 |                      |              |                            |
| 1 to 49 acres . . . . .   | 20,486          | 19,144               | 716          | 403                        |
| 50 to 99 acres . . . . .  | 5,571           | 5,144                | 287          | 126                        |
| 100 to 199 acres . . . . .  | 4,350           | 3,891                | 341          | 142                        |
| 200 to 499 acres . . . . .  | 4,188           | 3,523                | 466          | 289                        |
| 500 to 999 acres . . . . .  | 2,181           | 1,545                | 422          | 299                        |
| 1,000 to 1,999 acres . . . . .  | 1,094           | 648                  | 273          | 208                        |
| 2,000 acres or more . . . . .   | 374             | 143                  | 152          | 126                        |
| Cropland-   |                 |                      |              |                            |
| For pasture or grazing only . . . . . farms   | 16,190          | 14,974               | 823          | 459                        |
| acres   | 409,296         | 354,729              | 37,103       | 22,215                     |
| On which all crops failed . . . . . farms   | 3,113           | 2,802                | 210          | 120                        |
| acres   | 69,071          | 58,981               | 6,615        | 4,604                      |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms | 15,120          | 13,715               | 790          | 460                        |
| acres   | 607,936         | 519,143              | 47,659       | 33,318                     |
| In cultivated summer fallow . . . . . farms   | 2,567           | 2,259                | 215          | 136                        |
| acres   | 69,368          | 52,241               | 9,392        | 6,644                      |
| Total woodland . . . . . farms  | 27,818          | 25,093               | 1,785        | 1,045                      |
| acres   | 1,224,237       | 996,568              | 142,737      | 100,184                    |
| Woodland pastured . . . . . farms   | 5,316           | 4,850                | 313          | 167                        |
| acres   | 162,169         | 131,775              | 16,609       | 9,365                      |
| Woodland not pastured . . . . . farms   | 24,853          | 22,370               | 1,635        | 959                        |
| acres   | 1,062,068       | 864,793              | 126,128      | 90,819                     |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms                           | 11,447          | 10,490               | 603          | 345                        |
| acres   | 254,062         | 215,484              | 20,620       | 11,815                     |
| Land in house lots, ponds, roads, wasteland, etc. . . . . farms   | 35,435          | 31,874               | 2,204        | 1,333                      |
| acres   | 681,085         | 544,464              | 75,853       | 53,935                     |
| Irrigated land . . . . . farms  | 4,413           | 3,263                | 460          | 356                        |
| acres   | 456,278         | 237,811              | 113,976      | 92,394                     |
| Harvested cropland . . . . . farms  | 4,244           | 3,102                | 460          | 356                        |
| acres   | 453,968         | (D)                  | 113,833      | (D)                        |
| Pastureland and other land . . . . . farms  | 235             | 212                  | 6            | 5                          |
| acres   | 2,310           | (D)                  | 143          | (D)                        |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>  |                 |                      |              |                            |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms  | 6,593           | 5,978                | 360          | 200                        |
| acres   | 296,666         | 262,297              | 17,386       | 9,845                      |
| Land used to raise certified organically produced crops (see text) . . . . . farms  | 281             | 244                  | 28           | 11                         |
| acres   | 25,386          | 18,841               | (D)          | 1,594                      |
| Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms                                      | 7,921           | 6,310                | 1,023        | 720                        |
| acres   | 3,401,787       | 2,141,867            | 806,941      | 635,070                    |
| <b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>  |                 |                      |              |                            |
| Estimated market value of land and buildings . . . . . farms  | 53,296          | 47,919               | 3,369        | 1,999                      |
| \$1,000   | 27,143,604      | 20,238,719           | 4,258,641    | 3,263,045                  |
| Average per farm . . . . . dollars  | 509,299         | 422,353              | 1,264,067    | 1,632,339                  |
| Average per acre . . . . . dollars  | 2,667           | 2,718                | 2,387        | 2,413                      |
| Farms by value group:   |                 |                      |              |                            |
| \$1 to \$49,999 . . . . .   | 3,811           | 3,475                | 185          | 97                         |
| \$50,000 to \$99,999 . . . . .  | 5,335           | 5,085                | 162          | 63                         |
| \$100,000 to \$199,999 . . . . .  | 13,564          | 12,868               | 543          | 269                        |
| \$200,000 to \$499,999 . . . . .  | 17,482          | 16,243               | 680          | 336                        |
| \$500,000 to \$999,999 . . . . .  | 6,913           | 6,015                | 616          | 323                        |
| \$1,000,000 to \$1,999,999 . . . . .  | 3,640           | 2,660                | 595          | 428                        |
| \$2,000,000 to \$4,999,999 . . . . .  | 2,074           | 1,380                | 406          | 326                        |
| \$5,000,000 to \$9,999,999 . . . . .  | 396             | 166                  | 153          | 129                        |
| \$10,000,000 or more . . . . .  | 81              | 27                   | 29           | 28                         |

See footnote(s) at end of table.

-continued

**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total           | Corporation     |                            |                        |                            | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|---|-----------------|-----------------|----------------------------|------------------------|----------------------------|---|--|
|   |                 | Family held     |                            | Other than family held |                            |   |  |
|   |                 | Total           | 10 or less<br>stockholders | Total                  | 10 or less<br>stockholders |   |  |
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>  |                 |                 |                            |                        |                            |   |  |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                                       |                 |                 |                            |                        |                            |   |  |
| Patronage dividends and refunds from cooperatives (see text) . . . . . farms \$1,000  | 248 1,668       | 236 (D)         | 232 1,612                  | 12 (D)                 | 12 (D)                     | 6 57  |  |
| Other farm-related income sources (see text) . . . . . farms \$1,000  | 348 14,120      | 322 13,589      | 321 (D)                    | 26 530                 | 21 449                     | 23 441  |  |
| <b>LAND USE</b>   |                 |                 |                            |                        |                            |   |  |
| Total cropland . . . . . farms acres  | 1,618 777,445   | 1,504 752,520   | 1,480 741,566              | 114 24,925             | 105 19,808                 | 219 33,838  |  |
| Harvested cropland . . . . . farms acres  | 1,425 716,933   | 1,346 698,662   | 1,325 689,488              | 79 18,271              | 74 (D)                     | 124 24,542  |  |
| Farms by acres harvested:   |                 |                 |                            |                        |                            |   |  |
| 1 to 49 acres . . . . .   | 553             | 505             | 492                        | 48                     | 45                         | 73  |  |
| 50 to 99 acres . . . . .  | 119             | 110             | 109                        | 9                      | 9                          | 21  |  |
| 100 to 199 acres . . . . .  | 105             | 99              | 98                         | 6                      | 6                          | 13  |  |
| 200 to 499 acres . . . . .  | 191             | 187             | 187                        | 4                      | 3                          | 8   |  |
| 500 to 999 acres . . . . .  | 212             | 205             | 203                        | 7                      | 7                          | 2   |  |
| 1,000 to 1,999 acres . . . . .  | 170             | 166             | 164                        | 4                      | 4                          | 3   |  |
| 2,000 acres or more . . . . .   | 75              | 74              | 72                         | 1                      | -                          | 4   |  |
| Cropland-   |                 |                 |                            |                        |                            |   |  |
| For pasture or grazing only . . . . . farms acres   | 353 14,686      | 327 (D)         | 324 (D)                    | 26 (D)                 | 26 (D)                     | 40 2,778  |  |
| On which all crops failed . . . . . farms acres   | 82 3,175        | 79 3,131        | 78 (D)                     | 3 44                   | 3 44                       | 19 300  |  |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms acres | 493 35,075      | 454 32,357      | 443 31,460                 | 39 2,718               | 35 (D)                     | 122 6,059   |  |
| In cultivated summer fallow . . . . . farms acres   | 83 7,576        | 76 (D)          | 76 (D)                     | 7 (D)                  | 6 50                       | 10 159  |  |
| Total woodland . . . . . farms acres  | 810 69,219      | 771 65,268      | 759 63,491                 | 39 3,951               | 36 3,868                   | 130 15,713  |  |
| Woodland pastured . . . . . farms acres   | 137 (D)         | 125 8,902       | 119 7,774                  | 12 (D)                 | 12 (D)                     | 16 (D)  |  |
| Woodland not pastured . . . . . farms acres   | 728 (D)         | 700 56,366      | 692 55,717                 | 28 (D)                 | 25 (D)                     | 120 (D)   |  |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms acres                           | 316 15,984      | 292 13,202      | 292 13,202                 | 24 2,782               | 17 (D)                     | 38 1,974  |  |
| Land in house lots, ponds, roads, wasteland, etc. . . . . farms acres   | 1,199 48,701    | 1,123 44,783    | 1,108 44,233               | 76 3,918               | 70 (D)                     | 158 12,067  |  |
| Irrigated land . . . . . farms acres  | 649 96,826      | 602 91,901      | 592 89,957                 | 47 4,925               | 45 (D)                     | 41 7,665  |  |
| Harvested cropland . . . . . farms acres  | 641 96,519      | 594 91,594      | 585 (D)                    | 47 4,925               | 45 (D)                     | 41 (D)  |  |
| Pastureland and other land . . . . . farms acres  | 16 307          | 16 307          | 15 (D)                     | -                      | -                          | 1 (D)   |  |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>  |                 |                 |                            |                        |                            |   |  |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms acres  | 185 13,325      | 170 11,621      | 168 (D)                    | 15 1,704               | 11 1,395                   | 70 3,658  |  |
| Land used to raise certified organically produced crops (see text) . . . . . farms acres  | 8 2,833         | 8 2,833         | 8 2,833                    | -                      | -                          | 1 (D)   |  |
| Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms acres                                      | 567 442,860     | 541 433,778     | 536 427,515                | 26 9,082               | 25 (D)                     | 21 10,119   |  |
| <b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>  |                 |                 |                            |                        |                            |   |  |
| Estimated market value of land and buildings . . . . . farms \$1,000  | 1,807 2,506,588 | 1,690 2,352,567 | 1,655 2,326,131            | 117 154,020            | 83 120,749                 | 201 139,656   |  |
| Average per farm . . . . . dollars  | 1,387,154       | 1,392,052       | 1,405,517                  | 1,316,413              | 1,454,809                  | 694,805   |  |
| Average per acre . . . . . dollars  | 2,794           | 2,724           | 2,736                      | 4,635                  | 4,585                      | 2,668   |  |
| Farms by value group:   |                 |                 |                            |                        |                            |   |  |
| \$1 to \$49,999 . . . . .   | 137             | 129             | 111                        | 8                      | 8                          | 14  |  |
| \$50,000 to \$99,999 . . . . .  | 73              | 65              | 65                         | 8                      | 8                          | 15  |  |
| \$100,000 to \$199,999 . . . . .  | 89              | 85              | 80                         | 4                      | 4                          | 64  |  |
| \$200,000 to \$499,999 . . . . .  | 495             | 461             | 458                        | 34                     | 13                         | 64  |  |
| \$500,000 to \$999,999 . . . . .  | 266             | 246             | 245                        | 20                     | 8                          | 16  |  |
| \$1,000,000 to \$1,999,999 . . . . .  | 369             | 338             | 334                        | 31                     | 31                         | 16  |  |
| \$2,000,000 to \$4,999,999 . . . . .  | 284             | 279             | 277                        | 5                      | 5                          | 4   |  |
| \$5,000,000 to \$9,999,999 . . . . .  | 73              | 68              | 66                         | 5                      | 5                          | 4   |  |
| \$10,000,000 or more . . . . .  | 21              | 19              | 19                         | 2                      | 1                          | 4   |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total     | Individual or family | Partnership |                            |
|--|-----------|----------------------|-------------|----------------------------|
|  |           |                      | Total       | Registered under state law |
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>  |           |                      |             |                            |
| Estimated market value of all machinery and equipment . . . . . farms \$,000                   | 50,891    | 45,607               | 3,293       | 1,965                      |
|  | 3,761,334 | 2,696,421            | 627,886     | 474,226                    |
| Farms by value group:  |           |                      |             |                            |
| \$1 to \$4,999 . . . . .   | 7,859     | 7,426                | 279         | 131                        |
| \$5,000 to \$9,999 . . . . .   | 6,747     | 6,381                | 229         | 120                        |
| \$10,000 to \$19,999 . . . . .   | 7,922     | 7,500                | 243         | 139                        |
| \$20,000 to \$49,999 . . . . .   | 12,075    | 11,140               | 591         | 259                        |
| \$50,000 to \$99,999 . . . . .   | 6,659     | 5,937                | 433         | 226                        |
| \$100,000 to \$199,999 . . . . .   | 4,515     | 3,802                | 478         | 290                        |
| \$200,000 to \$499,999 . . . . .   | 3,831     | 2,749                | 672         | 490                        |
| \$500,000 or more . . . . .  | 1,283     | 672                  | 368         | 310                        |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>  |           |                      |             |                            |
| Tractors . . . . . farms number  | 47,627    | 42,554               | 3,143       | 1,841                      |
|  | 137,474   | 114,025              | 15,221      | 10,031                     |
| Less than 40 horsepower (PTO) . . . . . farms number   | 27,941    | 25,093               | 1,770       | 1,052                      |
| 40 to 99 horsepower (PTO) . . . . . farms number   | 45,749    | 39,708               | 3,830       | 2,555                      |
| 100 horsepower (PTO) or more . . . . . farms number  | 15,011    | 12,597               | 2,452       | 1,436                      |
|  | 30,269    | 22,847               | 6,276       | 3,871                      |
| Grain and bean combines (see text) . . . . . farms number                                      | 12,487    | 10,457               | 1,552       | 952                        |
|  | 14,308    | 11,846               | 1,857       | 1,154                      |
| Cotton pickers and strippers . . . . . farms number  | -         | -                    | -           | -                          |
| Forage harvesters, self-propelled (see text) . . . . . farms number                            | 1,933     | 1,560                | 263         | 194                        |
|  | 2,240     | 1,808                | 306         | 219                        |
| Hay balers . . . . . farms number  | 18,508    | 16,836               | 1,274       | 667                        |
|  | 23,012    | 20,736               | 1,752       | 924                        |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>   |           |                      |             |                            |
| Commercial fertilizer, lime, and soil conditioners . . . . . farms acres treated               | 25,388    | 21,823               | 2,372       | 1,486                      |
|  | 5,476,283 | 3,636,611            | 1,218,412   | 938,606                    |
| Manure . . . . . farms acres treated   | 11,955    | 10,404               | 1,147       | 746                        |
|  | 700,621   | 432,848              | 172,186     | 145,322                    |
| Acres treated with chemicals to control:   |           |                      |             |                            |
| Insects . . . . . farms acres  | 8,314     | 6,593                | 942         | 711                        |
|  | 990,827   | 564,162              | 246,538     | 205,723                    |
| Weeds, grass, or brush . . . . . farms acres   | 18,709    | 15,889               | 1,830       | 1,178                      |
|  | 4,387,194 | 2,898,275            | 994,474     | 769,108                    |
| Nematodes . . . . . farms acres  | 971       | 750                  | 141         | 89                         |
| Diseases in crops and orchards . . . . . farms acres   | 86,159    | 48,728               | (D)         | 15,257                     |
|  | 3,315     | 2,444                | 464         | 313                        |
|  | 346,183   | 143,347              | 98,006      | 80,950                     |
| Chemicals used to control growth, thin fruit, or defoliate . . . . . farms acres on which used | 1,062     | 690                  | 207         | 153                        |
|  | 86,216    | 29,602               | 29,466      | 24,603                     |
| <b>TENURE</b>  |           |                      |             |                            |
| Full owners . . . . . farms  | 37,089    | 34,330               | 1,547       | 868                        |
| Part owners . . . . . farms  | 14,199    | 12,112               | 1,435       | 917                        |
| Tenants . . . . . farms  | 2,027     | 1,628                | 190         | 98                         |
| <b>OWNED AND RENTED LAND</b>   |           |                      |             |                            |
| Land owned . . . . . farms acres   | 51,404    | 46,547               | 2,986       | 1,786                      |
|  | 6,811,257 | 5,290,524            | 967,283     | 690,879                    |
| Owned land in farms . . . . . farms acres  | 51,288    | 46,442               | 2,982       | 1,785                      |
|  | 6,272,344 | 4,830,194            | 925,552     | 660,506                    |
| Land rented or leased from others . . . . . farms acres  | 16,374    | 13,870               | 1,637       | 1,024                      |
|  | 3,908,154 | 2,623,014            | 817,782     | 622,694                    |
| Rented or leased land in farms . . . . . farms acres   | 16,226    | 13,740               | 1,625       | 1,015                      |
|  | 3,870,614 | 2,600,513            | 811,758     | 617,765                    |
| Land rented or leased to others . . . . . farms acres  | 8,026     | 7,312                | 441         | 268                        |
|  | 576,453   | 482,831              | 47,755      | 35,302                     |
| <b>NUMBER OF OPERATORS</b>   |           |                      |             |                            |
| Total operators . . . . . number   | 79,883    | 68,796               | 6,965       | 4,300                      |
| Farms by number of operators:  |           |                      |             |                            |
| 1 operator . . . . .   | 31,833    | 30,508               | 458         | 265                        |
| 2 operators . . . . .  | 18,086    | 15,375               | 1,978       | 1,087                      |
| 3 operators . . . . .  | 2,376     | 1,551                | 518         | 368                        |
| 4 operators . . . . .  | 693       | 450                  | 150         | 106                        |
| 5 or more operators . . . . .  | 327       | 186                  | 68          | 57                         |
| Total women operators . . . . . number   | 22,560    | 20,119               | 1,287       | 781                        |
| Farms by number of women operators:  |           |                      |             |                            |
| 1 operator . . . . .   | 19,397    | 17,709               | 933         | 561                        |
| 2 operators . . . . .  | 1,238     | 965                  | 154         | 96                         |
| 3 operators . . . . .  | 152       | 114                  | 14          | 8                          |
| 4 operators . . . . .  | 28        | 21                   | 1           | 1                          |
| 5 or more operators . . . . .  | 16        | 9                    | -           | -                          |

See footnote(s) at end of table.

--continued

**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total         | Corporation   |                            |                        |                            | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|--|---------------|---------------|----------------------------|------------------------|----------------------------|---|--|
|  |               | Family held   |                            | Other than family held |                            |   |  |
|  |               | Total         | 10 or less<br>stockholders | Total                  | 10 or less<br>stockholders |   |  |
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>  |               |               |                            |                        |                            |   |  |
| Estimated market value of all machinery and equipment . . . . . farms \$1,000                  | 1,791 423,489 | 1,674 399,854 | 1,639 394,194              | 117 23,635             | 83 13,784                  | 200 13,538  |  |
| Farms by value group:  |               |               |                            |                        |                            |   |  |
| \$1 to \$4,999 . . . . .   | 128           | 128           | 128                        | -                      | -                          | 26  |  |
| \$5,000 to \$9,999 . . . . .   | 86            | 82            | 77                         | 4                      | 4                          | 51  |  |
| \$10,000 to \$19,999 . . . . .   | 131           | 120           | 119                        | 11                     | 11                         | 48  |  |
| \$20,000 to \$49,999 . . . . .   | 319           | 282           | 265                        | 37                     | 7                          | 25  |  |
| \$50,000 to \$99,999 . . . . .   | 270           | 240           | 239                        | 30                     | 29                         | 19  |  |
| \$100,000 to \$199,999 . . . . .   | 220           | 213           | 208                        | 7                      | 7                          | 15  |  |
| \$200,000 to \$499,999 . . . . .   | 400           | 381           | 378                        | 19                     | 17                         | 10  |  |
| \$500,000 or more . . . . .  | 237           | 228           | 225                        | 9                      | 8                          | 6   |  |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>  |               |               |                            |                        |                            |   |  |
| Tractors . . . . . farms number  | 1,740 7,699   | 1,623 7,227   | 1,588 7,089                | 117 472                | 83 282                     | 190 529   |  |
| Less than 40 horsepower (PTO) . . . . . farms number   | 959 905       | 883 54        | 54                         | (D)                    | 29                         | 119   |  |
| 40 to 99 horsepower (PTO) . . . . . farms number   | 1,993 1,199   | 1,892 1,122   | 1,852 1,107                | 101 77                 | 67                         | 218 130   |  |
| 100 horsepower (PTO) or more . . . . . farms number  | 3,463 646     | 3,141 611     | 3,092 20                   | 322 166                | 166                        | 247   |  |
| Grain and bean combines (see text) . . . . . farms number                                      | 457 580       | 450 571       | 441 561                    | 7 9                    | 7 9                        | 21 25   |  |
| Cotton pickers and strippers . . . . . farms number  | - -           | - -           | - -                        | - -                    | - -                        | - -   |  |
| Forage harvesters, self-propelled (see text) . . . . . farms number                            | 107 123       | 100 113       | 99 (D)                     | 7 10                   | 7 10                       | 3 3   |  |
| Hay balers . . . . . farms number  | 350 458       | 336 434       | 327 423                    | 14 24                  | 13 (D)                     | 48 66   |  |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>   |               |               |                            |                        |                            |   |  |
| Commercial fertilizer, lime, and soil conditioners . . . . . farms acres treated               | 1,136 604,175 | 1,077 589,239 | 1,068 582,574              | 59 14,936              | 56 (D)                     | 57 17,085   |  |
| Manure . . . . . farms acres treated   | 379 87,605    | 359 86,910    | 357 (D)                    | 20 695                 | 19 (D)                     | 25 7,982  |  |
| Acres treated with chemicals to control:   |               |               |                            |                        |                            |   |  |
| Insects . . . . . farms acres  | 755 177,092   | 713 170,393   | 693 168,690                | 42 6,699               | 40 (D)                     | 24 3,035  |  |
| Weeds, grass, or brush . . . . . farms acres   | 945 486,456   | 896 474,917   | 873 466,963                | 49 11,539              | 46 (D)                     | 45 7,989  |  |
| Nematodes . . . . . farms acres  | 78 18,945     | 73 18,092     | 55 (D)                     | 5 853                  | 3 (D)                      | 2 (D)   |  |
| Diseases in crops and orchards . . . . . farms acres   | 391 104,458   | 359 97,667    | 359 97,667                 | 32 6,791               | 29 (D)                     | 16 372  |  |
| Chemicals used to control growth, thin fruit, or defoliate . . . . . farms acres on which used | 157 26,916    | 151 26,204    | 151 26,204                 | 6 712                  | 5 (D)                      | 8 232   |  |
| <b>TENURE</b>  |               |               |                            |                        |                            |   |  |
| Full owners . . . . . farms  | 1,004         | 921           | 907                        | 83                     | 74                         | 208   |  |
| Part owners . . . . . farms  | 613           | 592           | 582                        | 21                     | 20                         | 39  |  |
| Tenants . . . . . farms  | 200           | 170           | 170                        | 30                     | 24                         | 9   |  |
| <b>OWNED AND RENTED LAND</b>   |               |               |                            |                        |                            |   |  |
| Land owned . . . . . farms acres   | 1,623 495,959 | 1,518 470,921 | 1,494 462,998              | 105 25,038             | 95 20,635                  | 248 57,491  |  |
| Owned land in farms . . . . . farms acres  | 1,617 463,158 | 1,513 439,798 | 1,489 (D)                  | 104 23,360             | 94 (D)                     | 247 53,440  |  |
| Land rented or leased from others . . . . . farms acres  | 819 457,129   | 768 444,808   | 758 (D)                    | 51 12,321              | 44 (D)                     | 48 10,229   |  |
| Rented or leased land in farms . . . . . farms acres   | 813 448,191   | 762 435,975   | 752 (D)                    | 51 12,216              | 44 (D)                     | 48 10,152   |  |
| Land rented or leased to others . . . . . farms acres  | 242 41,739    | 223 39,956    | 222 (D)                    | 19 1,783               | 15 1,303                   | 31 4,128  |  |
| <b>NUMBER OF OPERATORS</b>   |               |               |                            |                        |                            |   |  |
| Total operators . . . . . number   | 3,621         | 3,340         | 3,294                      | 281                    | 258                        | 501   |  |
| Farms by number of operators:  |               |               |                            |                        |                            |   |  |
| 1 operator . . . . .   | 706           | 650           | 638                        | 56                     | 44                         | 161   |  |
| 2 operators . . . . .  | 684           | 640           | 633                        | 44                     | 43                         | 49  |  |
| 3 operators . . . . .  | 283           | 256           | 254                        | 27                     | 24                         | 24  |  |
| 4 operators . . . . .  | 85            | 82            | 81                         | 3                      | 3                          | 8   |  |
| 5 or more operators . . . . .  | 59            | 55            | 53                         | 4                      | 4                          | 14  |  |
| Total women operators . . . . . number   | 986           | 897           | 889                        | 89                     | 84                         | 168   |  |
| Farms by number of women operators:  |               |               |                            |                        |                            |   |  |
| 1 operator . . . . .   | 682           | 636           | 631                        | 46                     | 41                         | 73  |  |
| 2 operators . . . . .  | 106           | 100           | 100                        | 6                      | 6                          | 13  |  |
| 3 operators . . . . .  | 18            | 13            | 12                         | 5                      | 5                          | 6   |  |
| 4 operators . . . . .  | 2             | 2             | 2                          | 2                      | 2                          | 4   |  |
| 5 or more operators . . . . .  | 4             | 2             | 2                          | 2                      | 2                          | 3   |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total          | Individual or family            | Partnership         |                                 |                                 |
|--|----------------|---------------------------------|---------------------|---------------------------------|---------------------------------|
|  |                |                                 | Total               | Registered under state law      |                                 |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |                |                                 |                     |                                 |                                 |
| Sex of operator:   |                |                                 |                     |                                 |                                 |
| Male .....   | 47,411         | 42,685                          | 2,955               | 1,738                           |                                 |
| Female .....   | 5,904          | 5,385                           | 217                 | 145                             |                                 |
| Primary occupation:  |                |                                 |                     |                                 |                                 |
| Farming .....  | 29,071         | 25,493                          | 2,147               | 1,398                           |                                 |
| Other .....  | 24,244         | 22,577                          | 1,025               | 485                             |                                 |
| Place of residence:  |                |                                 |                     |                                 |                                 |
| On farm operated .....                                       | 46,192         | 42,265                          | 2,507               | 1,485                           |                                 |
| Not on farm operated .....                                   | 7,123          | 5,805                           | 665                 | 398                             |                                 |
| Days worked off farm:  |                |                                 |                     |                                 |                                 |
| None .....   | 23,109         | 19,970                          | 1,808               | 1,149                           |                                 |
| Any .....  | 30,206         | 28,100                          | 1,364               | 734                             |                                 |
| 1 to 49 days .....   | 2,751          | 2,463                           | 168                 | 112                             |                                 |
| 50 to 99 days .....  | 1,598          | 1,474                           | 74                  | 48                              |                                 |
| 100 to 199 days .....  | 3,510          | 3,224                           | 180                 | 97                              |                                 |
| 200 days or more .....                                       | 22,347         | 20,939                          | 942                 | 477                             |                                 |
| Years on present farm:                                       |                |                                 |                     |                                 |                                 |
| 2 years or less .....  | 1,537          | 1,404                           | 71                  | 42                              |                                 |
| 3 or 4 years .....   | 3,154          | 2,885                           | 138                 | 89                              |                                 |
| 5 to 9 years .....   | 8,777          | 8,061                           | 385                 | 207                             |                                 |
| 10 years or more .....                                       | 39,847         | 35,720                          | 2,578               | 1,545                           |                                 |
| Average years on present farm .....                          | 21.5           | 21.3                            | 24.8                | 24.5                            |                                 |
| Age group:   |                |                                 |                     |                                 |                                 |
| Under 25 years .....   | 435            | 412                             | 13                  | 5                               |                                 |
| 25 to 34 years .....   | 2,532          | 2,288                           | 153                 | 82                              |                                 |
| 35 to 44 years .....   | 10,489         | 9,482                           | 560                 | 362                             |                                 |
| 45 to 49 years .....   | 7,462          | 6,690                           | 455                 | 291                             |                                 |
| 50 to 54 years .....   | 7,765          | 6,916                           | 449                 | 275                             |                                 |
| 55 to 59 years .....   | 6,666          | 6,010                           | 387                 | 249                             |                                 |
| 60 to 64 years .....   | 6,014          | 5,441                           | 356                 | 221                             |                                 |
| 65 to 69 years .....   | 4,407          | 4,012                           | 279                 | 156                             |                                 |
| 70 years and over .....                                      | 7,545          | 6,819                           | 520                 | 242                             |                                 |
| Average age .....  | 54.2           | 54.2                            | 55.1                | 54.1                            |                                 |
| Spanish, Hispanic, or Latino origin (see text) .....         | 828            | 770                             | 42                  | 24                              |                                 |
| Race:  |                |                                 |                     |                                 |                                 |
| White .....  | 52,795         | 47,589                          | 3,149               | 1,866                           |                                 |
| Black or African American .....                              | 184            | 165                             | 15                  | 11                              |                                 |
| American Indian or Alaska Native .....                       | 146            | 142                             | 3                   | 2                               |                                 |
| Native Hawaiian or Other Pacific Islander .....              | 13             | 13                              | -                   | -                               |                                 |
| Asian .....  | 30             | 21                              | 2                   | 2                               |                                 |
| More than one race reported .....                            | 147            | 140                             | 3                   | 2                               |                                 |
| Operators living on an American Indian reservation .....     | 76             | 73                              | 2                   | 1                               |                                 |
| Farms by number of persons living in operator's household:   |                |                                 |                     |                                 |                                 |
| 1 person .....   | 5,692          | 5,255                           | 230                 | 120                             |                                 |
| 2 people .....   | 24,554         | 22,077                          | 1,560               | 890                             |                                 |
| 3 people .....   | 7,823          | 7,060                           | 468                 | 273                             |                                 |
| 4 people .....   | 8,162          | 7,350                           | 466                 | 310                             |                                 |
| 5 or more people .....                                       | 7,084          | 6,328                           | 448                 | 290                             |                                 |
| Percent of operator's total household income from farming:   |                |                                 |                     |                                 |                                 |
| Less than 25 percent .....                                   | 34,565         | 32,362                          | 1,465               | 740                             |                                 |
| 25 to 49 percent .....                                       | 5,262          | 4,792                           | 320                 | 175                             |                                 |
| 50 to 74 percent .....                                       | 4,734          | 4,089                           | 442                 | 274                             |                                 |
| 75 to 99 percent .....                                       | 3,083          | 2,537                           | 329                 | 218                             |                                 |
| 100 percent .....  | 4,646          | 3,692                           | 535                 | 413                             |                                 |
| Operator is a hired manager .....                            | farms<br>acres | 1,025<br>396,227                | 598<br>109,403      | 81<br>45,624                    | 63<br>39,877                    |
| Farms with-  |                |                                 |                     |                                 |                                 |
| Computer for farm business .....                             | 20,937         | 17,631                          | 1,772               | 1,222                           |                                 |
| Internet access .....  | 27,663         | 24,303                          | 1,856               | 1,214                           |                                 |
| Farms by number of households sharing in net income of farm: |                |                                 |                     |                                 |                                 |
| 1 household .....  | 43,032         | 41,036                          | 909                 | 494                             |                                 |
| 2 households .....   | 6,815          | 4,856                           | 1,596               | 889                             |                                 |
| 3 households .....   | 1,345          | 755                             | 416                 | 301                             |                                 |
| 4 households .....   | 603            | 457                             | 104                 | 79                              |                                 |
| 5 households or more .....                                   | 495            | 368                             | 66                  | 57                              |                                 |
| <b>FARMS BY TYPE OF ORGANIZATION</b>                         |                |                                 |                     |                                 |                                 |
| Family or individual .....                                   | farms<br>acres | 48,070<br>7,430,707             | 48,070<br>7,430,707 | -                               | -                               |
| Partnership .....  | farms<br>acres | 3,172                           | -                   | 3,172                           | 1,883                           |
| Registered under state law .....                             | farms<br>acres | 1,737,310<br>1,883<br>1,278,271 | -                   | 1,737,310<br>1,883<br>1,278,271 | 1,278,271<br>1,883<br>1,278,271 |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total          | Corporation    |                            |                        |                            | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|--|----------------|----------------|----------------------------|------------------------|----------------------------|---|--|
|  |                | Family held    |                            | Other than family held |                            |   |  |
|  |                | Total          | 10 or less<br>stockholders | Total                  | 10 or less<br>stockholders |   |  |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |                |                |                            |                        |                            |   |  |
| Sex of operator:   |                |                |                            |                        |                            |   |  |
| Male .....   | 1,563          | 1,455          | 1,431                      | 108                    | 96                         | 208   |  |
| Female .....   | 254            | 228            | 228                        | 26                     | 22                         | 48  |  |
| Primary occupation:  |                |                |                            |                        |                            |   |  |
| Farming .....  | 1,327          | 1,252          | 1,237                      | 75                     | 70                         | 104   |  |
| Other .....  | 490            | 431            | 422                        | 59                     | 48                         | 152   |  |
| Place of residence:  |                |                |                            |                        |                            |   |  |
| On farm operated .....                                       | 1,272          | 1,207          | 1,192                      | 65                     | 60                         | 148   |  |
| Not on farm operated .....                                   | 545            | 476            | 467                        | 69                     | 58                         | 108   |  |
| Days worked off farm:  |                |                |                            |                        |                            |   |  |
| None .....   | 1,189          | 1,123          | 1,110                      | 66                     | 60                         | 142   |  |
| Any .....  | 628            | 560            | 549                        | 68                     | 58                         | 114   |  |
| 1 to 49 days .....   | 106            | 95             | 95                         | 11                     | 10                         | 14  |  |
| 50 to 99 days .....  | 43             | 41             | 40                         | 2                      | 2                          | 7   |  |
| 100 to 199 days .....  | 92             | 81             | 79                         | 11                     | 7                          | 14  |  |
| 200 days or more .....                                       | 387            | 343            | 335                        | 44                     | 39                         | 79  |  |
| Years on present farm:                                       |                |                |                            |                        |                            |   |  |
| 2 years or less .....  | 40             | 31             | 31                         | 9                      | 8                          | 22  |  |
| 3 or 4 years .....   | 105            | 88             | 88                         | 17                     | 13                         | 26  |  |
| 5 to 9 years .....   | 285            | 249            | 245                        | 36                     | 31                         | 46  |  |
| 10 years or more .....                                       | 1,387          | 1,315          | 1,295                      | 72                     | 66                         | 162   |  |
| Average years on present farm .....                          | 21.1           | 21.6           | 21.6                       | 14.3                   | 14.0                       | 20.2  |  |
| Age group:   |                |                |                            |                        |                            |   |  |
| Under 25 years .....   | 5              | 5              | 5                          | -                      | -                          | 5   |  |
| 25 to 34 years .....   | 74             | 65             | 64                         | 9                      | 8                          | 17  |  |
| 35 to 44 years .....   | 410            | 374            | 369                        | 36                     | 34                         | 37  |  |
| 45 to 49 years .....   | 283            | 260            | 255                        | 23                     | 22                         | 34  |  |
| 50 to 54 years .....   | 367            | 332            | 327                        | 35                     | 30                         | 33  |  |
| 55 to 59 years .....   | 240            | 226            | 223                        | 14                     | 9                          | 29  |  |
| 60 to 64 years .....   | 188            | 181            | 179                        | 7                      | 5                          | 29  |  |
| 65 to 69 years .....   | 103            | 97             | 94                         | 6                      | 6                          | 13  |  |
| 70 years and over .....                                      | 147            | 143            | 143                        | 4                      | 4                          | 59  |  |
| Average age .....  | 52.0           | 52.2           | 52.3                       | 49.1                   | 48.8                       | 56.3  |  |
| Spanish, Hispanic, or Latino origin (see text) .....         | 11             | 11             | 11                         | -                      | -                          | 5   |  |
| Race:  |                |                |                            |                        |                            |   |  |
| White .....  | 1,804          | 1,672          | 1,648                      | 132                    | 116                        | 253   |  |
| Black or African American .....                              | 4              | 2              | 2                          | 2                      | 2                          | -   |  |
| American Indian or Alaska Native .....                       | 1              | 1              | 1                          | -                      | -                          | -   |  |
| Native Hawaiian or Other Pacific Islander .....              | -              | -              | -                          | -                      | -                          | -   |  |
| Asian .....  | 6              | 6              | 6                          | -                      | -                          | 1   |  |
| More than one race reported .....                            | 2              | 2              | 2                          | -                      | -                          | 2   |  |
| Operators living on an American Indian reservation .....     | 1              | 1              | 1                          | -                      | -                          | -   |  |
| Farms by number of persons living in operator's household:   |                |                |                            |                        |                            |   |  |
| 1 person .....   | 164            | 146            | 144                        | 18                     | 16                         | 43  |  |
| 2 people .....   | 812            | 754            | 742                        | 58                     | 52                         | 105   |  |
| 3 people .....   | 249            | 230            | 225                        | 19                     | 12                         | 46  |  |
| 4 people .....   | 309            | 283            | 281                        | 26                     | 25                         | 37  |  |
| 5 or more people .....                                       | 283            | 270            | 267                        | 13                     | 13                         | 25  |  |
| Percent of operator's total household income from farming:   |                |                |                            |                        |                            |   |  |
| Less than 25 percent .....                                   | 594            | 538            | 531                        | 56                     | 50                         | 144   |  |
| 25 to 49 percent .....                                       | 134            | 122            | 122                        | 12                     | 10                         | 16  |  |
| 50 to 74 percent .....                                       | 193            | 185            | 183                        | 8                      | 8                          | 10  |  |
| 75 to 99 percent .....                                       | 208            | 200            | 200                        | 8                      | 8                          | 9   |  |
| 100 percent .....  | 409            | 390            | 380                        | 19                     | 19                         | 10  |  |
| Operator is a hired manager .....                            | farms<br>acres | 279<br>210,087 | 248<br>192,217             | 243<br>187,820         | 31<br>17,870               | 23<br>(D)<br>31,113   |  |
| Farms with-  |                |                |                            |                        |                            |   |  |
| Computer for farm business .....                             | 1,421          | 1,318          | 1,301                      | 103                    | 95                         | 113   |  |
| Internet access .....  | 1,355          | 1,255          | 1,236                      | 100                    | 89                         | 149   |  |
| Farms by number of households sharing in net income of farm: |                |                |                            |                        |                            |   |  |
| 1 household .....  | 927            | 867            | 855                        | 60                     | 53                         | 160   |  |
| 2 households .....   | 347            | 317            | 314                        | 30                     | 30                         | 16  |  |
| 3 households .....   | 167            | 157            | 156                        | 10                     | 10                         | 7   |  |
| 4 households .....   | 40             | 40             | 40                         | -                      | -                          | 2   |  |
| 5 households or more .....                                   | 57             | 54             | 51                         | 3                      | 2                          | 4   |  |
| <b>FARMS BY TYPE OF ORGANIZATION</b>                         |                |                |                            |                        |                            |   |  |
| Family or individual .....                                   | farms<br>acres | -              | -                          | -                      | -                          | -   |  |
| Partnership .....  | farms<br>acres | -              | -                          | -                      | -                          | -   |  |
| Registered under state law .....                             | farms<br>acres | -              | -                          | -                      | -                          | -   |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                      | Individual or family | Partnership |                            |
|--|----------------------------|----------------------|-------------|----------------------------|
|  |                            |                      | Total       | Registered under state law |
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>  |                            |                      |             |                            |
| Corporation .....  | farms<br>acres<br>911,349  | 1,817                | -           | -                          |
| Family held .....  | farms<br>acres<br>1,683    | -                    | -           | -                          |
| More than 10 stockholders .....  | farms<br>acres<br>875,773  | -                    | -           | -                          |
| 10 or less stockholders .....  | farms<br>acres<br>24       | -                    | -           | -                          |
| Other than family held .....   | farms<br>acres<br>35,576   | 134                  | -           | -                          |
| More than 10 stockholders .....  | farms<br>acres<br>16       | -                    | -           | -                          |
| 10 or less stockholders .....  | farms<br>acres<br>118      | -                    | -           | -                          |
| Other-cooperative, estate or trust, institutional, etc .....                         | farms<br>acres<br>256      | -                    | -           | -                          |
|  |                            | 63,592               | -           | -                          |
| <b>H HIRED FARM LABOR</b>  |                            |                      |             |                            |
| Hired farm labor .....   | farms<br>workers<br>86,855 | 12,279               | 9,477       | 1,512                      |
| Workers by days worked:  |                            |                      | 42,572      | 15,821                     |
| 150 days or more .....   | farms<br>workers<br>23,034 | 4,414                | 2,486       | 922                        |
| Less than 150 days .....   | farms<br>workers<br>63,821 | 10,635               | 7,606       | 5,227                      |
| Migrant farm labor on farms with hired labor (see text) .....                        | farms<br>workers<br>1,412  | 10,635               | 8,429       | 1,195                      |
| Migrant farm labor on farms reporting only contract labor (see text) .....           | farms<br>workers<br>143    | 63,821               | 34,966      | 10,594                     |
|  |                            |                      |             |                            |
| <b>F FARMS BY SIZE</b>   |                            |                      |             |                            |
| 1 to 9 acres .....   |                            | 3,235                | 2,873       | 162                        |
| 10 to 49 acres .....   |                            | 18,663               | 17,636      | 490                        |
| 50 to 69 acres .....   |                            | 4,425                | 4,130       | 171                        |
| 70 to 99 acres .....   |                            | 6,444                | 6,025       | 271                        |
| 100 to 139 acres .....   |                            | 4,573                | 4,268       | 210                        |
| 140 to 179 acres .....   |                            | 3,163                | 2,903       | 164                        |
| 180 to 219 acres .....   |                            | 2,084                | 1,889       | 130                        |
| 220 to 259 acres .....   |                            | 1,618                | 1,448       | 122                        |
| 260 to 499 acres .....   |                            | 4,291                | 3,689       | 408                        |
| 500 to 999 acres .....   |                            | 2,856                | 2,111       | 499                        |
| 1,000 to 1,999 acres .....   |                            | 1,468                | 895         | 360                        |
| 2,000 acres or more .....  |                            | 495                  | 203         | 185                        |
|  |                            |                      |             |                            |
| <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>                     |                            |                      |             |                            |
| Oilseed and grain farming (1111) .....   |                            | 13,465               | 12,187      | 927                        |
| Vegetable and melon farming (1112) .....   |                            | 1,610                | 1,327       | 155                        |
| Fruit and tree nut farming (1113) .....  |                            | 2,376                | 2,003       | 196                        |
| Greenhouse, nursery, and floriculture production (1114) .....                        |                            | 3,170                | 2,470       | 206                        |
| Other crop farming (1119) .....  |                            | 14,259               | 13,476      | 502                        |
| Tobacco farming (11191) .....  |                            | -                    | -           | -                          |
| Cotton farming (11192) .....   |                            | -                    | -           | -                          |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... |                            | 14,259               | 13,476      | 502                        |
| Beef cattle ranching and farming (112111) .....                                      |                            | 4,115                | 3,915       | 163                        |
| Cattle feedlots (112112) .....   |                            | 2,232                | 2,079       | 109                        |
| Dairy cattle and milk production (11212) .....                                       |                            | 2,489                | 1,892       | 461                        |
| Hog and pig farming (1122) .....   |                            | 838                  | 733         | 77                         |
| Poultry and egg production (1123) .....  |                            | 604                  | 548         | 25                         |
| Sheep and goat farming (1124) .....  |                            | 942                  | 901         | 29                         |
| Animal aquaculture and other animal production (1125, 1129) .....                    |                            | 7,215                | 6,539       | 322                        |
|  |                            |                      |             |                            |
| <b>L LIVESTOCK</b>   |                            |                      |             |                            |
| Cattle and calves inventory .....  | farms<br>number<br>998,204 | 14,495               | 13,040      | 1,114                      |
| Farms with-  |                            |                      | 624,121     | 239,863                    |
| 1 to 9 .....   |                            | 4,512                | 4,369       | 90                         |
| 10 to 49 .....   |                            | 5,995                | 5,611       | 323                        |
| 50 to 99 .....   |                            | 1,656                | 1,465       | 162                        |
| 100 to 199 .....   |                            | 1,186                | 962         | 184                        |
| 200 to 499 .....   |                            | 856                  | 531         | 239                        |
| 500 or more .....  |                            | 290                  | 102         | 116                        |
| Cows and heifers that had calved .....   | farms<br>number<br>415,993 | 10,730               | 9,612       | 870                        |
| Beef cows .....  | farms<br>number<br>117,564 | 8,144                | 7,623       | 416                        |
| Farms with-  |                            |                      | 103,549     | 9,925                      |
| 1 to 9 .....   |                            | 4,299                | 4,110       | 146                        |
| 10 to 49 .....   |                            | 3,463                | 3,196       | 230                        |
| 50 to 99 .....   |                            | 286                  | 249         | 28                         |
| 100 to 199 .....   |                            | 81                   | 62          | 7                          |
| 200 to 499 .....   |                            | 14                   | 5           | 5                          |
| 500 or more .....  |                            | 1                    | 1           | -                          |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total            | Corporation      |                            |                        |                            | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|---|------------------|------------------|----------------------------|------------------------|----------------------------|---|--|
|   |                  | Family held      |                            | Other than family held |                            |   |  |
|   |                  | Total            | 10 or less<br>stockholders | Total                  | 10 or less<br>stockholders |   |  |
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>   |                  |                  |                            |                        |                            |   |  |
| Corporation .....   | farms<br>acres   | 1,817<br>911,349 | 1,683<br>875,773           | 1,659<br>862,492       | 134<br>35,576              | 118<br>29,555   |  |
| Family held .....   | farms<br>acres   | 1,683<br>875,773 | 1,683<br>875,773           | 1,659<br>862,492       | -<br>-                     | -<br>-  |  |
| More than 10 stockholders .....   | farms<br>acres   | 24               | 24                         | -                      | -                          | -   |  |
| 10 or less stockholders .....   | farms            | 1,659            | 1,659                      | -                      | -                          | -   |  |
| Other than family held .....  | farms<br>acres   | 134<br>35,576    | -<br>-                     | -<br>35,576            | 134<br>16                  | 118<br>29,555   |  |
| More than 10 stockholders .....   | farms<br>acres   | 16               | -                          | -                      | 16                         | -   |  |
| 10 or less stockholders .....   | farms            | 118              | -                          | -                      | 118                        | 118   |  |
| Other-cooperative, estate<br>or trust, institutional, etc .....                         | farms<br>acres   | -<br>-           | -<br>-                     | -<br>-                 | -<br>-                     | 256<br>63,592   |  |
| <b>H HIRED FARM LABOR</b>   |                  |                  |                            |                        |                            |   |  |
| Hired farm labor .....  | farms<br>workers | 1,233<br>27,931  | 1,161<br>24,214            | 1,133<br>23,652        | 72<br>3,717                | 68<br>2,464   |  |
| Workers by days worked:   |                  |                  |                            |                        |                            |   |  |
| 150 days or more .....  | farms<br>workers | 969<br>9,922     | 912<br>8,209               | 901<br>7,956           | 57<br>1,713                | 54<br>(D)   |  |
| Less than 150 days .....  | farms<br>workers | 963<br>18,009    | 895<br>16,005              | 870<br>15,696          | 68<br>2,004                | 64<br>(D)   |  |
| Migrant farm labor on farms with hired<br>labor (see text) .....                        | farms            | 287              | 278                        | 277                    | 9                          | 7   |  |
| Migrant farm labor on farms reporting<br>only contract labor (see text) .....           | farms            | 13               | 13                         | 13                     | -                          | -   |  |
| <b>F FARMS BY SIZE</b>  |                  |                  |                            |                        |                            |   |  |
| 1 to 9 acres .....  |                  | 175              | 155                        | 153                    | 20                         | 20  |  |
| 10 to 49 acres .....  |                  | 472              | 428                        | 422                    | 44                         | 34  |  |
| 50 to 69 acres .....  |                  | 97               | 88                         | 85                     | 9                          | 9   |  |
| 70 to 99 acres .....  |                  | 117              | 106                        | 106                    | 11                         | 11  |  |
| 100 to 139 acres .....  |                  | 70               | 69                         | 69                     | 1                          | 1   |  |
| 140 to 179 acres .....  |                  | 69               | 64                         | 62                     | 5                          | 4   |  |
| 180 to 219 acres .....  |                  | 53               | 43                         | 43                     | 10                         | 8   |  |
| 220 to 259 acres .....  |                  | 42               | 40                         | 38                     | 2                          | 2   |  |
| 260 to 499 acres .....  |                  | 180              | 167                        | 165                    | 13                         | 12  |  |
| 500 to 999 acres .....  |                  | 237              | 227                        | 225                    | 10                         | 9   |  |
| 1,000 to 1,999 acres .....  |                  | 203              | 197                        | 195                    | 6                          | 6   |  |
| 2,000 acres or more .....   |                  | 102              | 99                         | 96                     | 3                          | 2   |  |
| <b>F FARMS BY NORTH AMERICAN<br/>INDUSTRY CLASSIFICATION (NAICS)</b>                    |                  |                  |                            |                        |                            |   |  |
| Oilseed and grain farming (1111) .....  |                  | 302              | 292                        | 290                    | 10                         | 8   |  |
| Vegetable and melon farming (1112) .....  |                  | 116              | 112                        | 110                    | 4                          | 4   |  |
| Fruit and tree nut farming (1113) .....   |                  | 170              | 164                        | 163                    | 6                          | 6   |  |
| Greenhouse, nursery, and floriculture<br>production (1114) .....                        |                  | 475              | 428                        | 418                    | 47                         | 44  |  |
| Other crop farming (1119) .....   |                  | 180              | 165                        | 162                    | 15                         | 11  |  |
| Tobacco farming (11191) .....   |                  | -                | -                          | -                      | -                          | -   |  |
| Cotton farming (11192) .....  |                  | -                | -                          | -                      | -                          | -   |  |
| Sugarcane farming, hay farming, and all<br>other crop farming (11193,11194,11199) ..... |                  | 180              | 165                        | 162                    | 15                         | 11  |  |
| Beef cattle ranching and farming (11211) .....  |                  | 26               | 23                         | 22                     | 3                          | 3   |  |
| Cattle feedlots (112112) .....  |                  | 41               | 38                         | 38                     | 3                          | 3   |  |
| Dairy cattle and milk production (11212) .....  |                  | 125              | 122                        | 120                    | 3                          | 3   |  |
| Hog and pig farming (1122) .....  |                  | 26               | 22                         | 20                     | 4                          | 4   |  |
| Poultry and egg production (1123) .....   |                  | 28               | 26                         | 25                     | 2                          | 2   |  |
| Sheep and goat farming (1124) .....   |                  | 7                | 7                          | 7                      | -                          | 3   |  |
| Animal aquaculture and other animal<br>production (1125, 1129) .....                    |                  | 321              | 284                        | 284                    | 37                         | 30  |  |
| <b>L LIVESTOCK</b>  |                  |                  |                            |                        |                            |   |  |
| Cattle and calves inventory .....   | farms<br>number  | 300<br>122,263   | 288<br>113,675             | 283<br>111,960         | 12<br>8,588                | 12<br>8,588   |  |
| Farms with-   |                  |                  |                            |                        |                            |   |  |
| 1 to 9 .....  |                  | 39               | 37                         | 37                     | 2                          | 2   |  |
| 10 to 49 .....  |                  | 48               | 46                         | 44                     | 2                          | 2   |  |
| 50 to 99 .....  |                  | 27               | 26                         | 26                     | 1                          | 1   |  |
| 100 to 199 .....  |                  | 37               | 37                         | 37                     | -                          | 3   |  |
| 200 to 499 .....  |                  | 81               | 79                         | 77                     | 2                          | 5   |  |
| 500 or more .....   |                  | 68               | 63                         | 62                     | 5                          | 4   |  |
| Cows and heifers that had calved .....  | farms<br>number  | 216<br>(D)       | 211<br>3,271               | 206<br>(D)             | 5<br>(D)                   | 5<br>(D)  |  |
| Beef cows .....   | farms<br>number  | 86<br>(D)        | 84<br>3,271                | 82<br>(D)              | 2<br>(D)                   | 2<br>(D)  |  |
| Farms with-   |                  |                  |                            |                        |                            |   |  |
| 1 to 9 .....  |                  | 34               | 34                         | 34                     | -                          | 9   |  |
| 10 to 49 .....  |                  | 32               | 31                         | 30                     | 1                          | 5   |  |
| 50 to 99 .....  |                  | 7                | 7                          | 7                      | -                          | 2   |  |
| 100 to 199 .....  |                  | 9                | 8                          | 8                      | 1                          | 3   |  |
| 200 to 499 .....  |                  | 4                | 4                          | 3                      | -                          | -   |  |
| 500 or more .....   |                  | -                | -                          | -                      | -                          | -   |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total        | Individual or family                     | Partnership                  |                            |  |  |
|--|--------------|--|------------------------------|----------------------------|--|--|
|  |              |  | Total                        | Registered under state law |  |  |
| <b>LIVESTOCK - Con.</b>                                    |              |  |                              |                            |  |  |
| Cattle and calves inventory - Con.                         |              |  |                              |                            |  |  |
| Cows and heifers that had calved - Con.                    |              |  |                              |                            |  |  |
| Milk cows .....  | farms number | 3,013<br>298,429                         | 2,354<br>151,401             | 506<br>94,453              |  |  |
| Farms with-  |              |  |                              | 377<br>82,363              |  |  |
| 1 to 4 .....   |              | 378                                      | 362                          | 9<br>4                     |  |  |
| 5 to 9 .....   |              | 131                                      | 120                          | 10<br>5                    |  |  |
| 10 to 49 .....   |              | 940                                      | 857                          | 74<br>33                   |  |  |
| 50 to 99 .....   |              | 723                                      | 588                          | 115<br>83                  |  |  |
| 100 to 199 .....   |              | 546                                      | 315                          | 179<br>141                 |  |  |
| 200 to 499 .....   |              | 217                                      | 92                           | 88<br>81                   |  |  |
| 500 or more .....  |              | 78                                       | 20                           | 31<br>30                   |  |  |
| Other cattle (see text) .....                              | farms number | 12,711<br>582,211                        | 11,335<br>369,171            | 1,058<br>135,485           |  |  |
| Cattle and calves sold .....                               | farms number | 11,293<br>516,107                        | 9,959<br>315,522             | 1,013<br>109,467           |  |  |
| Calves weighing less than 500 pounds .....                 | farms number | \$1,000<br>298,517                       | 4,348<br>179,010             | 623<br>90,261              |  |  |
| Cattle, including calves weighing 500 pounds or more ..... | farms number | 10,182<br>366,133                        | 8,962<br>221,249             | 603<br>51,304              |  |  |
| Cattle on feed (see text) .....                            | farms number | 4,590<br>207,660                         | 4,102<br>115,392             | 323<br>29,967              |  |  |
| Hogs and pigs inventory .....                              | farms number | 2,180<br>927,400                         | 1,943<br>473,630             | 107<br>225,212             |  |  |
| Farms with-  |              |  |                              |                            |  |  |
| 1 to 24 .....  |              | 1,291                                    | 1,223                        | 50<br>20                   |  |  |
| 25 to 49 .....   |              | 184                                      | 173                          | 9<br>5                     |  |  |
| 50 to 99 .....   |              | 151                                      | 132                          | 16<br>9                    |  |  |
| 100 to 199 .....   |              | 120                                      | 106                          | 11<br>6                    |  |  |
| 200 to 499 .....   |              | 129                                      | 110                          | 16<br>10                   |  |  |
| 500 or more .....  |              | 305                                      | 199                          | 73<br>57                   |  |  |
| Used or to be used for breeding .....                      | farms number | 1,006<br>103,430                         | 885<br>40,971                | 96<br>23,806               |  |  |
| Other hogs and pigs .....                                  | farms number | 2,007<br>823,970                         | 1,791<br>432,659             | 157<br>226,810             |  |  |
| Hogs and pigs sold .....                                   | farms number | 2,336<br>\$1,000<br>2,789,197<br>200,027 | 2,072<br>1,320,095<br>93,811 | 193<br>761,207<br>58,140   |  |  |
| Sheep and lambs of all ages inventory (see text) .....     | farms number | 2,236<br>88,541                          | 2,086<br>70,801              | 104<br>12,839              |  |  |
| Ewes 1 year old or older .....                             | farms number | 1,980<br>46,649                          | 1,852<br>41,452              | 96<br>4,159                |  |  |
| Sheep and lambs sold .....                                 | farms number | 1,377<br>67,556                          | 1,282<br>54,631              | 65<br>9,906                |  |  |
| Horses and ponies inventory .....                          | farms number | 14,988<br>104,949                        | 13,980<br>92,307             | 580<br>5,922               |  |  |
| Horses and ponies sold .....                               | farms number | 3,238<br>11,615                          | 2,940<br>10,136              | 158<br>795                 |  |  |
| Goats, All inventory .....                                 | farms number | 2,163<br>21,094                          | 2,031<br>19,441              | 77<br>1,251                |  |  |
| Goats sold .....   | farms number | 646<br>8,120                             | 609<br>7,584                 | 30<br>463                  |  |  |
| <b>POULTRY</b>   |              |  |                              |                            |  |  |
| Layers 20 weeks old and older inventory .....              | farms number | 3,491<br>7,308,261                       | 3,304<br>1,797,092           | 122<br>373,474             |  |  |
| Farms with-  |              |  |                              | (D)                        |  |  |
| 1 to 399 .....   |              | 3,442                                    | 3,271                        | 116<br>57                  |  |  |
| 400 to 3,199 .....   |              | 23                                       | 20                           | 2<br>2                     |  |  |
| 3,200 to 9,999 .....                                       |              | 5  | 3                            | -<br>-                     |  |  |
| 10,000 to 19,999 .....                                     |              | -  | -                            | -<br>-                     |  |  |
| 20,000 to 49,999 .....                                     |              | 4  | 4                            | -<br>-                     |  |  |
| 50,000 to 99,999 .....                                     |              | 4  | 2                            | 1<br>1                     |  |  |
| 100,000 or more .....                                      |              | 13                                       | 4                            | 2<br>2                     |  |  |
| Pullets for laying flock replacement inventory .....       | farms number | 812<br>1,799,012                         | 755<br>(D)                   | 41<br>(D)                  |  |  |
| Layers and pullets sold (see text) .....                   | farms number | 725<br>6,995,451                         | 670<br>3,008,437             | 36<br>(D)                  |  |  |
| Broilers and other meat-type chickens sold .....           | farms number | 659<br>4,027,972                         | 619<br>2,188,965             | 22<br>(D)                  |  |  |
| Farms with-  |              |  |                              |                            |  |  |
| 1 to 1,999 .....   |              | 640                                      | 604                          | 19<br>10                   |  |  |
| 2,000 to 59,999 .....                                      |              | 10                                       | 9                            | 1<br>-                     |  |  |
| 60,000 to 99,999 .....                                     |              | 1  | 1                            | -<br>-                     |  |  |
| 100,000 or more .....                                      |              | 8  | 5                            | 2<br>2                     |  |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                       | Corporation             |                            |                        |                            | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|---|-----------------------------|-------------------------|----------------------------|------------------------|----------------------------|---|--|
|   |                             | Family held             |                            | Other than family held |                            |   |  |
|   |                             | Total                   | 10 or less<br>stockholders | Total                  | 10 or less<br>stockholders |   |  |
| <b>LIVESTOCK - Con.</b>   |                             |                         |                            |                        |                            |   |  |
| Cattle and calves inventory - Con.<br>Cows and heifers that had calved - Con. |                             |                         |                            |                        |                            |   |  |
| Milk cows ..... farms number  | 136 (D)                     | 133<br>43,891           | 130<br>(D)                 | 3<br>(D)               | 3<br>(D)                   | 17<br>(D)   |  |
| Farms with-<br>1 to 4 .....   | 3                           | 3                       | 2                          | -                      | -                          | 4   |  |
| 5 to 9 .....  | -                           | -                       | -                          | -                      | -                          | 1   |  |
| 10 to 49 .....  | 5                           | 5                       | 5                          | -                      | -                          | 4   |  |
| 50 to 99 .....  | 17                          | 17                      | 17                         | -                      | -                          | 3   |  |
| 100 to 199 .....  | 50                          | 50                      | 49                         | -                      | -                          | 2   |  |
| 200 to 499 .....  | 37                          | 35                      | 35                         | 2                      | 2                          | -   |  |
| 500 or more .....   | 24                          | 23                      | 22                         | 1                      | 1                          | 3   |  |
| Other cattle (see text) ..... farms number                                    | 284<br>71,764               | 273<br>66,513           | 268<br>65,731              | 11<br>5,251            | 11<br>5,251                | 34<br>5,791   |  |
| Cattle and calves sold ..... farms number                                     | 279<br>84,805               | 267<br>69,686           | 263<br>69,073              | 12<br>15,119           | 12<br>15,119               | 42<br>6,313   |  |
| \$1,000<br>Calves weighing less than 500 pounds ..... farms number            | 54,902<br>133<br>16,529     | 44,514<br>127<br>14,532 | 44,251<br>124<br>14,291    | 10,388<br>6<br>1,997   | 10,388<br>6<br>1,997       | 2,152<br>14<br>3,289  |  |
| Cattle, including calves weighing<br>500 pounds or more ..... farms number    | 261<br>68,276               | 249<br>55,154           | 245<br>54,782              | 12<br>13,122           | 12<br>13,122               | 39<br>3,024   |  |
| Cattle on feed (see text) ..... farms number                                  | 119<br>(D)                  | 114<br>38,687           | 114<br>38,687              | 5<br>(D)               | 5<br>(D)                   | 15<br>(D)   |  |
| Hogs and pigs inventory ..... farms number                                    | 50<br>(D)                   | 45<br>(D)               | 43<br>153,413              | 5<br>(D)               | 5<br>(D)                   | 12<br>(D)   |  |
| Farms with-<br>1 to 24 .....  | 10                          | 10                      | 10                         | -                      | -                          | 8   |  |
| 25 to 49 .....  | 1                           | 1                       | 1                          | -                      | -                          | 1   |  |
| 50 to 99 .....  | 3                           | 2                       | 2                          | 1                      | 1                          | -   |  |
| 100 to 199 .....  | 2                           | 2                       | 2                          | -                      | -                          | 1   |  |
| 200 to 499 .....  | 3                           | 3                       | 3                          | -                      | -                          | -   |  |
| 500 or more .....   | 31                          | 27                      | 25                         | 4                      | 4                          | 2   |  |
| Used or to be used for breeding ..... farms number                            | 20<br>(D)                   | 17<br>(D)               | 16<br>24,712               | 3<br>(D)               | 3<br>(D)                   | 5<br>(D)  |  |
| Other hogs and pigs ..... farms number  | 49<br>(D)                   | 44<br>(D)               | 42<br>128,701              | 5<br>(D)               | 5<br>(D)                   | 10<br>(D)   |  |
| Hogs and pigs sold ..... farms number   | 50<br>\$1,000<br>(D)<br>(D) | 46<br>(D)<br>(D)        | 44<br>539,552<br>(D)       | 4<br>(D)<br>(D)        | 4<br>(D)<br>(D)            | 21<br>(D)<br>(D)  |  |
| Sheep and lambs of all ages<br>inventory (see text) ..... farms number        | 32<br>(D)                   | 31<br>879               | 30<br>(D)                  | 1<br>(D)               | 1<br>(D)                   | 14<br>(D)   |  |
| Ewes 1 year old or older ..... farms number                                   | 22<br>(D)                   | 21<br>556               | 20<br>(D)                  | 1<br>(D)               | 1<br>(D)                   | 10<br>(D)   |  |
| Sheep and lambs sold ..... farms number                                       | 17<br>(D)                   | 16<br>395               | 15<br>(D)                  | 1<br>(D)               | 1<br>(D)                   | 13<br>(D)   |  |
| Horses and ponies inventory ..... farms number                                | 385<br>6,101                | 355<br>5,447            | 352<br>5,429               | 30<br>654              | 24<br>606                  | 43<br>619   |  |
| Horses and ponies sold ..... farms number                                     | 126<br>635                  | 113<br>574              | 113<br>574                 | 13<br>61               | 11<br>61                   | 14<br>49  |  |
| Goats, All inventory ..... farms number                                       | 39<br>(D)                   | 37<br>280               | 36<br>(D)                  | 2<br>(D)               | 2<br>(D)                   | 16<br>(D)   |  |
| Goats sold ..... farms number   | 4<br>(D)                    | 4<br>(D)                | 4<br>(D)                   | -                      | -                          | 3<br>(D)  |  |
| <b>POULTRY</b>  |                             |                         |                            |                        |                            |   |  |
| Layers 20 weeks old and older<br>inventory ..... farms number                 | 49<br>5,136,249             | 47<br>(D)               | 44<br>(D)                  | 2<br>(D)               | -                          | 16<br>1,446   |  |
| Farms with-<br>1 to 399 .....   | 40                          | 38                      | 36                         | 2                      | -                          | 15  |  |
| 400 to 3,199 .....  | -                           | -                       | -                          | -                      | -                          | 1   |  |
| 3,200 to 9,999 .....  | 2                           | 2                       | 2                          | -                      | -                          | -   |  |
| 10,000 to 19,999 .....  | -                           | -                       | -                          | -                      | -                          | -   |  |
| 20,000 to 49,999 .....  | -                           | -                       | -                          | -                      | -                          | -   |  |
| 50,000 to 99,999 .....  | -                           | -                       | -                          | -                      | -                          | -   |  |
| 100,000 or more .....   | 7                           | 7                       | 6                          | -                      | -                          | -   |  |
| Pullets for laying flock replacement<br>inventory ..... farms number          | 10<br>1,282,909             | 10<br>1,282,909         | 9<br>(D)                   | -                      | -                          | 6<br>81   |  |
| Layers and pullets sold (see text) ..... farms number                         | 16<br>3,684,192             | 16<br>3,684,192         | 15<br>(D)                  | -                      | -                          | 3<br>(D)  |  |
| Broilers and other meat-type chickens<br>sold ..... farms number              | 5<br>(D)                    | 5<br>(D)                | 5<br>(D)                   | -                      | -                          | 13<br>2,110   |  |
| Farms with-<br>1 to 1,999 .....   | 4                           | 4                       | 4                          | -                      | -                          | 13  |  |
| 2,000 to 59,999 .....   | -                           | -                       | -                          | -                      | -                          | -   |  |
| 60,000 to 99,999 .....  | -                           | -                       | -                          | -                      | -                          | -   |  |
| 100,000 or more .....   | 1                           | 1                       | 1                          | -                      | -                          | -   |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Total                     | Individual or family               | Partnership                        |                                |
|------------------------------------|---------------------------|------------------------------------|------------------------------------|--------------------------------|
|                                    |                           |                                    | Total                              | Registered under state law     |
| <b>Poultry - Con.</b>              |                           |                                    |                                    |                                |
| Turkeys inventory .....            | farms<br>number           | 612                                | 564                                | 24                             |
| Turkeys sold .....                 | farms<br>number           | 1,204,019<br>366                   | (D)<br>335                         | 597,090<br>21                  |
|                                    |                           | 3,306,299                          | (D)                                | 1,876,036                      |
| <b>Crops harvested</b>             |                           |                                    |                                    |                                |
| Corn for grain .....               | farms<br>acres<br>bushels | 13,613<br>2,007,021<br>234,709,542 | 11,598<br>1,333,430<br>151,438,260 | 1,446<br>466,674<br>57,294,269 |
| Irrigated .....                    | farms<br>acres            | 857<br>180,261                     | 640<br>106,256                     | 146<br>51,265                  |
| Farms by acres harvested:          |                           |                                    |                                    |                                |
| 1 to 24 acres .....                |                           | 3,908                              | 3,676                              | 186                            |
| 25 to 99 acres .....               |                           | 4,694                              | 4,262                              | 341                            |
| 100 to 249 acres .....             |                           | 2,770                              | 2,244                              | 370                            |
| 250 to 499 acres .....             |                           | 1,318                              | 909                                | 262                            |
| 500 acres or more .....            |                           | 923                                | 507                                | 287                            |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 3,362<br>233,601<br>3,447,251      | 2,611<br>126,919<br>1,789,276      | 570<br>67,056<br>1,029,107     |
| Irrigated .....                    | farms<br>acres            | 125<br>9,918                       | 61<br>(D)                          | 46<br>4,181                    |
| Farms by acres harvested:          |                           |                                    |                                    |                                |
| 1 to 24 acres .....                |                           | 1,365                              | 1,223                              | 117                            |
| 25 to 99 acres .....               |                           | 1,348                              | 1,062                              | 233                            |
| 100 to 249 acres .....             |                           | 493                                | 275                                | 161                            |
| 250 to 499 acres .....             |                           | 94                                 | 37                                 | 34                             |
| 500 acres or more .....            |                           | 62                                 | 14                                 | 25                             |
| Sorghum for grain .....            | farms<br>acres<br>bushels | 22<br>559<br>21,255                | 17<br>281<br>(D)                   | 4<br>3,575                     |
| Irrigated .....                    | farms<br>acres            | 1<br>(D)                           | 1<br>(D)                           | -<br>-                         |
| Farms by acres harvested:          |                           |                                    |                                    |                                |
| 1 to 24 acres .....                |                           | 15                                 | 13                                 | 2                              |
| 25 to 99 acres .....               |                           | 5                                  | 3                                  | 2                              |
| 100 to 249 acres .....             |                           | 2                                  | 1                                  | -                              |
| 250 to 499 acres .....             |                           | -                                  | -                                  | -                              |
| 500 acres or more .....            |                           | -                                  | -                                  | -                              |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 6,561<br>433,783<br>28,248,938     | 5,405<br>307,439<br>19,601,045     | 826<br>83,219<br>5,600,682     |
| Irrigated .....                    | farms<br>acres            | 81<br>5,396                        | 63<br>2,031                        | 9<br>(D)                       |
| Farms by acres harvested:          |                           |                                    |                                    |                                |
| 1 to 24 acres .....                |                           | 2,291                              | 2,066                              | 174                            |
| 25 to 99 acres .....               |                           | 2,972                              | 2,472                              | 372                            |
| 100 to 249 acres .....             |                           | 1,047                              | 724                                | 207                            |
| 250 to 499 acres .....             |                           | 204                                | 126                                | 56                             |
| 500 acres or more .....            |                           | 47                                 | 17                                 | 17                             |
| Barley for grain .....             | farms<br>acres<br>bushels | 400<br>11,620<br>576,461           | 317<br>7,843<br>364,690            | 58<br>2,868<br>156,776         |
| Irrigated .....                    | farms<br>acres            | 7<br>63                            | 5<br>(D)                           | 2<br>(D)                       |
| Farms by acres harvested:          |                           |                                    |                                    |                                |
| 1 to 24 acres .....                |                           | 256                                | 213                                | 29                             |
| 25 to 99 acres .....               |                           | 124                                | 95                                 | 20                             |
| 100 to 249 acres .....             |                           | 17                                 | 8                                  | 7                              |
| 250 to 499 acres .....             |                           | 3                                  | 1                                  | 2                              |
| 500 acres or more .....            |                           | -                                  | -                                  | -                              |
| Oats for grain .....               | farms<br>acres<br>bushels | 2,756<br>63,485<br>3,994,940       | 2,381<br>50,371<br>3,146,578       | 301<br>10,141<br>639,794       |
| Irrigated .....                    | farms<br>acres            | 32<br>519                          | 27<br>400                          | 4<br>(D)                       |
| Farms by acres harvested:          |                           |                                    |                                    |                                |
| 1 to 24 acres .....                |                           | 1,972                              | 1,769                              | 171                            |
| 25 to 99 acres .....               |                           | 706                                | 556                                | 113                            |
| 100 to 249 acres .....             |                           | 75                                 | 54                                 | 16                             |
| 250 to 499 acres .....             |                           | 2                                  | 2                                  | -                              |
| 500 acres or more .....            |                           | 1                                  | -                                  | 1                              |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 91<br>2,275<br>3,381,523           | 81<br>1,058<br>1,256,923           | 5<br>(D)<br>(D)                |
| Irrigated .....                    | farms<br>acres            | 3<br>(D)                           | 3<br>(D)                           | -<br>-                         |
| Farms by acres harvested:          |                           |                                    |                                    |                                |
| 1 to 24 acres .....                |                           | 78                                 | 73                                 | 4                              |
| 25 to 99 acres .....               |                           | 8                                  | 7                                  | -                              |
| 100 to 249 acres .....             |                           | 4                                  | 1                                  | 1                              |
| 250 to 499 acres .....             |                           | 1                                  | -                                  | -                              |
| 500 acres or more .....            |                           | -                                  | -                                  | -                              |
| Soybeans for beans .....           | farms<br>acres<br>bushels | 11,683<br>2,055,424<br>78,197,248  | 10,042<br>1,496,108<br>55,781,850  | 1,189<br>405,096<br>16,135,800 |
| Irrigated .....                    | farms<br>acres            | 558<br>84,180                      | 427<br>55,401                      | 85<br>(D)                      |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Total                     | Corporation                  |                              |                              |                            | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|------------------------------------|---------------------------|------------------------------|------------------------------|------------------------------|----------------------------|---|--|
|                                    |                           | Family held                  |                              | Other than family held       |                            |   |  |
|                                    |                           | Total                        | 10 or less<br>stockholders   | Total                        | 10 or less<br>stockholders |   |  |
| <b>Poultry - Con.</b>              |                           |                              |                              |                              |                            |   |  |
| Turkeys inventory .....            | farms<br>number           | 17<br>(D)                    | 17<br>(D)                    | 17<br>(D)                    | -                          | -   |  |
| Turkeys sold .....                 | farms<br>number           | 9<br>(D)                     | 9<br>(D)                     | 9<br>(D)                     | -                          | -   |  |
| <b>Crops harvested</b>             |                           |                              |                              |                              |                            |   |  |
| Corn for grain .....               | farms<br>acres<br>bushels | 519<br>200,615<br>25,364,982 | 504<br>197,064<br>24,960,009 | 499<br>194,097<br>24,522,340 | 15<br>3,551<br>404,973     | 14<br>(D)<br>(D)  |  |
| Irrigated .....                    | farms<br>acres            | 63<br>19,256                 | 62<br>(D)                    | 60<br>(D)                    | 1<br>(D)                   | 1<br>(D)  |  |
| Farms by acres harvested:          |                           |                              |                              |                              |                            |   |  |
| 1 to 24 acres .....                |                           | 23                           | 20                           | 19                           | 3                          | 2   |  |
| 25 to 99 acres .....               |                           | 74                           | 70                           | 70                           | 4                          | 4   |  |
| 100 to 249 acres .....             |                           | 152                          | 150                          | 149                          | 2                          | 2   |  |
| 250 to 499 acres .....             |                           | 144                          | 141                          | 140                          | 3                          | 3   |  |
| 500 acres or more .....            |                           | 126                          | 123                          | 121                          | 3                          | 3   |  |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 168<br>36,601<br>574,922     | 165<br>36,099<br>568,247     | 162<br>(D)<br>(D)            | 3<br>502<br>6,675          | 3<br>502<br>6,675   |  |
| Irrigated .....                    | farms<br>acres            | 15<br>1,816                  | 15<br>1,816                  | 15<br>1,816                  | -                          | -   |  |
| Farms by acres harvested:          |                           |                              |                              |                              |                            |   |  |
| 1 to 24 acres .....                |                           | 20                           | 20                           | 19                           | -                          | -   |  |
| 25 to 99 acres .....               |                           | 49                           | 48                           | 48                           | 1                          | 1   |  |
| 100 to 249 acres .....             |                           | 56                           | 55                           | 54                           | 1                          | 1   |  |
| 250 to 499 acres .....             |                           | 23                           | 22                           | 21                           | 1                          | 1   |  |
| 500 acres or more .....            |                           | 20                           | 20                           | 20                           | -                          | 3   |  |
| Sorghum for grain .....            | farms<br>acres<br>bushels | 1<br>(D)<br>(D)              | 1<br>(D)<br>(D)              | 1<br>(D)<br>(D)              | -                          | -   |  |
| Irrigated .....                    | farms<br>acres            | -                            | -                            | -                            | -                          | -   |  |
| Farms by acres harvested:          |                           |                              |                              |                              |                            |   |  |
| 1 to 24 acres .....                |                           | -                            | -                            | -                            | -                          | -   |  |
| 25 to 99 acres .....               |                           | -                            | -                            | -                            | -                          | -   |  |
| 100 to 249 acres .....             |                           | 1                            | 1                            | 1                            | -                          | -   |  |
| 250 to 499 acres .....             |                           | -                            | -                            | -                            | -                          | -   |  |
| 500 acres or more .....            |                           | -                            | -                            | -                            | -                          | -   |  |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 309<br>42,382<br>3,006,659   | 300<br>41,140<br>2,937,555   | 298<br>(D)<br>(D)            | 9<br>1,242<br>69,104       | 8<br>(D)<br>(D)   |  |
| Irrigated .....                    | farms<br>acres            | 8<br>2,160                   | 8<br>2,160                   | 8<br>2,160                   | -                          | -   |  |
| Farms by acres harvested:          |                           |                              |                              |                              |                            |   |  |
| 1 to 24 acres .....                |                           | 42                           | 41                           | 40                           | 1                          | -   |  |
| 25 to 99 acres .....               |                           | 117                          | 112                          | 112                          | 5                          | 9   |  |
| 100 to 249 acres .....             |                           | 115                          | 113                          | 112                          | 2                          | 11  |  |
| 250 to 499 acres .....             |                           | 22                           | 22                           | 22                           | -                          | 1   |  |
| 500 acres or more .....            |                           | 13                           | 12                           | 12                           | 1                          | -   |  |
| Barley for grain .....             | farms<br>acres<br>bushels | 21<br>(D)<br>(D)             | 20<br>615<br>43,247          | 20<br>615<br>43,247          | 1<br>(D)<br>(D)            | 1<br>(D)<br>(D)   |  |
| Irrigated .....                    | farms<br>acres            | -                            | -                            | -                            | -                          | -   |  |
| Farms by acres harvested:          |                           |                              |                              |                              |                            |   |  |
| 1 to 24 acres .....                |                           | 12                           | 12                           | 12                           | -                          | -   |  |
| 25 to 99 acres .....               |                           | 7                            | 7                            | 7                            | -                          | 2   |  |
| 100 to 249 acres .....             |                           | 2                            | 1                            | 1                            | 1                          | 2   |  |
| 250 to 499 acres .....             |                           | -                            | -                            | -                            | -                          | -   |  |
| 500 acres or more .....            |                           | -                            | -                            | -                            | -                          | -   |  |
| Oats for grain .....               | farms<br>acres<br>bushels | 67<br>(D)<br>(D)             | 65<br>2,812<br>199,063       | 65<br>2,812<br>199,063       | 2<br>(D)<br>(D)            | 2<br>(D)<br>(D)   |  |
| Irrigated .....                    | farms<br>acres            | -                            | -                            | -                            | -                          | -   |  |
| Farms by acres harvested:          |                           |                              |                              |                              |                            |   |  |
| 1 to 24 acres .....                |                           | 26                           | 25                           | 25                           | 1                          | 1   |  |
| 25 to 99 acres .....               |                           | 36                           | 35                           | 35                           | 1                          | 6   |  |
| 100 to 249 acres .....             |                           | 5                            | 5                            | 5                            | -                          | 1   |  |
| 250 to 499 acres .....             |                           | -                            | -                            | -                            | -                          | -   |  |
| 500 acres or more .....            |                           | -                            | -                            | -                            | -                          | -   |  |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 4<br>909<br>1,684,000        | 4<br>909<br>1,684,000        | 4<br>909<br>1,684,000        | -                          | -   |  |
| Irrigated .....                    | farms<br>acres            | -                            | -                            | -                            | -                          | -   |  |
| Farms by acres harvested:          |                           |                              |                              |                              |                            |   |  |
| 1 to 24 acres .....                |                           | 1                            | 1                            | 1                            | -                          | -   |  |
| 25 to 99 acres .....               |                           | -                            | -                            | -                            | -                          | 1   |  |
| 100 to 249 acres .....             |                           | 2                            | 2                            | 2                            | -                          | -   |  |
| 250 to 499 acres .....             |                           | 1                            | 1                            | 1                            | -                          | -   |  |
| 500 acres or more .....            |                           | -                            | -                            | -                            | -                          | -   |  |
| Soybeans for beans .....           | farms<br>acres<br>bushels | 418<br>149,639<br>6,104,005  | 405<br>146,637<br>5,964,109  | 400<br>143,582<br>5,822,291  | 13<br>3,002<br>139,896     | 11<br>(D)<br>(D)  |  |
| Irrigated .....                    | farms<br>acres            | 42<br>6,245                  | 41<br>(D)                    | 40<br>(D)                    | 1<br>(D)                   | 4<br>(D)  |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                       | Individual or family             | Partnership                    |                             |
|--|-----------------------------|----------------------------------|--------------------------------|-----------------------------|
|  |                             |                                  | Total                          | Registered under state law  |
| <b>CROPS HARVESTED - Con.</b>  |                             |                                  |                                |                             |
| Soybeans for beans - Con.  |                             |                                  |                                |                             |
| Farms by acres harvested:  |                             |                                  |                                |                             |
| 1 to 24 acres .....  | 2,079                       | 1,960                            | 84                             | 33                          |
| 25 to 99 acres .....   | 4,526                       | 4,111                            | 315                            | 136                         |
| 100 to 249 acres .....   | 2,706                       | 2,292                            | 292                            | 174                         |
| 250 to 499 acres .....   | 1,357                       | 1,025                            | 240                            | 168                         |
| 500 acres or more .....  | 1,015                       | 654                              | 258                            | 193                         |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 1,587<br>259,026<br>4,862,193    | 1,267<br>155,412<br>2,812,390  | 179<br>53,329<br>1,042,716  |
| Irrigated .....  | farms<br>acres              | 82<br>13,183                     | 59<br>9,034                    | 14<br>(D)                   |
| Farms by acres harvested:  |                             |                                  |                                |                             |
| 1 to 24 acres .....  | 239                         | 222                              | 13                             | 9                           |
| 25 to 99 acres .....   | 594                         | 539                              | 31                             | 17                          |
| 100 to 249 acres .....   | 419                         | 323                              | 58                             | 34                          |
| 250 to 499 acres .....   | 236                         | 152                              | 43                             | 25                          |
| 500 acres or more .....  | 99                          | 31                               | 34                             | 26                          |
| Potatoes .....   | farms<br>acres<br>cwt       | 395<br>45,840<br>14,212,892      | 287<br>9,064<br>2,513,991      | 63<br>14,958<br>4,637,836   |
| Irrigated .....  | farms<br>acres              | 191<br>38,016                    | 118<br>6,139                   | 34<br>10,305                |
| Farms by acres harvested:  |                             |                                  |                                |                             |
| 0.1 to 4.9 acres .....   | 215                         | 195                              | 13                             | 8                           |
| 5.0 to 24.9 acres .....  | 44                          | 31                               | 8                              | 6                           |
| 25.0 to 99.9 acres .....   | 47                          | 33                               | 7                              | 5                           |
| 100.0 to 249.9 acres .....   | 45                          | 20                               | 16                             | 7                           |
| 250.0 acres or more .....  | 44                          | 8                                | 19                             | 17                          |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 989<br>180,054<br>3,324,568      | 706<br>88,150<br>1,588,450     | 152<br>(D)<br>850,268       |
| Irrigated .....  | farms<br>acres              | 46<br>(D)                        | 29<br>2,249                    | 7<br>(D)                    |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 22,067<br>1,212,603<br>3,557,828 | 20,152<br>952,562<br>2,602,570 | 1,428<br>181,572<br>657,401 |
| Irrigated .....  | farms<br>acres              | 454<br>17,414                    | 365<br>8,962                   | 55<br>(D)                   |
| Farms by acres harvested:  |                             |                                  |                                |                             |
| 1 to 24 acres .....  | 10,974                      | 10,471                           | 355                            | 171                         |
| 25 to 99 acres .....   | 7,871                       | 7,237                            | 498                            | 223                         |
| 100 to 249 acres .....   | 2,381                       | 1,928                            | 356                            | 251                         |
| 250 to 499 acres .....   | 632                         | 410                              | 152                            | 115                         |
| 500 acres or more .....  | 209                         | 106                              | 67                             | 55                          |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 18,122<br>806,713<br>2,355,909   | 16,531<br>668,886<br>1,878,242 | 1,209<br>99,264<br>347,175  |
| Irrigated .....  | farms<br>acres              | 305<br>7,580                     | 257<br>5,242                   | 30<br>(D)                   |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 3,762<br>149,403<br>267,751      | 3,484<br>130,106<br>225,760    | 213<br>15,050<br>32,650     |
| Irrigated .....  | farms<br>acres              | 65<br>1,149                      | 57<br>883                      | 6<br>(D)                    |
| Land used for vegetables (see text) .....  | farms<br>acres              | 2,519<br>135,428<br>817          | 2,110<br>71,314<br>628         | 228<br>32,094<br>89         |
| Irrigated .....  | farms<br>acres              | 60,186                           | 29,582                         | 13,410                      |
| Farms by acres harvested:  |                             |                                  |                                |                             |
| 0.1 to 4.9 acres .....   | 1,039                       | 978                              | 39                             | 26                          |
| 5.0 to 24.9 acres .....  | 732                         | 643                              | 55                             | 29                          |
| 25.0 to 99.9 acres .....   | 415                         | 317                              | 53                             | 43                          |
| 100.0 to 249.9 acres .....   | 194                         | 116                              | 40                             | 27                          |
| 250.0 acres or more .....  | 139                         | 56                               | 41                             | 29                          |
| Snap beans harvested for sale .....  | farms<br>acres              | 502<br>20,726                    | 412<br>11,132                  | 60<br>4,948                 |
| Harvested for processing .....   | farms<br>acres              | 107<br>17,212                    | 73<br>8,746                    | 19<br>4,076                 |
| Peas, green, harvested for sale .....  | farms<br>acres              | 160<br>1,149                     | 133<br>(D)                     | 16<br>(D)                   |
| Harvested for processing .....   | farms<br>acres              | 7<br>1,001                       | 3<br>(D)                       | 2<br>(D)                    |
| Sweet corn harvested for sale .....  | farms<br>acres              | 982<br>10,885                    | 862<br>6,535                   | 71<br>1,835                 |
| Harvested for processing .....   | farms<br>acres              | 92<br>527                        | 78<br>320                      | 10<br>181                   |
| Tomatoes harvested for sale .....  | farms<br>acres              | 831<br>6,041                     | 719<br>2,710                   | 70<br>1,100                 |
| Harvested for processing .....   | farms<br>acres              | 72<br>3,861                      | 57<br>(D)                      | 6<br>(D)                    |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                       | Corporation               |                            |                            |                            | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|--|-----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---|--|
|  |                             | Family held               |                            | Other than family held     |                            |   |  |
|  |                             | Total                     | 10 or less<br>stockholders | Total                      | 10 or less<br>stockholders |   |  |
| <b>CROPS HARVESTED - Con.</b>  |                             |                           |                            |                            |                            |   |  |
| Soybeans for beans - Con.  |                             |                           |                            |                            |                            |   |  |
| Farms by acres harvested:  |                             |                           |                            |                            |                            |   |  |
| 1 to 24 acres .....  | 25                          | 22                        | 22                         | 3                          | 2                          | 10  |  |
| 25 to 99 acres .....   | 86                          | 83                        | 81                         | 3                          | 2                          | 14  |  |
| 100 to 249 acres .....   | 115                         | 112                       | 112                        | 3                          | 3                          | 7   |  |
| 250 to 499 acres .....   | 92                          | 91                        | 90                         | 1                          | 1                          | -   |  |
| 500 acres or more .....  | 100                         | 97                        | 95                         | 3                          | 3                          | 3   |  |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 136<br>(D)<br>(D)         | 135<br>49,665<br>1,000,247 | 135<br>49,665<br>1,000,247 | 1<br>(D)<br>(D)            | 1<br>(D)<br>(D)   |  |
| Irrigated .....  | farms<br>acres              | 8<br>1,232                | 8<br>1,232                 | 8<br>1,232                 | -                          | -   |  |
| Farms by acres harvested:  |                             |                           |                            |                            |                            |   |  |
| 1 to 24 acres .....  | 2                           | 2                         | 2                          | -                          | -                          | 2   |  |
| 25 to 99 acres .....   | 22                          | 22                        | 22                         | -                          | -                          | 2   |  |
| 100 to 249 acres .....   | 37                          | 37                        | 37                         | -                          | -                          | 1   |  |
| 250 to 499 acres .....   | 41                          | 40                        | 40                         | 1                          | 1                          | -   |  |
| 500 acres or more .....  | 34                          | 34                        | 34                         | -                          | -                          | -   |  |
| Potatoes .....   | farms<br>acres<br>cwt       | 38<br>21,775<br>7,052,328 | 38<br>21,775<br>7,052,328  | 38<br>21,775<br>7,052,328  | -                          | -   |  |
| Irrigated .....  | farms<br>acres              | 34<br>21,545              | 34<br>21,545               | 34<br>21,545               | -                          | -   |  |
| Farms by acres harvested:  |                             |                           |                            |                            |                            |   |  |
| 0.1 to 4.9 acres .....   | 3                           | 3                         | 3                          | -                          | -                          | 4   |  |
| 5.0 to 24.9 acres .....  | 2                           | 2                         | 2                          | -                          | -                          | 3   |  |
| 25.0 to 99.9 acres .....   | 7                           | 7                         | 7                          | -                          | -                          | -   |  |
| 100.0 to 249.9 acres .....   | 9                           | 9                         | 9                          | -                          | -                          | -   |  |
| 250.0 acres or more .....  | 17                          | 17                        | 17                         | -                          | -                          | -   |  |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 129<br>(D)<br>(D)         | 127<br>45,922<br>871,878   | 126<br>(D)<br>(D)          | 2<br>(D)<br>(D)            | 2<br>(D)<br>(D)   |  |
| Irrigated .....  | farms<br>acres              | 10<br>811                 | 10<br>811                  | 10<br>811                  | -                          | -   |  |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 432<br>70,878<br>270,088  | 417<br>69,404<br>266,131   | 412<br>68,133<br>262,029   | 15<br>1,474<br>3,957       | 15<br>1,474<br>3,957  |  |
| Irrigated .....  | farms<br>acres              | 29<br>2,790               | 29<br>2,790                | 28<br>(D)                  | -                          | -   |  |
| Farms by acres harvested:  |                             |                           |                            |                            |                            |   |  |
| 1 to 24 acres .....  | 120                         | 117                       | 115                        | 3                          | 3                          | 28  |  |
| 25 to 99 acres .....   | 119                         | 111                       | 111                        | 8                          | 8                          | 17  |  |
| 100 to 249 acres .....   | 94                          | 92                        | 92                         | 2                          | 2                          | 3   |  |
| 250 to 499 acres .....   | 67                          | 65                        | 63                         | 2                          | 2                          | 3   |  |
| 500 acres or more .....  | 32                          | 32                        | 31                         | -                          | -                          | 4   |  |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 344<br>36,742<br>123,690  | 335<br>36,135<br>121,695   | 331<br>(D)<br>(D)          | 9<br>607<br>1,995          | 9<br>607<br>1,995   |  |
| Irrigated .....  | farms<br>acres              | 17<br>1,345               | 17<br>1,345                | 16<br>(D)                  | -                          | -   |  |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 53<br>3,842<br>8,728      | 49<br>(D)<br>(D)           | 48<br>3,367<br>8,196       | 4<br>(D)<br>(D)            | 4<br>(D)<br>(D)   |  |
| Irrigated .....  | farms<br>acres              | 1<br>(D)                  | 1<br>(D)                   | 1<br>(D)                   | -                          | -   |  |
| Land used for vegetables (see text) .....  | farms<br>acres              | 169<br>31,362             | 161<br>30,442              | 159<br>(D)                 | 8<br>920<br>920            | 8<br>920<br>920   |  |
| Irrigated .....  | farms<br>acres              | 94<br>17,154              | 87<br>16,287               | 86<br>(D)                  | 7<br>868<br>868            | 6<br>868<br>868   |  |
| Farms by acres harvested:  |                             |                           |                            |                            |                            |   |  |
| 0.1 to 4.9 acres .....   | 17                          | 16                        | 16                         | 1                          | 1                          | 5   |  |
| 5.0 to 24.9 acres .....  | 31                          | 27                        | 26                         | 4                          | 4                          | 3   |  |
| 25.0 to 99.9 acres .....   | 42                          | 42                        | 42                         | -                          | -                          | 3   |  |
| 100.0 to 249.9 acres .....   | 38                          | 36                        | 36                         | 2                          | 2                          | -   |  |
| 250.0 acres or more .....  | 41                          | 40                        | 39                         | 1                          | 1                          | 1   |  |
| Snap beans harvested for sale .....  | farms<br>acres              | 27<br>(D)                 | 26<br>4,643                | 26<br>4,643                | 1<br>(D)                   | 1<br>(D)  |  |
| Harvested for processing .....   | farms<br>acres              | 15<br>4,389               | 15<br>4,389                | 15<br>4,389                | -                          | -   |  |
| Peas, green, harvested for sale .....  | farms<br>acres              | 9<br>(D)                  | 8<br>524                   | 8<br>524                   | 1<br>(D)                   | 1<br>(D)  |  |
| Harvested for processing .....   | farms<br>acres              | 2<br>(D)                  | 2<br>(D)                   | 2<br>(D)                   | -                          | -   |  |
| Sweet corn harvested for sale .....  | farms<br>acres              | 44<br>2,506               | 44<br>2,506                | 44<br>2,506                | -                          | -   |  |
| Harvested for processing .....   | farms<br>acres              | 4<br>27                   | 4<br>27                    | 4<br>27                    | -                          | -   |  |
| Tomatoes harvested for sale .....  | farms<br>acres              | 37<br>(D)                 | 36<br>2,216                | 36<br>2,216                | 1<br>(D)                   | 1<br>(D)  |  |
| Harvested for processing .....   | farms<br>acres              | 9<br>2,067                | 9<br>2,067                 | 9<br>2,067                 | -                          | -   |  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                                 | Individual or family | Partnership     |                            |
|---|---------------------------------------|----------------------|-----------------|----------------------------|
|   |                                       |                      | Total           | Registered under state law |
| <b>CROPS HARVESTED - Con.</b>                 |                                       |                      |                 |                            |
| Field and grass seed crops, All               | farms<br>acres                        | 112<br>3,311         | .96<br>2,759    | 9<br>328                   |
| Irrigated                                     | farms<br>acres                        | 1<br>(D)             | 1<br>(D)        | -<br>-                     |
| All land in orchards                          | farms<br>acres                        | 2,601<br>118,166     | 2,198<br>62,045 | 233<br>26,863              |
| Irrigated                                     | farms<br>acres                        | 478<br>13,264        | 373<br>5,514    | 39<br>3,776                |
| Farms by bearing and nonbearing acres:        |                                       |                      |                 |                            |
| 0.1 to 4.9 acres                              |                                       | 943                  | 891             | 36                         |
| 5.0 to 24.9 acres                             |                                       | 805                  | 721             | 50                         |
| 25.0 to 99.9 acres                            |                                       | 539                  | 425             | 71                         |
| 100.0 to 249.9 acres                          |                                       | 216                  | 132             | 43                         |
| 250.0 acres or more                           |                                       | 98                   | 29              | 33                         |
| Apples  | farms<br>Bearing and nonbearing acres | 1,750<br>50,539      | 1,465<br>23,933 | 164<br>12,320              |
| Grapes  | farms<br>Bearing and nonbearing acres | 678<br>13,420        | 584<br>8,393    | 51<br>3,318                |
| Peaches, All                                  | farms<br>Bearing and nonbearing acres | 732<br>6,326         | 608<br>4,089    | 68<br>898                  |
| Pecans  | farms<br>Bearing and nonbearing acres | 1<br>(D)             | 1<br>(D)        | -<br>-                     |
| Walnuts, English                              | farms<br>Bearing and nonbearing acres | 19<br>114            | 18<br>(D)       | 1<br>(D)                   |
| Land in berries harvested for sale (see text) | farms<br>acres                        | 1,051<br>19,289      | 910<br>10,105   | 71<br>2,470                |
| Irrigated                                     | farms<br>acres                        | 513<br>11,902        | 424<br>5,378    | 41<br>(D)                  |

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                                 | Corporation   |                            |                        |                            | Other-cooperative,<br>estate or trust,<br>institutional, etc. |  |
|--|---------------------------------------|---------------|----------------------------|------------------------|----------------------------|---|--|
|  |                                       | Family held   |                            | Other than family held |                            |   |  |
|  |                                       | Total         | 10 or less<br>stockholders | Total                  | 10 or less<br>stockholders |   |  |
| <b>CROPS HARVESTED - Con.</b>                    |                                       |               |                            |                        |                            |   |  |
| Field and grass seed crops, All                  | farms<br>224                          | 7             | 6<br>(D)                   | 6<br>(D)               | 1<br>(D)                   | 1<br>(D)  |  |
| Irrigated  | farms<br>acres                        | -             | -                          | -                      | -                          | -   |  |
| All land in orchards                             | farms<br>acres                        | 157<br>28,813 | 151<br>28,111              | 150<br>(D)             | 6<br>702                   | 6<br>702  |  |
| Irrigated  | farms<br>acres                        | 61<br>(D)     | 59<br>3,715                | 58<br>(D)              | 2<br>(D)                   | 2<br>(D)  |  |
| Farms by bearing and nonbearing acres:           |                                       |               |                            |                        |                            |   |  |
| 0.1 to 4.9 acres                                 |                                       | 12            | 12                         | 12                     | -                          | -   |  |
| 5.0 to 24.9 acres                                |                                       | 30            | 28                         | 28                     | 2                          | 4   |  |
| 25.0 to 99.9 acres                               |                                       | 40            | 37                         | 36                     | 3                          | 3   |  |
| 100.0 to 249.9 acres                             |                                       | 39            | 39                         | 39                     | -                          | 2   |  |
| 250.0 acres or more                              |                                       | 36            | 35                         | 35                     | 1                          | -   |  |
| Apples   | farms<br>Bearing and nonbearing acres | 109<br>14,061 | 105<br>13,947              | 105<br>13,947          | 4<br>114                   | 4<br>114  |  |
| Grapes   | farms<br>Bearing and nonbearing acres | 36<br>1,682   | 35<br>(D)                  | 34<br>(D)              | 1<br>(D)                   | 1<br>(D)  |  |
| Peaches, All                                     | farms<br>Bearing and nonbearing acres | 50<br>(D)     | 48<br>1,283                | 48<br>1,283            | 2<br>(D)                   | 2<br>(D)  |  |
| Pecans   | farms<br>Bearing and nonbearing acres | -             | -                          | -                      | -                          | -   |  |
| Walnuts, English                                 | farms<br>Bearing and nonbearing acres | -             | -                          | -                      | -                          | -   |  |
| Land in berries harvested for<br>sale (see text) | farms<br>acres                        | 64<br>6,693   | 60<br>6,449                | 60<br>6,449            | 4<br>245                   | 4<br>245  |  |
| Irrigated  | farms<br>acres                        | 45<br>4,918   | 41<br>4,725                | 41<br>4,725            | 4<br>194                   | 4<br>194  |  |

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 59. Summary by North American Industry Classification System: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                         | Oilseed and grain farming (1111) | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                         |                        |   |
|---|-------------------------------|----------------------------------|------------------------------------|-----------------------------------|---|---------------------------|-------------------------|------------------------|---|
|   |                               |                                  |                                    |                                   |   | Total                     | Tobacco farming (11191) | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |
| <b>F FARMS AND LAND IN FARMS</b>  |                               |                                  |                                    |                                   |   |                           |                         |                        |   |
| Farms .....   | number<br>100.0               | 53,315<br>100.0                  | 13,465<br>25.3                     | 1,610<br>3.0                      | 2,376<br>4.5  | 3,170<br>5.9              | 14,259<br>26.7          | -                      | -   |
| Land in farms .....   | acres<br>Average size of farm | 10,142,958<br>190                | 4,663,094<br>346                   | 405,240<br>252                    | 283,338<br>119  | 250,157<br>79             | 1,765,275<br>124        | -                      | -   |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |                               |                                  |                                    |                                   |   |                           |                         |                        |   |
| Total (see text) .....  | farms<br>\$1,000              | 53,315<br>3,917,205              | 13,465<br>975,732                  | 1,610<br>323,130                  | 2,376<br>187,424  | 3,170<br>655,526          | 14,259<br>253,556       | -                      | -   |
| Average per farm .....  | dollars                       | 73,473                           | 72,464                             | 200,702                           | 78,882  | 206,791                   | 17,782                  | -                      | -   |
| Farms by economic class:  |                               |                                  |                                    |                                   |   |                           |                         |                        |   |
| Less than \$1,000 (see text) .....  |                               | 13,657                           | 1,854                              | 56                                | 328   | 702                       | 4,512                   | -                      | -   |
| \$1,000 to \$2,499 .....  |                               | 7,864                            | 951                                | 109                               | 241   | 297                       | 3,657                   | -                      | -   |
| \$2,500 to \$4,999 .....  |                               | 5,594                            | 990                                | 148                               | 225   | 196                       | 2,091                   | -                      | -   |
| \$5,000 to \$9,999 .....  |                               | 5,590                            | 1,472                              | 211                               | 290   | 259                       | 1,546                   | -                      | -   |
| \$10,000 to \$24,999 .....  |                               | 6,602                            | 2,513                              | 337                               | 409   | 389                       | 1,226                   | -                      | -   |
| \$25,000 to \$49,999 .....  |                               | 4,082                            | 1,763                              | 161                               | 302   | 349                       | 573                     | -                      | -   |
| \$50,000 to \$99,999 .....  |                               | 3,235                            | 1,442                              | 172                               | 210   | 313                       | 263                     | -                      | -   |
| \$100,000 to \$249,999 .....  |                               | 3,271                            | 1,422                              | 144                               | 199   | 290                       | 181                     | -                      | -   |
| \$250,000 to \$499,999 .....  |                               | 1,874                            | 731                                | 101                               | 92  | 151                       | 111                     | -                      | -   |
| \$500,000 to \$999,999 .....  |                               | 946                              | 262                                | 92                                | 50  | 98                        | 68                      | -                      | -   |
| \$1,000,000 or more .....   |                               | 600                              | 65                                 | 79                                | 30  | 126                       | 31                      | -                      | -   |
| \$1,000,000 to \$2,499,999 .....  |                               | 448                              | 62                                 | 63                                | 26  | 80                        | 26                      | -                      | -   |
| \$2,500,000 to \$4,999,999 .....  |                               | 96                               | 3                                  | 9                                 | 2   | 29                        | 5                       | -                      | -   |
| \$5,000,000 or more .....   |                               | 56                               | -                                  | 7                                 | 2   | 17                        | -                       | -                      | -   |
| Total sales (see text) .....  | farms<br>\$1,000              | 53,315<br>3,772,435              | 13,465<br>915,034                  | 1,610<br>318,844                  | 2,376<br>180,086  | 3,170<br>655,052          | 14,259<br>233,400       | -                      | -   |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | farms<br>\$1,000              | 16,819<br>990,921                | 11,826<br>795,760                  | 445<br>25,363                     | 124<br>2,043  | 102<br>1,235              | 1,582<br>59,639         | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 4,487<br>830,230                 | 3,554<br>676,932                   | 105<br>21,420                     | 8<br>1,264  | 4<br>(D)                  | 257<br>49,518           | -                      | -   |
| Tobacco .....   | farms<br>\$1,000              | -<br>-                           | -<br>-                             | -<br>-                            | -<br>-  | -<br>-                    | -                       | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | -<br>-                           | -<br>-                             | -<br>-                            | -<br>-  | -<br>-                    | -                       | -                      | -   |
| Cotton and cottonseed .....   | farms<br>\$1,000              | -<br>-                           | -<br>-                             | -<br>-                            | -<br>-  | -<br>-                    | -                       | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | -<br>-                           | -<br>-                             | -<br>-                            | -<br>-  | -<br>-                    | -                       | -                      | -   |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | farms<br>\$1,000              | 2,676<br>322,510                 | 226<br>11,452                      | 1,606<br>276,644                  | 231<br>7,431  | 172<br>3,003              | 225<br>21,237           | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 743<br>301,520                   | 56<br>9,380                        | 545<br>263,142                    | 52<br>5,766   | 14<br>1,586               | 63<br>19,847            | -                      | -   |
| Fruits, tree nuts, and berries .....  | farms<br>\$1,000              | 2,797<br>181,469                 | 94<br>2,077                        | 239<br>5,430                      | 2,124<br>167,572  | 95<br>1,251               | 137<br>4,056            | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 610<br>157,280                   | 7<br>1,473                         | 29<br>3,843                       | 547<br>147,395  | 5<br>599                  | 16<br>3,305             | -                      | -   |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | farms<br>\$1,000              | 2,185<br>628,699                 | 37<br>620                          | 140<br>4,507                      | 46<br>1,479   | 1,889<br>619,875          | 46<br>2,105             | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 923<br>610,982                   | 3<br>250                           | 27<br>3,155                       | 4<br>1,194  | 880<br>604,617            | 9<br>1,766              | -                      | -   |
| Cut Christmas trees and short-rotation woody crops .....                    | farms<br>\$1,000              | 1,076<br>30,411                  | 25<br>87                           | 38<br>370                         | 29<br>308   | 885<br>28,645             | 67<br>806               | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 100<br>23,657                    | -<br>(D)                           | 2<br>-                            | -<br>-  | 91<br>22,772              | 5<br>(D)                | -                      | -   |
| Other crops and hay (see text) .....  | farms<br>\$1,000              | 12,504<br>208,618                | 2,658<br>69,280                    | 265<br>4,427                      | 162<br>616  | 123<br>501                | 7,185<br>112,827        | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 877<br>134,739                   | 360<br>52,899                      | 26<br>3,172                       | 1<br>(D)  | -<br>-                    | 420<br>66,872           | -                      | -   |
| Cattle and calves .....   | farms<br>\$1,000              | 11,293<br>298,517                | 1,500<br>23,047                    | 103<br>1,573                      | 36<br>359   | 36<br>179                 | 1,289<br>20,401         | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 997<br>205,745                   | 108<br>10,697                      | 9<br>1,002                        | 1<br>(D)  | -<br>-                    | 75<br>12,438            | -                      | -   |
| Milk and other dairy products from cows .....                               | farms<br>\$1,000              | 2,738<br>697,920                 | 67<br>4,545                        | 3<br>325                          | 1<br>(D)  | 1<br>(D)                  | 64<br>4,488             | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 1,966<br>679,809                 | 32<br>3,817                        | 3<br>325                          | -<br>-  | -<br>-                    | 26<br>3,670             | -                      | -   |
| Hogs and pigs .....   | farms<br>\$1,000              | 2,336<br>200,027                 | 382<br>6,447                       | 39<br>55                          | 18<br>36  | 16<br>11                  | 3,670<br>6,484          | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 192,340<br>192,340               | 4,740<br>253                       | 26<br>54                          | -<br>27   | -<br>24                   | 232<br>240              | -                      | -   |
| Sheep, goats, and their products .....                                      | farms<br>\$1,000              | 2,307<br>6,613                   | 19<br>740                          | 2<br>41                           | -<br>(D)  | -<br>(D)                  | 477<br>477              | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 19<br>2,423                      | 2<br>(D)                           | -<br>-                            | -<br>-  | -<br>-                    | 3<br>208                | -                      | -   |
| Horses, ponies, mules, burros, and donkeys .....                            | farms<br>\$1,000              | 3,286<br>23,743                  | 96<br>484                          | 16<br>39                          | 11<br>(D)   | 18<br>118                 | 232<br>613              | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 54<br>8,731                      | 3<br>(D)                           | -<br>-                            | -<br>-  | 1<br>(D)                  | -<br>-                  | -                      | -   |
| Poultry and eggs .....  | farms<br>\$1,000              | 2,206<br>146,700                 | 184<br>415                         | 92<br>57                          | 53<br>76  | 63<br>70                  | 270<br>133              | -                      | -   |
| Sales of \$50,000 or more .....   | farms<br>\$1,000              | 80<br>144,455                    | 2<br>(D)                           | -<br>-                            | 1<br>(D)  | -<br>-                    | -<br>-                  | -                      | -   |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Beef cattle ranching and farming<br>(112111) | Cattle feedlots<br>(112112) | Dairy cattle and milk production<br>(11212) | Hog and pig farming<br>(1122) | Poultry and egg production<br>(1123) | Sheep and goat farming<br>(1124) | Animal aquaculture and other animal production<br>(1125,1129) |
|---|--|-----------------------------|---|-------------------------------|--------------------------------------|----------------------------------|---|
| <b>F FARMS AND LAND IN FARMS</b>  |  |                             |   |                               |                                      |                                  |   |
| Farms .....   | number                                       | 4,115                       | 2,232                                       | 2,489                         | 838                                  | 604                              | 942   |
|   | percent                                      | 7.7                         | 4.2   | 4.7                           | 1.6                                  | 1.1                              | 1.8   |
| Land in farms .....   | acres  | 529,252                     | 408,385                                     | 1,176,328                     | 189,980                              | 51,066                           | 50,264  |
| Average size of farm .....  | acres  | 129                         | 183   | 473                           | 227                                  | 85                               | 53  |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |  |                             |   |                               |                                      |                                  |   |
| Total (see text) .....  | farms  | 4,115                       | 2,232                                       | 2,489                         | 838                                  | 604                              | 942   |
|   | \$1,000                                      | 70,300                      | 157,649                                     | 856,514                       | 201,884                              | 154,106                          | 4,915   |
| Average per farm .....  | dollars                                      | 17,084                      | 70,631                                      | 344,120                       | 240,912                              | 255,143                          | 5,218   |
| Farms by economic class:  |  |                             |   |                               |                                      |                                  |   |
| Less than \$1,000 (see text) .....  |  | 1,114                       | 73  | 32                            | 204                                  | 354                              | 385   |
| \$1,000 to \$2,499 .....  |  | 733                         | 427   | 2                             | 112                                  | 70                               | 266   |
| \$2,500 to \$4,999 .....  |  | 556                         | 410   | 3                             | 62                                   | 43                               | 132   |
| \$5,000 to \$9,999 .....  |  | 609                         | 400   | 13                            | 46                                   | 26                               | 84  |
| \$10,000 to \$24,999 .....  |  | 585                         | 413   | 159                           | 75                                   | 21                               | 50  |
| \$25,000 to \$49,999 .....  |  | 267                         | 181   | 252                           | 45                                   | 12                               | 11  |
| \$50,000 to \$99,999 .....  |  | 142                         | 114   | 410                           | 34                                   | 17                               | 8   |
| \$100,000 to \$249,999 .....  |  | 69                          | 100   | 707                           | 81                                   | 7                                | 5   |
| \$250,000 to \$499,999 .....  |  | 24                          | 49  | 521                           | 74                                   | 5                                | 15  |
| \$500,000 to \$999,999 .....  |  | 12                          | 38  | 245                           | 49                                   | 18                               | 1   |
| \$1,000,000 or more .....   |  | 4                           | 27  | 145                           | 56                                   | 31                               | 6   |
| \$1,000,000 to \$2,499,999 .....  |  | 3                           | 19  | 100                           | 44                                   | 21                               | 4   |
| \$2,500,000 to \$4,999,999 .....  |  | 1                           | 4   | 32                            | 8                                    | 2                                | 1   |
| \$5,000,000 or more .....   |  | -                           | 4   | 13                            | 4                                    | 8                                | 1   |
| Total sales (see text) .....  | farms  | 4,115                       | 2,232                                       | 2,489                         | 838                                  | 604                              | 942   |
|   | \$1,000                                      | 67,469                      | 153,374                                     | 816,458                       | 199,044                              | 153,574                          | 4,548   |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | farms  | 493                         | 551   | 1,225                         | 261                                  | 44                               | 20  |
|   | \$1,000                                      | 6,577                       | 20,233                                      | 50,084                        | 20,308                               | 4,616                            | 307   |
| Sales of \$50,000 or more .....   | farms  | 31                          | 94  | 291                           | 103                                  | 22                               | 1   |
|   | \$1,000                                      | 3,558                       | 15,834                                      | 35,235                        | 17,872                               | 4,238                            | (D)   |
| Tobacco .....   | farms  | -                           | -   | -                             | -                                    | -                                | -   |
|   | \$1,000                                      | -                           | -   | -                             | -                                    | -                                | -   |
| Sales of \$50,000 or more .....   | farms  | -                           | -   | -                             | -                                    | -                                | -   |
|   | \$1,000                                      | -                           | -   | -                             | -                                    | -                                | -   |
| Cotton and cottonseed .....   | farms  | -                           | -   | -                             | -                                    | -                                | -   |
|   | \$1,000                                      | -                           | -   | -                             | -                                    | -                                | -   |
| Sales of \$50,000 or more .....   | farms  | -                           | -   | -                             | -                                    | -                                | -   |
|   | \$1,000                                      | -                           | -   | -                             | -                                    | -                                | -   |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | farms  | 48                          | 42  | 62                            | 14                                   | 15                               | 5   |
|   | \$1,000                                      | 235                         | 296   | 1,591                         | 267                                  | (D)                              | 3   |
| Sales of \$50,000 or more .....   | farms  | -                           | 1   | 8                             | 3                                    | 1                                | -   |
|   | \$1,000                                      | -                           | (D)   | 1,276                         | (D)                                  | (D)                              | -   |
| Fruits, tree nuts, and berries .....  | farms  | 20                          | 13  | 44                            | 3                                    | 6                                | 4   |
|   | \$1,000                                      | (D)                         | 230   | 567                           | (D)                                  | 3                                | (D)   |
| Sales of \$50,000 or more .....   | farms  | -                           | 1   | 4                             | 1                                    | -                                | -   |
|   | \$1,000                                      | -                           | (D)   | (D)                           | (D)                                  | -                                | -   |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | farms  | 4                           | 2   | 12                            | -                                    | 1                                | -   |
|   | \$1,000                                      | 25                          | (D)   | 68                            | -                                    | (D)                              | -   |
| Sales of \$50,000 or more .....   | farms  | -                           | -   | -                             | -                                    | -                                | -   |
|   | \$1,000                                      | -                           | -   | -                             | -                                    | -                                | -   |
| Cut Christmas trees and short-rotation woody crops .....                    | farms  | 14                          | 6   | 3                             | 4                                    | 1                                | 4   |
|   | \$1,000                                      | (D)                         | (D)   | 148                           | (D)                                  | (D)                              | (D)   |
| Sales of \$50,000 or more .....   | farms  | -                           | -   | 2                             | -                                    | -                                | -   |
|   | \$1,000                                      | -                           | -   | (D)                           | -                                    | -                                | -   |
| Other crops and hay (see text) .....  | farms  | 613                         | 463   | 402                           | 122                                  | 28                               | 57  |
|   | \$1,000                                      | 2,971                       | 6,768                                       | 7,439                         | 1,850                                | 96                               | 121   |
| Sales of \$50,000 or more .....   | farms  | 4                           | 14  | 38                            | 9                                    | -                                | 5   |
|   | \$1,000                                      | 473                         | 5,196                                       | 4,406                         | 1,202                                | -                                | (D)   |
| Cattle and calves .....   | farms  | 3,171                       | 2,232                                       | 2,395                         | 128                                  | 23                               | 37  |
|   | \$1,000                                      | 54,056                      | 123,701                                     | 69,161                        | 1,758                                | 287                              | 87  |
| Sales of \$50,000 or more .....   | farms  | 183                         | 274   | 323                           | 7                                    | 2                                | 15  |
|   | \$1,000                                      | 30,364                      | 107,060                                     | 40,716                        | 953                                  | (D)                              | 2,187   |
| Milk and other dairy products from cows .....                               | farms  | 96                          | 13  | 2,456                         | 10                                   | 2                                | 1   |
|   | \$1,000                                      | 2,168                       | 582   | 683,770                       | 632                                  | (D)                              | 24  |
| Sales of \$50,000 or more .....   | farms  | 10                          | 5   | 1,885                         | 2                                    | -                                | 1,293   |
|   | \$1,000                                      | 1,284                       | 496   | 668,651                       | (D)                                  | -                                | 3   |
| Hogs and pigs .....   | farms  | 201                         | 196   | 135                           | 812                                  | 31                               | 37  |
|   | \$1,000                                      | 516                         | 1,086                                       | 3,104                         | 173,971                              | 4,357                            | 25  |
| Sales of \$50,000 or more .....   | farms  | 2                           | 7   | 3                             | 288                                  | 10                               | 16  |
|   | \$1,000                                      | (D)                         | (D)   | (D)                           | 170,804                              | 4,337                            | 3,108   |
| Sheep, goats, and their products .....                                      | farms  | 166                         | 125   | 63                            | 60                                   | 77                               | 923   |
|   | \$1,000                                      | 411                         | 258   | 97                            | 86                                   | 22                               | 295   |
| Sales of \$50,000 or more .....   | farms  | 1                           | 2   | -                             | -                                    | -                                | 537   |
|   | \$1,000                                      | (D)                         | (D)   | -                             | -                                    | -                                | 1   |
| Horses, ponies, mules, burros, and donkeys .....                            | farms  | 127                         | 68  | 101                           | 16                                   | 6                                | 26  |
|   | \$1,000                                      | 254                         | 134   | 272                           | 22                                   | (D)                              | 22  |
| Sales of \$50,000 or more .....   | farms  | -                           | -   | -                             | -                                    | -                                | 50  |
|   | \$1,000                                      | -                           | -   | -                             | -                                    | -                                | 8,424   |
| Poultry and eggs .....  | farms  | 187                         | 174   | 113                           | 83                                   | 579                              | 123   |
|   | \$1,000                                      | 111                         | 66  | 92                            | 31                                   | 143,879                          | 30  |
| Sales of \$50,000 or more .....   | farms  | -                           | -   | -                             | -                                    | 74                               | 1,740   |
|   | \$1,000                                      | -                           | -   | -                             | -                                    | 142,653                          | 3   |

See footnote(s) at end of table.

-continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total  | Oilseed and grain farming (1111) | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                         |                        |   |
|--|--------|----------------------------------|------------------------------------|-----------------------------------|---|---------------------------|-------------------------|------------------------|---|
|  |        |                                  |                                    |                                   |   | Total                     | Tobacco farming (11191) | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>               |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Total (see text) - Con.  |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Total sales (see text) - Con.  |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Aquaculture (see text) .... farms  | 83     | 2                                | 3                                  | 4                                 | 12  | 1                         | -                       | -                      | 1   |
| \$1,000 3,316 (D)  |        |                                  | (Z)                                | 1                                 | 93  | (D)                       |                         |                        | (D)   |
| Sales of \$50,000 or more .... farms   | 12     | -                                | -                                  | -                                 | 1   | -                         | -                       | -                      | -   |
| \$1,000 2,808  |        |                                  |                                    |                                   | (D)   |                           |                         |                        |   |
| Other animals and other animal products (see text) .... farms                                  | 1,152  | 39                               | 32                                 | 34                                | 17  | 101                       | -                       | -                      | 101   |
| \$1,000 32,972 (D)   |        |                                  | 13                                 | 92                                | 33  | (D)                       |                         |                        | (D)   |
| Sales of \$50,000 or more .... farms   | 92     | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -   |
| \$1,000 28,313   |        |                                  |                                    |                                   | -   |                           |                         |                        |   |
| Government payments .... farms   | 18,133 | 6,767                            | 340                                | 441                               | 186   | 6,317                     | -                       | -                      | 6,317   |
| \$1,000 144,771 60,698 4,286 7,338 475 20,156  |        |                                  |                                    |                                   |   |                           |                         |                        | 20,156  |
| Value of - Certified organically produced commodities (see text) .... farms                    | 283    | 127                              | 22                                 | 26                                | 16  | 52                        | -                       | -                      | 52  |
| \$1,000 7,019 3,182 196 (D) 184 144  |        |                                  |                                    |                                   |   |                           |                         |                        | 144   |
| Landlord's share of total sales (see text) .... farms  | 2,262  | 1,432                            | 47                                 | 62                                | 39  | 298                       | -                       | -                      | 298   |
| \$1,000 46,690 30,124 1,352 1,354 1,003 4,652  |        |                                  |                                    |                                   |   |                           |                         |                        | 4,652   |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms | 4,925  | 455                              | 662                                | 556                               | 206   | 627                       | -                       | -                      | 627   |
| \$1,000 37,269 2,730 11,208 8,766 4,262 2,272  |        |                                  |                                    |                                   |   |                           |                         |                        | 2,272   |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Total farm production expenses .... farms  | 53,296 | 13,326                           | 1,531                              | 2,342                             | 3,317   | 13,972                    | -                       | -                      | 13,972  |
| \$1,000 3,333,716 865,187 249,515 167,597 465,532 233,308                                      |        |                                  | 162,975                            | 71,561                            | 140,347   | 16,698                    |                         |                        | 233,308   |
| Average per farm .... dollars  | 62,551 | 64,925                           |                                    |                                   |   |                           |                         |                        | 16,698  |
| Fertilizer, lime, and soil conditioners purchased .... farms                                   | 28,156 | 10,625                           | 1,398                              | 1,990                             | 2,239   | 4,681                     | -                       | -                      | 4,681   |
| \$1,000 241,158 139,554 20,850 6,642 11,267 20,217   |        |                                  |                                    |                                   |   |                           |                         |                        | 20,217  |
| Farms with expenses of- \$1 to \$4,999   | 19,937 | 5,627                            | 1,024                              | 1,693                             | 1,971   | 4,179                     | -                       | -                      | 4,179   |
| \$5,000 to \$24,999  | 5,689  | 3,401                            | 209                                | 238                               | 203   | 301                       | -                       | -                      | 301   |
| \$25,000 to \$49,999   | 1,527  | 967                              | 72                                 | 45                                | 25  | 105                       | -                       | -                      | 105   |
| \$50,000 or more   | 1,003  | 630                              | 93                                 | 14                                | 40  | 96                        | -                       | -                      | 96  |
| Chemicals purchased .... farms   | 23,602 | 9,609                            | 1,271                              | 1,961                             | 2,051   | 3,404                     | -                       | -                      | 3,404   |
| \$1,000 181,198 84,376 25,054 23,554 8,917 15,286  |        |                                  |                                    |                                   |   |                           |                         |                        | 15,286  |
| Farms with expenses of- \$1 to \$4,999   | 17,185 | 5,970                            | 871                                | 1,347                             | 1,811   | 2,964                     | -                       | -                      | 2,964   |
| \$5,000 to \$24,999  | 4,642  | 2,734                            | 206                                | 366                               | 172   | 285                       | -                       | -                      | 285   |
| \$25,000 to \$49,999   | 1,057  | 610                              | 77                                 | 122                               | 34  | 76                        | -                       | -                      | 76  |
| \$50,000 or more   | 718    | 295                              | 117                                | 126                               | 34  | 79                        | -                       | -                      | 79  |
| Seeds, plants, vines, and trees .... farms   | 25,048 | 10,087                           | 1,267                              | 1,169                             | 2,516   | 3,917                     | -                       | -                      | 3,917   |
| \$1,000 257,178 103,029 26,029 4,289 81,388 13,010   |        |                                  |                                    |                                   |   |                           |                         |                        | 13,010  |
| Farms with expenses of- \$1 to \$999   | 10,930 | 2,260                            | 556                                | 704                               | 1,272   | 2,991                     | -                       | -                      | 2,991   |
| \$1,000 to \$4,999   | 6,971  | 3,809                            | 223                                | 268                               | 538   | 533                       | -                       | -                      | 533   |
| \$5,000 to \$24,999  | 5,120  | 2,938                            | 299                                | 159                               | 363   | 271                       | -                       | -                      | 271   |
| \$25,000 to \$49,999   | 1,138  | 666                              | 84                                 | 22                                | 115   | 67                        | -                       | -                      | 67  |
| \$50,000 or more   | 889    | 414                              | 105                                | 16                                | 228   | 55                        | -                       | -                      | 55  |
| Livestock and poultry purchased .... farms   | 11,647 | 1,527                            | 151                                | 67                                | 136   | 1,779                     | -                       | -                      | 1,779   |
| \$1,000 196,578 9,056 356 189 152 9,788  |        |                                  |                                    |                                   |   |                           |                         |                        | 9,788   |
| Farms with expenses of- \$1 to \$4,999   | 9,336  | 1,228                            | 143                                | 65                                | 136   | 1,560                     | -                       | -                      | 1,560   |
| \$5,000 to \$24,999  | 1,422  | 236                              | 6                                  | -                                 | -   | 134                       | -                       | -                      | 134   |
| \$25,000 to \$99,999   | 504    | 52                               | 1                                  | 2                                 | -   | 67                        | -                       | -                      | 67  |
| \$100,000 to \$249,999   | 222    | 9                                | 1                                  | -                                 | -   | 11                        | -                       | -                      | 11  |
| \$250,000 or more  | 163    | 2                                | -                                  | -                                 | -   | 7                         | -                       | -                      | 7   |
| Breeding livestock purchased (see text) .... farms   | 5,274  | 565                              | 78                                 | 10                                | 54  | 687                       | -                       | -                      | 687   |
| \$1,000 31,345 932 68 5 13 1,326   |        |                                  |                                    |                                   |   |                           |                         |                        | 1,326   |
| Other livestock and poultry purchased .... farms   | 7,934  | 1,117                            | 116                                | 62                                | 117   | 1,308                     | -                       | -                      | 1,308   |
| \$1,000 165,233 8,123 288 185 138 8,463  |        |                                  |                                    |                                   |   |                           |                         |                        | 8,463   |
| Feed purchased .... farms  | 24,297 | 2,945                            | 243                                | 235                               | 254   | 4,150                     | -                       | -                      | 4,150   |
| \$1,000 390,264 12,366 636 467 357 9,981   |        |                                  |                                    |                                   |   |                           |                         |                        | 9,981   |
| Farms with expenses of- \$1 to \$4,999   | 18,476 | 2,439                            | 195                                | 213                               | 245   | 3,828                     | -                       | -                      | 3,828   |
| \$5,000 to \$24,999  | 4,014  | 401                              | 47                                 | 21                                | 8   | 286                       | -                       | -                      | 286   |
| \$25,000 to \$99,999   | 1,161  | 100                              | 1                                  | 1                                 | 1   | 22                        | -                       | -                      | 22  |
| \$100,000 to \$249,999   | 401    | 4                                | -                                  | -                                 | -   | 11                        | -                       | -                      | 11  |
| \$250,000 or more  | 245    | 1                                | -                                  | -                                 | -   | 3                         | -                       | -                      | 3   |
| Gasoline, fuels, and oils .... farms   | 50,597 | 12,931                           | 1,490                              | 2,263                             | 3,205   | 13,125                    | -                       | -                      | 13,125  |
| \$1,000 145,503 46,328 10,479 5,921 23,025 14,836  |        |                                  |                                    |                                   |   |                           |                         |                        | 14,836  |
| Farms with expenses of- \$1 to \$4,999   | 44,407 | 10,373                           | 1,136                              | 1,964                             | 2,651   | 12,627                    | -                       | -                      | 12,627  |
| \$5,000 to \$24,999  | 5,258  | 2,312                            | 242                                | 262                               | 364   | 418                       | -                       | -                      | 418   |
| \$25,000 to \$49,999   | 641    | 200                              | 67                                 | 28                                | 97  | 55                        | -                       | -                      | 55  |
| \$50,000 or more   | 291    | 46                               | 45                                 | 9                                 | 93  | 25                        | -                       | -                      | 25  |

See footnote(s) at end of table.

-continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Beef cattle ranching and farming<br>(112111) | Cattle feedlots<br>(112112) | Dairy cattle and milk production<br>(11212) | Hog and pig farming<br>(1122) | Poultry and egg production<br>(1123) | Sheep and goat farming<br>(1124) | Animal aquaculture and other animal production<br>(1125,1129) |
|--|--|-----------------------------|---|-------------------------------|--------------------------------------|----------------------------------|---|
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>         |  |                             |   |                               |                                      |                                  |   |
| Total (see text) - Con.  |  |                             |   |                               |                                      |                                  |   |
| Total sales (see text) - Con.  |  |                             |   |                               |                                      |                                  |   |
| Aquaculture (see text) ....  | farms \$1,000                                | 2 (D)                       | 1   | -                             | -                                    | 5                                | 3   |
| Sales of \$50,000 or more .....  | farms  | -                           | (D)   | -                             | -                                    | 6                                | 1   |
| \$1,000  | -  | -                           | -   | -                             | -                                    | -                                | 11  |
| (D)  | -  | -                           | -   | -                             | -                                    | -                                | -   |
| Other animals and other animal products (see text) ....                                  | farms \$1,000                                | 40 60                       | 30 13                                       | 29 65                         | 14 (D)                               | 24                               | 53  |
| Sales of \$50,000 or more .....  | farms  | -                           | -   | -                             | -                                    | -                                | 739   |
| \$1,000  | -  | -                           | -   | -                             | -                                    | -                                | 32,440  |
| (D)  | -  | -                           | -   | -                             | -                                    | -                                | 92  |
| Government payments .....  | farms \$1,000                                | 824 2,831                   | 698 4,275                                   | 1,698 40,056                  | 240 2,840                            | 88 532                           | 202 368   |
|  |  |                             |   |                               |                                      |                                  | 332 916   |
| Value of -   |  |                             |   |                               |                                      |                                  |   |
| Certified organically produced commodities (see text) ....                               | farms \$1,000                                | 9 11                        | 6 87  | 8 299                         | 3 (D)                                | 5                                | 1 (D)   |
|  |  |                             |   |                               |                                      |                                  | 8 28  |
| Landlord's share of total sales (see text) ....  | farms \$1,000                                | 76 810                      | 96 1,151                                    | 126 5,186                     | 34 694                               | 6 (D)                            | 4 (D)   |
|  |  |                             |   |                               |                                      |                                  | 42 312  |
| Agricultural products sold directly to individuals for human consumption (see text) .... | farms \$1,000                                | 543 1,406                   | 713 2,844                                   | 139 468                       | 194 516                              | 230 666                          | 224 200   |
|  |  |                             |   |                               |                                      |                                  | 376 1,931   |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |  |                             |   |                               |                                      |                                  |   |
| Total farm production expenses .....   | farms \$1,000                                | 4,331 80,806                | 2,320 151,314                               | 2,366 635,723                 | 859 190,676                          | 587 125,071                      | 984 10,958  |
| Average per farm .....   | dollars                                      | 18,658                      | 65,221                                      | 268,691                       | 221,975                              | 213,068                          | 11,137  |
| Fertilizer, lime, and soil conditioners purchased .....                                  | farms \$1,000                                | 1,773 3,412                 | 1,161 6,466                                 | 2,077 25,369                  | 352 4,012                            | 189 764                          | 235 225   |
| Farms with expenses of- \$1 to \$4,999 .....   |  | 1,649                       | 947   | 883                           | 189                                  | 158                              | 234   |
| \$5,000 to \$24,999 .....  |  | 108                         | 149   | 899                           | 114                                  | 22                               | -   |
| \$25,000 to \$49,999 .....   |  | 12                          | 31  | 225                           | 32                                   | 8                                | -   |
| \$50,000 or more .....   |  | 4                           | 34  | 70                            | 17                                   | 1                                | 1   |
| Chemicals purchased .....  | farms \$1,000                                | 1,267 1,323                 | 919 3,853                                   | 1,678 14,123                  | 291 2,729                            | 118 675                          | 134 58  |
| Farms with expenses of- \$1 to \$4,999 .....   |  | 1,210                       | 815   | 955                           | 193                                  | 91                               | 133   |
| \$5,000 to \$24,999 .....  |  | 51                          | 67  | 604                           | 66                                   | 20                               | 1   |
| \$25,000 to \$49,999 .....   |  | 4                           | 22  | 82                            | 23                                   | 5                                | -   |
| \$50,000 or more .....   |  | 2                           | 15  | 37                            | 9                                    | 2                                | 2   |
| Seeds, plants, vines, and trees .....  | farms \$1,000                                | 1,377 1,895                 | 974 4,601                                   | 1,899 17,330                  | 339 3,307                            | 237 736                          | 207 107   |
| Farms with expenses of- \$1 to \$999 .....   |  | 969                         | 575   | 321                           | 104                                  | 187                              | 179   |
| \$1,000 to \$4,999 .....   |  | 336                         | 245   | 692                           | 78                                   | 24                               | 27  |
| \$5,000 to \$24,999 .....  |  | 62                          | 106   | 752                           | 118                                  | 17                               | 1   |
| \$25,000 to \$49,999 .....   |  | 8                           | 26  | 103                           | 27                                   | 6                                | -   |
| \$50,000 or more .....   |  | 2                           | 22  | 31                            | 12                                   | 3                                | 14  |
| Livestock and poultry purchased .....  | farms \$1,000                                | 1,804 13,250                | 1,423 59,255                                | 1,036 38,910                  | 706 43,193                           | 332 11,406                       | 512 474   |
| Farms with expenses of- \$1 to \$4,999 .....   |  | 1,504                       | 1,014                                       | 595                           | 476                                  | 264                              | 511   |
| \$5,000 to \$24,999 .....  |  | 224                         | 249   | 251                           | 35                                   | 18                               | -   |
| \$25,000 to \$99,999 .....   |  | 60                          | 53  | 109                           | 90                                   | 23                               | 47  |
| \$100,000 to \$249,999 .....   |  | 8                           | 58  | 51                            | 57                                   | 13                               | 1   |
| \$250,000 or more .....  |  | 8                           | 49  | 30                            | 48                                   | 14                               | 13  |
| Breeding livestock purchased (see text) .....  | farms \$1,000                                | 912 1,574                   | 552 1,008                                   | 872 21,283                    | 277 2,251                            | 98 637                           | 330 223   |
| Other livestock and poultry purchased .....  | farms \$1,000                                | 1,101 11,676                | 1,035 58,247                                | 326 17,626                    | 570 40,943                           | 296 10,770                       | 277 252   |
| Feed purchased .....   | farms \$1,000                                | 3,534 12,074                | 2,096 24,656                                | 2,245 166,175                 | 787 71,737                           | 551 59,230                       | 924 1,541   |
| Farms with expenses of- \$1 to \$4,999 .....   |  | 3,121                       | 1,533                                       | 346                           | 404                                  | 451                              | 848   |
| \$5,000 to \$24,999 .....  |  | 364                         | 445   | 799                           | 149                                  | 45                               | 1,853   |
| \$25,000 to \$99,999 .....   |  | 30                          | 83  | 752                           | 81                                   | 6                                | 1,374   |
| \$100,000 to \$249,999 .....   |  | 17                          | 28  | 234                           | 83                                   | 6                                | 83  |
| \$250,000 or more .....  |  | 2                           | 7   | 114                           | 70                                   | 43                               | -   |
| Gasoline, fuels, and oils .....  | farms \$1,000                                | 4,249 4,672                 | 2,265 4,503                                 | 2,366 21,935                  | 827 4,452                            | 479 2,607                        | 874 388   |
| Farms with expenses of- \$1 to \$4,999 .....   |  | 4,091                       | 2,107                                       | 1,136                         | 653                                  | 432                              | 873   |
| \$5,000 to \$24,999 .....  |  | 152                         | 136   | 1,063                         | 133                                  | 25                               | 1,364   |
| \$25,000 to \$49,999 .....   |  | 6                           | 18  | 128                           | 31                                   | 7                                | 150   |
| \$50,000 or more .....   |  | -                           | 4   | 39                            | 10                                   | 15                               | 4   |

See footnote(s) at end of table.

-continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                                  | Oilseed and grain farming (1111)    | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119)        |                         |                        |   |  |  |  |  |  |
|---|--|-------------------------------------|------------------------------------|-----------------------------------|---|----------------------------------|-------------------------|------------------------|---|--|--|--|--|--|
|   |  |                                     |                                    |                                   |   | Total                            | Tobacco farming (11191) | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |  |  |  |  |  |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |  |                                     |                                    |                                   |   |                                  |                         |                        |   |  |  |  |  |  |
| Total farm production expenses - Con.   |  |                                     |                                    |                                   |   |                                  |                         |                        |   |  |  |  |  |  |
| Utilities (see text) .... farms \$1,000   | 30,422<br>91,391                       | 8,219<br>17,529                     | 1,066<br>7,588                     | 1,483<br>4,262                    | 2,023<br>17,340   | 5,530<br>5,916                   | -<br>-                  | -<br>-                 | 5,530<br>5,916  |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 17,496<br>9,451<br>2,928<br>343<br>204 | 4,124<br>3,339<br>704<br>38<br>14   | 536<br>304<br>163<br>35<br>28      | 913<br>383<br>154<br>22<br>11     | 903<br>596<br>374<br>81<br>69                           | 4,137<br>1,233<br>143<br>11<br>6 | -<br>-<br>-<br>-<br>-   | -<br>-<br>-<br>-<br>-  | 4,137<br>1,233<br>143<br>11<br>6  |  |  |  |  |  |
| Supplies, repairs, and maintenance .... farms \$1,000   | 47,754<br>334,489                      | 12,270<br>80,245                    | 1,481<br>28,279                    | 2,162<br>15,845                   | 3,047<br>54,870   | 12,240<br>30,618                 | -<br>-                  | -<br>-                 | 12,240<br>30,618  |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....                                  | 36,285<br>8,807<br>1,532<br>1,130      | 8,282<br>3,370<br>421<br>197        | 967<br>272<br>109<br>133           | 1,571<br>471<br>67<br>53          | 2,054<br>714<br>121<br>158                              | 11,089<br>946<br>118<br>87       | -<br>-<br>-<br>-        | -<br>-<br>-<br>-       | 11,089<br>946<br>118<br>87  |  |  |  |  |  |
| Hired farm labor .... farms \$1,000   | 12,279<br>469,731                      | 2,900<br>38,199                     | 718<br>55,676                      | 1,043<br>51,917                   | 1,307<br>160,934  | 1,918<br>15,954                  | -<br>-                  | -<br>-                 | 1,918<br>15,954   |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$99,999 .....<br>\$100,000 to \$249,999 .....<br>\$250,000 or more ..... | 7,177<br>2,442<br>1,736<br>550<br>374  | 1,915<br>580<br>333<br>62<br>10     | 277<br>153<br>151<br>80<br>57      | 466<br>259<br>178<br>91<br>49     | 418<br>400<br>237<br>119<br>133                         | 1,553<br>204<br>135<br>18<br>8   | -<br>-<br>-<br>-<br>-   | -<br>-<br>-<br>-<br>-  | 1,553<br>204<br>135<br>18<br>8  |  |  |  |  |  |
| Contract labor .... farms \$1,000   | 3,614<br>35,023                        | 794<br>5,215                        | 118<br>2,374                       | 436<br>3,477                      | 385<br>8,928  | 638<br>2,350                     | -<br>-                  | -<br>-                 | 638<br>2,350  |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 1,382<br>1,188<br>825<br>146<br>73     | 303<br>271<br>151<br>55<br>14       | 23<br>52<br>21<br>14<br>8          | 114<br>177<br>128<br>9<br>8       | 121<br>123<br>126<br>4<br>11                            | 369<br>181<br>66<br>18<br>4      | -<br>-<br>-<br>-<br>-   | -<br>-<br>-<br>-<br>-  | 369<br>181<br>66<br>18<br>4   |  |  |  |  |  |
| Customwork and custom hauling .... farms \$1,000  | 9,148<br>63,676                        | 3,350<br>13,234                     | 278<br>7,078                       | 414<br>4,735                      | 233<br>7,885  | 1,449<br>3,848                   | -<br>-                  | -<br>-                 | 1,449<br>3,848  |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 4,001<br>3,214<br>1,486<br>213<br>234  | 1,015<br>1,645<br>628<br>48<br>14   | 84<br>70<br>63<br>19<br>42         | 146<br>153<br>67<br>13<br>35      | 127<br>42<br>27<br>6<br>31                              | 1,015<br>271<br>149<br>6<br>8    | -<br>-<br>-<br>-<br>-   | -<br>-<br>-<br>-<br>-  | 1,015<br>271<br>149<br>6<br>8   |  |  |  |  |  |
| Cash rent for land, buildings, and grazing fees .... farms \$1,000  | 12,399<br>216,140                      | 5,832<br>125,886                    | 491<br>18,838                      | 320<br>5,055                      | 359<br>8,510  | 1,421<br>18,252                  | -<br>-                  | -<br>-                 | 1,421<br>18,252   |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 or more .....                                   | 7,276<br>1,408<br>1,704<br>2,011       | 2,635<br>841<br>1,067<br>1,289      | 269<br>38<br>68<br>116             | 221<br>26<br>43<br>30             | 268<br>15<br>26<br>50                                   | 1,066<br>78<br>122<br>155        | -<br>-<br>-<br>-        | -<br>-<br>-<br>-       | 1,066<br>78<br>122<br>155   |  |  |  |  |  |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000   | 3,940<br>33,771                        | 1,559<br>10,461                     | 201<br>5,876                       | 316<br>1,354                      | 208<br>2,989  | 474<br>3,876                     | -<br>-                  | -<br>-                 | 474<br>3,876  |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 1,534<br>1,179<br>943<br>170<br>114    | 530<br>576<br>353<br>66<br>34       | 50<br>29<br>80<br>17<br>25         | 115<br>146<br>47<br>5<br>3        | 81<br>36<br>57<br>20<br>14                              | 218<br>117<br>114<br>16<br>9     | -<br>-<br>-<br>-<br>-   | -<br>-<br>-<br>-<br>-  | 218<br>117<br>114<br>16<br>9  |  |  |  |  |  |
| Interest expense .... farms \$1,000   | 18,089<br>211,406                      | 5,792<br>67,596                     | 621<br>12,369                      | 985<br>12,300                     | 922<br>15,168   | 3,079<br>20,988                  | -<br>-                  | -<br>-                 | 3,079<br>20,988   |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$99,999 .....<br>\$100,000 or more .....                                 | 9,658<br>6,548<br>1,648<br>235         | 2,825<br>2,324<br>588<br>55         | 295<br>187<br>119<br>20            | 470<br>386<br>119<br>10           | 474<br>363<br>54<br>31                                  | 1,959<br>985<br>120<br>15        | -<br>-<br>-<br>-        | -<br>-<br>-<br>-       | 1,959<br>985<br>120<br>15   |  |  |  |  |  |
| Secured by real estate .... farms \$1,000   | 14,332<br>154,977                      | 4,380<br>46,579                     | 445<br>8,230                       | 816<br>10,344                     | 674<br>10,912   | 2,547<br>16,542                  | -<br>-                  | -<br>-                 | 2,547<br>16,542   |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 1,919<br>5,535<br>5,594<br>838<br>446  | 433<br>1,665<br>1,881<br>258<br>143 | 44<br>143<br>168<br>54<br>36       | 87<br>300<br>329<br>62<br>38      | 79<br>277<br>258<br>27<br>33                            | 440<br>1,128<br>884<br>64<br>31  | -<br>-<br>-<br>-<br>-   | -<br>-<br>-<br>-<br>-  | 440<br>1,128<br>884<br>64<br>31   |  |  |  |  |  |
| Not secured by real estate .... farms \$1,000   | 8,737<br>56,428                        | 3,361<br>21,018                     | 362<br>4,139                       | 433<br>1,956                      | 445<br>4,257  | 1,083<br>4,446                   | -<br>-                  | -<br>-                 | 1,083<br>4,446  |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$999 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more .....        | 3,042<br>3,192<br>2,067<br>286<br>150  | 978<br>1,281<br>955<br>102<br>45    | 94<br>131<br>92<br>29<br>16        | 154<br>167<br>102<br>5<br>5       | 123<br>188<br>100<br>18<br>16                           | 574<br>315<br>167<br>14<br>13    | -<br>-<br>-<br>-<br>-   | -<br>-<br>-<br>-<br>-  | 574<br>315<br>167<br>14<br>13   |  |  |  |  |  |
| Property taxes paid .... farms \$1,000  | 50,494<br>157,933                      | 12,435<br>50,108                    | 1,409<br>6,765                     | 2,281<br>8,169                    | 3,148<br>10,395   | 13,329<br>29,285                 | -<br>-                  | -<br>-                 | 13,329<br>29,285  |  |  |  |  |  |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 or more .....                                   | 43,434<br>4,379<br>2,144<br>537        | 9,676<br>1,729<br>874<br>156        | 1,099<br>150<br>107<br>53          | 1,864<br>270<br>122<br>25         | 2,755<br>214<br>132<br>47                               | 12,313<br>728<br>257<br>31       | -<br>-<br>-<br>-        | -<br>-<br>-<br>-       | 12,313<br>728<br>257<br>31  |  |  |  |  |  |

See footnote(s) at end of table.

--continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Beef cattle<br>ranching and<br>farming<br>(112111) | Cattle feedlots<br>(112112) | Dairy cattle and<br>milk production<br>(11212) | Hog and pig<br>farming<br>(1122) | Poultry and egg<br>production<br>(1123) | Sheep and goat<br>farming<br>(1124) | Animal<br>aquaculture and<br>other animal<br>production<br>(1125,1129) |
|---|--|-----------------------------|--|----------------------------------|---|-------------------------------------|--|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>                                    |  |                             |  |                                  |   |                                     |  |
| Total farm production expenses - Con.   |  |                             |  |                                  |   |                                     |  |
| Utilities (see text) .....  | farms \$1,000                                      | 2,786<br>2,413              | 1,565<br>2,161                                 | 2,258<br>20,060                  | 593<br>3,740                            | 303<br>3,684                        | 616<br>1,003   |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$999 .....  |  | 2,091                       | 1,041  | 228                              | 265                                     | 190                                 | 540  |
| \$1,000 to \$4,999 .....  |  | 650                         | 466  | 887                              | 180                                     | 68                                  | 64   |
| \$5,000 to \$24,999 .....   |  | 40                          | 50   | 1,009                            | 116                                     | 22                                  | 1  |
| \$25,000 to \$49,999 .....  |  | 4                           | 5  | 100                              | 19                                      | 13                                  | 15   |
| \$50,000 or more .....  |  | 1                           | 3  | 34                               | 13                                      | 10                                  | 11   |
| Supplies, repairs, and maintenance .....  | farms \$1,000                                      | 3,916<br>11,787             | 2,199<br>10,234                                | 2,286<br>61,995                  | 776<br>8,232                            | 463<br>7,669                        | 880<br>1,723   |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$4,999 .....  |  | 3,326                       | 1,811  | 584                              | 481                                     | 353                                 | 825  |
| \$5,000 to \$24,999 .....   |  | 524                         | 312  | 978                              | 214                                     | 66                                  | 36   |
| \$25,000 to \$49,999 .....  |  | 50                          | 37   | 377                              | 49                                      | 15                                  | 19   |
| \$50,000 or more .....  |  | 16                          | 39   | 347                              | 32                                      | 29                                  | 39   |
| Hired farm labor .....  | farms \$1,000                                      | 702<br>3,566                | 526<br>6,251                                   | 1,442<br>88,255                  | 215<br>14,628                           | 149<br>17,102                       | 150<br>350   |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$4,999 .....  |  | 612                         | 409  | 358                              | 75                                      | 112                                 | 115  |
| \$5,000 to \$24,999 .....   |  | 56                          | 66   | 448                              | 57                                      | 6                                   | 35   |
| \$25,000 to \$49,999 .....  |  | 28                          | 35   | 423                              | 59                                      | 11                                  | -  |
| \$100,000 to \$249,999 .....  |  | 6                           | 11   | 133                              | 12                                      | 5                                   | 13   |
| \$250,000 or more .....   |  | -                           | 5  | 80                               | 12                                      | 15                                  | 5  |
| Contract labor .....  | farms \$1,000                                      | 72<br>272                   | 96<br>510                                      | 241<br>4,875                     | 48<br>2,625                             | 48<br>1,391                         | 130<br>80  |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$999 .....  |  | 39                          | 30   | 20                               | 18                                      | 27                                  | 121  |
| \$1,000 to \$4,999 .....  |  | 21                          | 48   | 65                               | 18                                      | 13                                  | 2  |
| \$5,000 to \$24,999 .....   |  | 11                          | 14   | 115                              | 5                                       | 3                                   | 7  |
| \$25,000 to \$49,999 .....  |  | -                           | 2  | 27                               | 2                                       | 1                                   | -  |
| \$50,000 or more .....  |  | 1                           | 2  | 14                               | 5                                       | 4                                   | 2  |
| Customwork and custom hauling .....   | farms \$1,000                                      | 736<br>862                  | 593<br>986                                     | 1,250<br>20,802                  | 130<br>2,241                            | 35<br>327                           | 118<br>35  |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$999 .....  |  | 558                         | 409  | 139                              | 48                                      | 16                                  | 115  |
| \$1,000 to \$4,999 .....  |  | 160                         | 147  | 473                              | 37                                      | 9                                   | 329  |
| \$5,000 to \$24,999 .....   |  | 12                          | 34   | 450                              | 31                                      | 6                                   | 204  |
| \$25,000 to \$49,999 .....  |  | 5                           | -  | 106                              | 6                                       | 3                                   | -  |
| \$50,000 or more .....  |  | 1                           | 3  | 82                               | 8                                       | 1                                   | 1  |
| Cash rent for land, buildings,<br>and grazing fees .....                              | farms \$1,000                                      | 808<br>2,461                | 673<br>5,157                                   | 1,436<br>24,059                  | 236<br>4,533                            | 66<br>1,223                         | 134<br>114   |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$4,999 .....  |  | 708                         | 583  | 687                              | 125                                     | 37                                  | 133  |
| \$5,000 to \$9,999 .....  |  | 45                          | 22   | 252                              | 35                                      | 6                                   | -  |
| \$10,000 to \$24,999 .....  |  | 39                          | 28   | 249                              | 30                                      | 12                                  | 1  |
| \$25,000 or more .....  |  | 16                          | 40   | 248                              | 46                                      | 11                                  | 10   |
| Rent and lease expenses for machinery,<br>equipment, and farm share of vehicles ..... | farms \$1,000                                      | 219<br>425                  | 146<br>842                                     | 404<br>5,274                     | 93<br>862                               | 62<br>1,161                         | 45<br>10   |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$999 .....  |  | 163                         | 84   | 68                               | 55                                      | 14                                  | 45   |
| \$1,000 to \$4,999 .....  |  | 34                          | 38   | 97                               | 7                                       | 28                                  | 111  |
| \$5,000 to \$24,999 .....   |  | 19                          | 17   | 189                              | 25                                      | 14                                  | -  |
| \$25,000 to \$49,999 .....  |  | 2                           | 2  | 34                               | 2                                       | 4                                   | 2  |
| \$50,000 or more .....  |  | 1                           | 5  | 16                               | 4                                       | 2                                   | 1  |
| Interest expense .....  | farms \$1,000                                      | 1,360<br>6,844              | 742<br>7,376                                   | 1,654<br>41,043                  | 383<br>9,106                            | 200<br>4,159                        | 244<br>1,164   |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$4,999 .....  |  | 885                         | 500  | 528                              | 170                                     | 83                                  | 158  |
| \$5,000 to \$24,999 .....   |  | 441                         | 162  | 740                              | 122                                     | 99                                  | 86   |
| \$25,000 to \$49,999 .....  |  | 34                          | 74   | 318                              | 70                                      | 10                                  | -  |
| \$100,000 or more .....   |  | -                           | 6  | 68                               | 21                                      | 8                                   | 1  |
| Secured by real estate .....  | farms \$1,000                                      | 1,142<br>5,557              | 588<br>4,770                                   | 1,303<br>29,175                  | 283<br>7,289                            | 176<br>3,424                        | 218<br>1,087   |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$999 .....  |  | 265                         | 53   | 74                               | 30                                      | 24                                  | 14   |
| \$1,000 to \$4,999 .....  |  | 481                         | 322  | 365                              | 61                                      | 42                                  | 118  |
| \$5,000 to \$24,999 .....   |  | 375                         | 166  | 596                              | 121                                     | 97                                  | 86   |
| \$25,000 to \$49,999 .....  |  | 21                          | 38   | 157                              | 40                                      | 4                                   | -  |
| \$50,000 or more .....  |  | -                           | 9  | 111                              | 31                                      | 9                                   | 113  |
| Not secured by real estate .....  | farms \$1,000                                      | 528<br>1,288                | 363<br>2,606                                   | 1,054<br>11,867                  | 179<br>1,817                            | 95<br>734                           | 101<br>78  |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$999 .....  |  | 298                         | 110  | 178                              | 81                                      | 49                                  | 77   |
| \$1,000 to \$4,999 .....  |  | 157                         | 183  | 358                              | 35                                      | 31                                  | 24   |
| \$5,000 to \$24,999 .....   |  | 70                          | 47   | 424                              | 43                                      | 7                                   | -  |
| \$25,000 to \$49,999 .....  |  | 3                           | 16   | 57                               | 12                                      | 6                                   | 24   |
| \$50,000 or more .....  |  | -                           | 7  | 37                               | 8                                       | 2                                   | 1  |
| Property taxes paid .....   | farms \$1,000                                      | 4,063<br>9,047              | 2,192<br>5,614                                 | 2,322<br>15,569                  | 821<br>4,602                            | 565<br>1,794                        | 906<br>1,670   |
| Farms with expenses of-   |  |                             |  |                                  |   |                                     |  |
| \$1 to \$4,999 .....  |  | 3,789                       | 1,974  | 1,341                            | 632                                     | 528                                 | 880  |
| \$5,000 to \$9,999 .....  |  | 163                         | 156  | 533                              | 68                                      | 15                                  | 26   |
| \$10,000 to \$24,999 .....  |  | 96                          | 46   | 362                              | 83                                      | 12                                  | -  |
| \$25,000 or more .....  |  | 15                          | 16   | 86                               | 38                                      | 10                                  | 53   |

See footnote(s) at end of table.

-continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total   | Oilseed and grain farming (1111) | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                         |                        |   |
|--|---------|----------------------------------|------------------------------------|-----------------------------------|---|---------------------------|-------------------------|------------------------|---|
|  |         |                                  |                                    |                                   |   | Total                     | Tobacco farming (11191) | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>   |         |                                  |                                    |                                   |   |                           |                         |                        |   |
| Total farm production expenses - Con.  |         |                                  |                                    |                                   |   |                           |                         |                        |   |
| All other production expenses (see text) farms \$1,000   | 30,851  | 7,985                            | 945                                | 1,418                             | 1,752   | 6,212                     | -                       | -                      | 6,212   |
| Farms with expenses of-  | 308,277 | 62,005                           | 21,269                             | 19,419                            | 53,408  | 19,102                    | -                       | -                      | 19,102  |
| \$1 to \$4,999   | 22,590  | 5,367                            | 540                                | 941                               | 1,031   | 5,656                     | -                       | -                      | 5,656   |
| \$5,000 to \$24,999  | 6,118   | 2,126                            | 236                                | 347                               | 432   | 451                       | -                       | -                      | 451   |
| \$25,000 to \$49,999   | 1,080   | 315                              | 70                                 | 66                                | 112   | 49                        | -                       | -                      | 49  |
| \$50,000 to \$99,999   | 606     | 122                              | 37                                 | 35                                | 79  | 30                        | -                       | -                      | 30  |
| \$100,000 or more  | 457     | 55                               | 62                                 | 29                                | 98  | 26                        | -                       | -                      | 26  |
| Production expenses paid by landlords <sup>3</sup> farms \$1,000                                 | 2,324   | 772                              | 121                                | 99                                | 131   | 544                       | -                       | -                      | 544   |
| Average per farm   | 18,239  | 9,461                            | 738                                | 849                               | 385   | 1,675                     | -                       | -                      | 1,675   |
| Depreciation expenses claimed (see text) farms \$1,000   | 21,682  | 7,189                            | 791                                | 1,281                             | 1,265   | 3,207                     | -                       | -                      | 3,207   |
| Average per farm   | 386,335 | 121,422                          | 23,633                             | 17,763                            | 35,205  | 29,570                    | -                       | -                      | 29,570  |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>   |         |                                  |                                    |                                   |   |                           |                         |                        |   |
| Net cash farm income of operations (see text) farms \$1,000                                      | 53,296  | 13,326                           | 1,531                              | 2,342                             | 3,317   | 13,972                    | -                       | -                      | 13,972  |
| Average per farm   | 724,021 | 178,385                          | 76,122                             | 27,531                            | 199,232   | 36,315                    | -                       | -                      | 36,315  |
| Average net gain   | 13,585  | 13,386                           | 49,720                             | 11,755                            | 60,064  | 2,599                     | -                       | -                      | 2,599   |
| Farms with net gains <sup>4</sup> number   | 22,737  | 7,280                            | 1,084                              | 1,193                             | 2,017   | 5,492                     | -                       | -                      | 5,492   |
| Average net gain   | 47,047  | 35,223                           | 82,038                             | 41,888                            | 107,325   | 16,057                    | -                       | -                      | 16,057  |
| Gain of-   |         |                                  |                                    |                                   |   |                           |                         |                        |   |
| Less than \$1,000  | 3,224   | 805                              | 55                                 | 157                               | 138   | 1,398                     | -                       | -                      | 1,398   |
| \$1,000 to \$4,999   | 5,479   | 1,452                            | 244                                | 295                               | 326   | 2,040                     | -                       | -                      | 2,040   |
| \$5,000 to \$9,999   | 3,138   | 1,202                            | 180                                | 144                               | 237   | 617                       | -                       | -                      | 617   |
| \$10,000 to \$24,999   | 3,504   | 1,342                            | 194                                | 183                               | 402   | 630                       | -                       | -                      | 630   |
| \$25,000 to \$49,999   | 2,827   | 1,058                            | 104                                | 156                               | 303   | 427                       | -                       | -                      | 427   |
| \$50,000 or more   | 4,565   | 1,421                            | 307                                | 258                               | 611   | 380                       | -                       | -                      | 380   |
| Farms with net losses number   | 30,559  | 6,046                            | 447                                | 1,149                             | 1,300   | 8,480                     | -                       | -                      | 8,480   |
| Average net loss   | 11,312  | 12,907                           | 28,651                             | 19,532                            | 13,263  | 6,117                     | -                       | -                      | 6,117   |
| Loss of-   |         |                                  |                                    |                                   |   |                           |                         |                        |   |
| Less than \$1,000  | 3,903   | 756                              | 76                                 | 61                                | 286   | 1,634                     | -                       | -                      | 1,634   |
| \$1,000 to \$4,999   | 11,691  | 2,018                            | 173                                | 484                               | 520   | 3,818                     | -                       | -                      | 3,818   |
| \$5,000 to \$9,999   | 6,916   | 1,527                            | 26                                 | 212                               | 141   | 1,690                     | -                       | -                      | 1,690   |
| \$10,000 to \$24,999   | 5,386   | 1,080                            | 56                                 | 200                               | 146   | 1,018                     | -                       | -                      | 1,018   |
| \$25,000 to \$49,999   | 1,545   | 352                              | 46                                 | 69                                | 147   | 250                       | -                       | -                      | 250   |
| \$50,000 or more   | 1,118   | 313                              | 70                                 | 123                               | 60  | 70                        | -                       | -                      | 70  |
| Net cash farm income of operators (see text) farms \$1,000                                       | 53,296  | 13,326                           | 1,531                              | 2,342                             | 3,317   | 13,972                    | -                       | -                      | 13,972  |
| Average per farm   | 705,489 | 161,043                          | 74,749                             | 26,194                            | 198,532   | 35,253                    | -                       | -                      | 35,253  |
| Operators reporting net gains <sup>4</sup> farms   | 23,069  | 7,247                            | 1,097                              | 1,206                             | 2,058   | 5,658                     | -                       | -                      | 5,658   |
| Average net gain   | 45,546  | 33,581                           | 80,013                             | 40,311                            | 104,867   | 15,391                    | -                       | -                      | 15,391  |
| Gain of-   |         |                                  |                                    |                                   |   |                           |                         |                        |   |
| Less than \$1,000  | 3,356   | 836                              | 60                                 | 124                               | 132   | 1,490                     | -                       | -                      | 1,490   |
| \$1,000 to \$4,999   | 5,783   | 1,499                            | 252                                | 339                               | 373   | 2,106                     | -                       | -                      | 2,106   |
| \$5,000 to \$9,999   | 3,146   | 1,233                            | 177                                | 144                               | 237   | 618                       | -                       | -                      | 618   |
| \$10,000 to \$24,999   | 3,520   | 1,317                            | 189                                | 189                               | 402   | 657                       | -                       | -                      | 657   |
| \$25,000 to \$49,999   | 2,823   | 1,017                            | 112                                | 175                               | 303   | 409                       | -                       | -                      | 409   |
| \$50,000 or more   | 4,441   | 1,345                            | 307                                | 235                               | 611   | 378                       | -                       | -                      | 378   |
| Operators reporting net losses farms   | 30,227  | 6,079                            | 434                                | 1,136                             | 1,259   | 8,314                     | -                       | -                      | 8,314   |
| Average net loss   | 11,421  | 13,542                           | 30,012                             | 19,737                            | 13,728  | 6,234                     | -                       | -                      | 6,234   |
| Loss of-   |         |                                  |                                    |                                   |   |                           |                         |                        |   |
| Less than \$1,000  | 3,787   | 736                              | 67                                 | 55                                | 276   | 1,553                     | -                       | -                      | 1,553   |
| \$1,000 to \$4,999   | 11,498  | 2,000                            | 168                                | 478                               | 489   | 3,729                     | -                       | -                      | 3,729   |
| \$5,000 to \$9,999   | 6,903   | 1,550                            | 35                                 | 211                               | 141   | 1,688                     | -                       | -                      | 1,688   |
| \$10,000 to \$24,999   | 5,339   | 1,088                            | 47                                 | 201                               | 146   | 1,022                     | -                       | -                      | 1,022   |
| \$25,000 to \$49,999   | 1,564   | 371                              | 47                                 | 68                                | 147   | 251                       | -                       | -                      | 251   |
| \$50,000 or more   | 1,136   | 334                              | 70                                 | 123                               | 60  | 71                        | -                       | -                      | 71  |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>   |         |                                  |                                    |                                   |   |                           |                         |                        |   |
| Total farms \$1,000  | 2,601   | 1,773                            | 57                                 | 9                                 | 5   | 201                       | -                       | -                      | 201   |
|  | 72,023  | 52,307                           | 1,547                              | 152                               | 3   | 4,048                     | -                       | -                      | 4,048   |
| <b>INCOME FROM FARM-RELATED SOURCES</b>  |         |                                  |                                    |                                   |   |                           |                         |                        |   |
| Total income from farm-related sources, gross before taxes and expenses (see text) farms \$1,000 | 15,056  | 4,479                            | 536                                | 760                               | 595   | 3,196                     | -                       | -                      | 3,196   |
| Customwork and other agricultural services farms   | 133,320 | 39,698                           | 7,046                              | 7,220                             | 5,891   | 20,654                    | -                       | -                      | 20,654  |
| Gross cash rent or share payments farms \$1,000  | 5,446   | 1,415                            | 254                                | 269                               | 243   | 1,645                     | -                       | -                      | 1,645   |
| Sales of forest products, excluding Christmas trees and maple products farms \$1,000             | 1,557   | 347                              | 74                                 | 69                                | 137   | 470                       | -                       | -                      | 470   |
| Recreational services (see text) farms \$1,000   | 11,799  | 2,861                            | 549                                | 950                               | 773   | 7,147                     | -                       | -                      | 7,147   |
|  | 615     | 133                              | 16                                 | 12                                | 42  | 155                       | -                       | -                      | 155   |
|  | 3,295   | 151                              | 65                                 | 9                                 | 230   | 328                       | -                       | -                      | 328   |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Beef cattle ranching and farming<br>(112111) | Cattle feedlots<br>(112112) | Dairy cattle and milk production<br>(11212) | Hog and pig farming<br>(1122) | Poultry and egg production<br>(1123) | Sheep and goat farming<br>(1124) | Animal aquaculture and other animal production<br>(1125,1129) |
|--|--|-----------------------------|---|-------------------------------|--------------------------------------|----------------------------------|---|
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>                                       |  |                             |   |                               |                                      |                                  |   |
| Total farm production expenses - Con.  |  |                             |   |                               |                                      |                                  |   |
| All other production expenses (see text) .....   | farms \$1,000                                | 2,672<br>6,505              | 1,436<br>8,850                              | 2,160<br>69,349               | 556<br>10,677                        | 286<br>11,142                    | 659<br>2,015  |
| Farms with expenses of-  |  |                             |   |                               |                                      |                                  |   |
| \$1 to \$4,999 .....   |  | 2,347                       | 1,180                                       | 637                           | 324                                  | 209                              | 596   |
| \$5,000 to \$24,999 .....  |  | 302                         | 211   | 910                           | 160                                  | 42                               | 52  |
| \$25,000 to \$49,999 .....   |  | 11                          | 25  | 302                           | 34                                   | 18                               | 11  |
| \$50,000 to \$99,999 .....   |  | 11                          | 11  | 167                           | 20                                   | 7                                | -   |
| \$100,000 or more .....  |  | 1                           | 9   | 144                           | 18                                   | 10                               | -   |
| Production expenses paid by landlords <sup>3</sup> .....                                 | farms \$1,000                                | 152<br>611                  | 117<br>654                                  | 119<br>2,726                  | 44<br>478                            | 10<br>34                         | 28<br>96  |
| Depreciation expenses claimed (see text) .....   | farms \$1,000                                | 1,569<br>10,888             | 1,046<br>11,781                             | 1,820<br>86,452               | 403<br>16,411                        | 230<br>9,366                     | 334<br>818  |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>                                       |  |                             |   |                               |                                      |                                  |   |
| Net cash farm income of operations (see text) .....                                      | farms \$1,000                                | 4,331<br>-4,964             | 2,320<br>4,692                              | 2,366<br>214,551              | 859<br>11,212                        | 587<br>31,392                    | 984<br>-5,951   |
| Average per farm .....   | dollars                                      | -1,146                      | 2,022                                       | 90,681                        | 13,053                               | 53,479                           | -6,048  |
| Farms with net gains <sup>4</sup> .....  | number                                       | 1,304                       | 724   | 2,022                         | 289                                  | 94                               | 79  |
| Average net gain .....   | dollars                                      | 16,779                      | 33,614                                      | 111,666                       | 86,071                               | 384,008                          | 7,980   |
| Gain of-   |  |                             |   |                               |                                      |                                  |   |
| Less than \$1,000 .....  |  | 218                         | 113   | 47                            | 37                                   | 12                               | 14  |
| \$1,000 to \$4,999 .....   |  | 449                         | 201   | 66                            | 18                                   | 20                               | 45  |
| \$5,000 to \$9,999 .....   |  | 233                         | 162   | 140                           | 21                                   | 8                                | 9   |
| \$10,000 to \$24,999 .....   |  | 182                         | 62  | 288                           | 37                                   | -                                | 9   |
| \$25,000 to \$49,999 .....   |  | 125                         | 94  | 390                           | 57                                   | 3                                | 1   |
| \$50,000 or more .....   |  | 97                          | 92  | 1,091                         | 119                                  | 51                               | 1   |
| Farms with net losses .....  | number                                       | 3,027                       | 1,596                                       | 344                           | 570                                  | 493                              | 905   |
| Average net loss .....   | dollars                                      | 8,868                       | 12,309                                      | 32,671                        | 23,969                               | 9,543                            | 7,273   |
| Loss of-   |  |                             |   |                               |                                      |                                  |   |
| Less than \$1,000 .....  |  | 240                         | 162   | 20                            | 27                                   | 24                               | 113   |
| \$1,000 to \$4,999 .....   |  | 1,250                       | 732   | 46                            | 167                                  | 228                              | 396   |
| \$5,000 to \$9,999 .....   |  | 721                         | 371   | 46                            | 151                                  | 98                               | 239   |
| \$10,000 to \$24,999 .....   |  | 590                         | 180   | 117                           | 163                                  | 106                              | 99  |
| \$25,000 to \$49,999 .....   |  | 191                         | 96  | 56                            | 18                                   | 21                               | 58  |
| \$50,000 or more .....   |  | 35                          | 55  | 59                            | 44                                   | 16                               | -   |
| Net cash farm income of operators (see text) .....                                       | farms \$1,000                                | 4,331<br>-4,563             | 2,320<br>8,961                              | 2,366<br>214,085              | 859<br>12,772                        | 587<br>28,440                    | 984<br>-5,872   |
| Average per farm .....   | dollars                                      | -1,053                      | 3,862                                       | 90,484                        | 14,869                               | 48,450                           | -5,967  |
| Operators reporting net gains <sup>4</sup> .....   | farms  | 1,328                       | 794   | 2,030                         | 279                                  | 92                               | 86  |
| Average net gain .....   | dollars                                      | 16,461                      | 31,884                                      | 111,060                       | 89,050                               | 367,739                          | 7,550   |
| Gain of-   |  |                             |   |                               |                                      |                                  |   |
| Less than \$1,000 .....  |  | 201                         | 152   | 47                            | 27                                   | 12                               | 14  |
| \$1,000 to \$4,999 .....   |  | 505                         | 226   | 66                            | 19                                   | 20                               | 52  |
| \$5,000 to \$9,999 .....   |  | 217                         | 167   | 129                           | 21                                   | 8                                | 9   |
| \$10,000 to \$24,999 .....   |  | 175                         | 62  | 309                           | 36                                   | 1                                | 9   |
| \$25,000 to \$49,999 .....   |  | 131                         | 93  | 413                           | 55                                   | 4                                | 1   |
| \$50,000 or more .....   |  | 99                          | 94  | 1,066                         | 121                                  | 47                               | 1   |
| Operators reporting net losses .....   | farms  | 3,003                       | 1,526                                       | 336                           | 580                                  | 495                              | 898   |
| Average net loss .....   | dollars                                      | 8,799                       | 10,717                                      | 33,830                        | 20,815                               | 10,893                           | 7,262   |
| Loss of-   |  |                             |   |                               |                                      |                                  |   |
| Less than \$1,000 .....  |  | 225                         | 158   | 19                            | 42                                   | 31                               | 114   |
| \$1,000 to \$4,999 .....   |  | 1,248                       | 709   | 46                            | 173                                  | 221                              | 395   |
| \$5,000 to \$9,999 .....   |  | 725                         | 363   | 46                            | 133                                  | 96                               | 232   |
| \$10,000 to \$24,999 .....   |  | 580                         | 148   | 109                           | 174                                  | 107                              | 99  |
| \$25,000 to \$49,999 .....   |  | 191                         | 99  | 54                            | 16                                   | 22                               | 58  |
| \$50,000 or more .....   |  | 34                          | 49  | 62                            | 42                                   | 18                               | -   |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>                                     |  |                             |   |                               |                                      |                                  |   |
| Total .....  | farms \$1,000                                | 58<br>527                   | 91<br>1,651                                 | 298<br>6,060                  | 58<br>4,496                          | 7<br>913                         | 17<br>8   |
| <b>INCOME FROM FARM-RELATED SOURCES</b>  |  |                             |   |                               |                                      |                                  |   |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... | farms \$1,000                                | 960<br>4,052                | 704<br>4,629                                | 1,355<br>11,305               | 227<br>2,433                         | 155<br>3,934                     | 223<br>1,389  |
| Customwork and other agricultural services .....   | farms \$1,000                                | 146<br>519                  | 147<br>1,149                                | 252<br>2,745                  | 55<br>554                            | 20<br>(D)                        | 22<br>(D)   |
| Gross cash rent or share payments .....  | farms \$1,000                                | 452<br>1,677                | 268<br>1,391                                | 117<br>936                    | 97<br>819                            | 69<br>310                        | 127<br>735  |
| Sales of forest products, excluding Christmas trees and maple products .....             | farms \$1,000                                | 117<br>828                  | 76<br>514                                   | 92<br>968                     | 28<br>309                            | 20<br>164                        | 21<br>91  |
| Recreational services (see text) .....   | farms \$1,000                                | 53<br>179                   | 31<br>103                                   | 51<br>141                     | 11<br>28                             | 21<br>365                        | 12<br>7   |

See footnote(s) at end of table.

-continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total      | Oilseed and grain farming (1111) | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                         |                        |   |
|---|------------|----------------------------------|------------------------------------|-----------------------------------|---|---------------------------|-------------------------|------------------------|---|
|   |            |                                  |                                    |                                   |   | Total                     | Tobacco farming (11191) | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>  |            |                                  |                                    |                                   |   |                           |                         |                        |   |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                       |            |                                  |                                    |                                   |   |                           |                         |                        |   |
| Patronage dividends and refunds from cooperatives (see text) farms \$1,000                                      | 3,247      | 1,133                            | 129                                | 235                               | 88  | 312                       | -                       | -                      | 312   |
| 8,745   | 1,958      | 475                              | 1,124                              | 322                               | 561   | -                         | -                       | -                      | 561   |
| Other farm-related income sources (see text) farms \$1,000  | 5,177      | 1,443                            | 169                                | 279                               | 103   | 783                       | -                       | -                      | 783   |
| 51,067  | 10,353     | 2,097                            | 2,510                              | 1,250                             | 6,071   | -                         | -                       | -                      | 6,071   |
| <b>LAND USE</b>   |            |                                  |                                    |                                   |   |                           |                         |                        |   |
| Total cropland farms  | 47,904     | 13,462                           | 1,610                              | 2,376                             | 3,170   | 13,664                    | -                       | -                      | 13,664  |
| 7,983,574   | 4,142,374  | 329,892                          | 184,031                            | 150,165                           | 1,207,464   | -                         | -                       | -                      | 1,207,464   |
| Harvested cropland farms  | 38,244     | 12,294                           | 1,610                              | 2,376                             | 3,169   | 9,460                     | -                       | -                      | 9,460   |
| 6,827,903   | 3,898,303  | 287,013                          | 143,115                            | 115,232                           | 797,679   | -                         | -                       | -                      | 797,679   |
| Farms by acres harvested:   |            |                                  |                                    |                                   |   |                           |                         |                        |   |
| 1 to 49 acres   | 20,486     | 3,599                            | 1,043                              | 1,729                             | 2,736   | 6,649                     | -                       | -                      | 6,649   |
| 50 to 99 acres  | 5,571      | 2,101                            | 150                                | 292                               | 217   | 1,383                     | -                       | -                      | 1,383   |
| 100 to 199 acres  | 4,350      | 2,136                            | 117                                | 187                               | 116   | 733                       | -                       | -                      | 733   |
| 200 to 499 acres  | 4,188      | 2,238                            | 150                                | 130                               | 71  | 402                       | -                       | -                      | 402   |
| 500 to 999 acres  | 2,181      | 1,222                            | 82                                 | 26                                | 14  | 179                       | -                       | -                      | 179   |
| 1,000 to 1,999 acres  | 1,094      | 745                              | 42                                 | 11                                | 13  | 74                        | -                       | -                      | 74  |
| 2,000 acres or more   | 374        | 253                              | 26                                 | 1                                 | 2   | 40                        | -                       | -                      | 40  |
| Cropland-   |            |                                  |                                    |                                   |   |                           |                         |                        |   |
| For pasture or grazing only farms   | 16,190     | 2,068                            | 231                                | 281                               | 289   | 4,049                     | -                       | -                      | 4,049   |
| 409,296   | 42,626     | 6,453                            | 4,560                              | 4,016                             | 82,432  | -                         | -                       | -                      | 82,432  |
| On which all crops failed farms   | 3,113      | 809                              | 217                                | 217                               | 166   | 992                       | -                       | -                      | 992   |
| 69,071  | 18,813     | 2,880                            | 5,151                              | 2,766                             | 24,421  | -                         | -                       | -                      | 24,421  |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) farms | 15,120     | 3,821                            | 570                                | 889                               | 894   | 6,110                     | -                       | -                      | 6,110   |
| 607,936   | 154,627    | 27,133                           | 28,854                             | 24,906                            | 290,321   | -                         | -                       | -                      | 290,321   |
| In cultivated summer fallow farms   | 2,567      | 844                              | 161                                | 141                               | 123   | 645                       | -                       | -                      | 645   |
| 69,368  | 28,005     | 6,413                            | 2,351                              | 3,245                             | 12,611  | -                         | -                       | -                      | 12,611  |
| Total woodland farms  | 27,818     | 6,882                            | 788                                | 1,333                             | 1,447   | 7,763                     | -                       | -                      | 7,763   |
| 1,224,237   | 300,690    | 46,458                           | 55,917                             | 61,725                            | 338,258   | -                         | -                       | -                      | 338,258   |
| Woodland pastured farms   | 5,316      | 842                              | 88                                 | 126                               | 191   | 1,134                     | -                       | -                      | 1,134   |
| 162,169   | 28,336     | 2,879                            | 3,412                              | 5,725                             | 31,207  | -                         | -                       | -                      | 31,207  |
| Woodland not pastured farms   | 24,853     | 6,411                            | 736                                | 1,255                             | 1,329   | 7,125                     | -                       | -                      | 7,125   |
| 1,062,068   | 272,354    | 43,579                           | 52,505                             | 56,000                            | 307,051   | -                         | -                       | -                      | 307,051   |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) farms                           | 11,447     | 1,261                            | 132                                | 183                               | 235   | 2,280                     | -                       | -                      | 2,280   |
| 254,062   | 26,819     | 2,122                            | 3,777                              | 3,769                             | 44,828  | -                         | -                       | -                      | 44,828  |
| Land in house lots, ponds, roads, wasteland, etc. farms   | 35,435     | 8,396                            | 1,066                              | 1,668                             | 1,929   | 8,905                     | -                       | -                      | 8,905   |
| 681,085   | 193,211    | 26,768                           | 39,613                             | 34,498                            | 174,725   | -                         | -                       | -                      | 174,725   |
| Irrigated land farms  | 4,413      | 804                              | 687                                | 729                               | 1,383   | 291                       | -                       | -                      | 291   |
| 456,278   | 209,217    | 120,923                          | 23,779                             | 24,121                            | 26,067  | -                         | -                       | -                      | 26,067  |
| Harvested cropland farms  | 4,244      | 787                              | 686                                | 726                               | 1,363   | 265                       | -                       | -                      | 265   |
| 453,968   | 208,872    | 120,785                          | 23,693                             | 23,808                            | 25,686  | -                         | -                       | -                      | 25,686  |
| Pastureland and other land farms  | 235        | 7                                | 14                                 | 38                                | 36  | 36                        | -                       | -                      | 36  |
| 2,310   | 345        | 138                              | 86                                 | 313                               | 381   | -                         | -                       | -                      | 381   |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>  |            |                                  |                                    |                                   |   |                           |                         |                        |   |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs farms  | 6,593      | 1,395                            | 80                                 | 83                                | 93  | 4,298                     | -                       | -                      | 4,298   |
| 296,666   | 54,514     | 2,819                            | 3,955                              | 2,617                             | 204,756   | -                         | -                       | -                      | 204,756   |
| Land used to raise certified organically produced crops (see text) farms  | 281        | 128                              | 23                                 | 26                                | 18  | 52                        | -                       | -                      | 52  |
| 25,386  | 17,788     | 650                              | 702                                | 381                               | 2,013   | -                         | -                       | -                      | 2,013   |
| Land enrolled in Federal or other crop insurance programs (see text) farms                                      | 7,921      | 4,268                            | 317                                | 588                               | 184   | 826                       | -                       | -                      | 826   |
| 3,401,787   | 2,274,352  | 148,276                          | 55,635                             | 12,013                            | 284,590   | -                         | -                       | -                      | 284,590   |
| <b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>   |            |                                  |                                    |                                   |   |                           |                         |                        |   |
| Estimated market value of land and buildings farms  | 53,296     | 13,326                           | 1,531                              | 2,342                             | 3,317   | 13,972                    | -                       | -                      | 13,972  |
| \$1,000 dollars   | 27,143,604 | 11,103,530                       | 1,045,905                          | 1,156,639                         | 1,225,557   | 4,495,276                 | -                       | -                      | 4,495,276   |
| Average per farm dollars  | 509,299    | 833,223                          | 683,152                            | 493,868                           | 369,478   | 321,735                   | -                       | -                      | 321,735   |
| Average per acre dollars  | 2,667      | 2,344                            | 2,655                              | 3,916                             | 4,895   | 2,671                     | -                       | -                      | 2,671   |
| Farms by value group:   |            |                                  |                                    |                                   |   |                           |                         |                        |   |
| \$1 to \$49,999   | 3,811      | 426                              | 127                                | 235                               | 511   | 1,019                     | -                       | -                      | 1,019   |
| \$50,000 to \$99,999  | 5,335      | 780                              | 132                                | 204                               | 347   | 1,832                     | -                       | -                      | 1,832   |
| \$100,000 to \$199,999  | 13,564     | 2,505                            | 338                                | 474                               | 829   | 4,390                     | -                       | -                      | 4,390   |
| \$200,000 to \$499,999  | 17,482     | 4,244                            | 450                                | 858                               | 1,006   | 4,712                     | -                       | -                      | 4,712   |
| \$500,000 to \$999,999  | 6,913      | 2,457                            | 240                                | 270                               | 380   | 1,349                     | -                       | -                      | 1,349   |
| \$1,000,000 to \$1,999,999  | 3,640      | 1,506                            | 140                                | 166                               | 176   | 463                       | -                       | -                      | 463   |
| \$2,000,000 to \$4,999,999  | 2,074      | 1,140                            | 81                                 | 120                               | 56  | 172                       | -                       | -                      | 172   |
| \$5,000,000 to \$9,999,999  | 396        | 223                              | 16                                 | 14                                | 7   | 29                        | -                       | -                      | 29  |
| \$10,000,000 or more  | 81         | 45                               | 7                                  | 1                                 | 5   | 6                         | -                       | -                      | 6   |

See footnote(s) at end of table.

-continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Beef cattle ranching and farming<br>(112111) | Cattle feedlots<br>(112112) | Dairy cattle and milk production<br>(11212) | Hog and pig farming<br>(1122) | Poultry and egg production<br>(1123) | Sheep and goat farming<br>(1124) | Animal aquaculture and other animal production<br>(1125,1129) |
|---|--|-----------------------------|---|-------------------------------|--------------------------------------|----------------------------------|---|
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>  |  |                             |   |                               |                                      |                                  |   |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                                 |  |                             |   |                               |                                      |                                  |   |
| Patronage dividends and refunds from cooperatives (see text) . . . . . farms \$1,000                                      | 105<br>99                                    | 147<br>145                  | 945<br>3,776                                | 47<br>127                     | 30<br>81                             | 23<br>3                          | 53<br>73  |
| Other farm-related income sources (see text) . . . . . farms \$1,000  | 280<br>750                                   | 228<br>1,328                | 513<br>2,739                                | 65<br>596                     | 44<br>(D)                            | 66<br>(D)                        | 1,204<br>20,014   |
| <b>LAND USE</b>   |  |                             |   |                               |                                      |                                  |   |
| Total cropland . . . . . farms  | 3,387  | 1,960                       | 2,415                                       | 630                           | 428                                  | 646                              | 4,156   |
|   | acres 317,831                                | 301,155                     | 990,868                                     | 153,907                       | 33,716                               | 25,707                           | 146,464   |
| Harvested cropland . . . . . farms  | 2,613  | 1,700                       | 2,356                                       | 459                           | 194                                  | 369                              | 1,644   |
|   | acres 194,839                                | 246,528                     | 907,652                                     | 139,353                       | 23,310                               | 11,276                           | 63,603  |
| Farms by acres harvested:   |  |                             |   |                               |                                      |                                  |   |
| 1 to 49 acres . . . . .   | 1,540  | 864                         | 246   | 198                           | 154                                  | 315                              | 1,413   |
| 50 to 99 acres . . . . .  | 551  | 355                         | 294   | 62                            | 4                                    | 38                               | 124   |
| 100 to 199 acres . . . . .  | 321  | 235                         | 383   | 42                            | 9                                    | 12                               | 59  |
| 200 to 499 acres . . . . .  | 148  | 134                         | 810   | 60                            | 11                                   | 3                                | 31  |
| 500 to 999 acres . . . . .  | 44   | 68                          | 462   | 64                            | 11                                   | -                                | 9   |
| 1,000 to 1,999 acres . . . . .  | 9  | 29                          | 137   | 22                            | 4                                    | 1                                | 7   |
| 2,000 acres or more . . . . .   | -  | 15                          | 24  | 11                            | 1                                    | -                                | 1   |
| Cropland-   |  |                             |   |                               |                                      |                                  |   |
| For pasture or grazing only . . . . . farms   | 2,475  | 1,245                       | 1,307                                       | 291                           | 210                                  | 498                              | 3,246   |
|   | acres 95,065                                 | 38,978                      | 53,774                                      | 8,255                         | 2,417                                | 9,554                            | 61,166  |
| On which all crops failed . . . . . farms   | 190  | 141                         | 141   | 34                            | 39                                   | 40                               | 127   |
|   | acres 4,675                                  | 2,451                       | 4,140                                       | 627                           | 704                                  | 502                              | 1,941   |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms | 648  | 399                         | 377   | 172                           | 201                                  | 166                              | 873   |
|   | acres 19,152                                 | 10,676                      | 17,180                                      | 4,560                         | 7,163                                | 4,135                            | 19,229  |
| In cultivated summer fallow . . . . . farms   | 191  | 115                         | 216   | 35                            | 18                                   | 24                               | 54  |
|   | acres 4,100                                  | 2,522                       | 8,122                                       | 1,112                         | 122                                  | 240                              | 525   |
| Total woodland . . . . . farms  | 2,369  | 1,324                       | 1,569                                       | 414                           | 304                                  | 488                              | 3,137   |
|   | acres 117,839                                | 57,184                      | 102,327                                     | 18,374                        | 9,461                                | 11,921                           | 104,083   |
| Woodland pastured . . . . . farms   | 925  | 419                         | 359   | 98                            | 59                                   | 129                              | 946   |
|   | acres 31,639                                 | 11,565                      | 15,160                                      | 1,985                         | 798                                  | 2,471                            | 26,992  |
| Woodland not pastured . . . . . farms   | 1,901  | 1,120                       | 1,415                                       | 364                           | 267                                  | 420                              | 2,510   |
|   | acres 86,200                                 | 45,619                      | 87,167                                      | 16,389                        | 8,663                                | 9,450                            | 77,091  |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms                           | 1,632  | 766                         | 667   | 196                           | 190                                  | 443                              | 3,462   |
|   | acres 51,991                                 | 23,496                      | 22,444                                      | 4,576                         | 2,121                                | 6,160                            | 61,959  |
| Land in house lots, ponds, roads, wasteland, etc. . . . . farms   | 2,945  | 1,672                       | 1,942                                       | 668                           | 473                                  | 706                              | 5,065   |
|   | acres 41,591                                 | 26,550                      | 60,689                                      | 13,123                        | 5,768                                | 6,476                            | 58,073  |
| Irrigated land . . . . . farms  | 55   | 71                          | 166   | 56                            | 27                                   | 11                               | 133   |
|   | acres (D)                                    | 7,621                       | 23,409                                      | 13,619                        | 3,057                                | (D)                              | 2,552   |
| Harvested cropland . . . . . farms  | 54   | 67                          | 163   | 50                            | 22                                   | 3                                | 58  |
|   | acres (D)                                    | 7,593                       | 23,297                                      | 13,493                        | 3,042                                | (D)                              | 1,837   |
| Pastureland and other land . . . . . farms  | 1  | 4                           | 4   | 6                             | 6                                    | 9                                | 85  |
|   | acres (D)                                    | 28                          | 112   | 126                           | 15                                   | (D)                              | 715   |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>  |  |                             |   |                               |                                      |                                  |   |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms  | 139  | 126                         | 133   | 60                            | 35                                   | 29                               | 122   |
|   | acres 7,486                                  | 5,065                       | 6,395                                       | 2,618                         | 1,274                                | 1,008                            | 4,159   |
| Land used to raise certified organically produced crops (see text) . . . . . farms  | 6  | 6                           | 7   | 3                             | 4                                    | 1                                | 7   |
|   | acres 369                                    | 1,013                       | 1,137                                       | 638                           | (D)                                  | (D)                              | 650   |
| Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms                                      | 218  | 265                         | 1,009                                       | 142                           | 20                                   | 8                                | 76  |
|   | acres 37,913                                 | 100,880                     | 372,094                                     | 87,088                        | 12,762                               | 118                              | 16,066  |
| <b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>  |  |                             |   |                               |                                      |                                  |   |
| Estimated market value of land and buildings . . . . . farms  | 4,331  | 2,320                       | 2,366                                       | 859                           | 587                                  | 984                              | 7,361   |
|   | \$1,000 1,455,270                            | 957,471                     | 2,736,221                                   | 534,695                       | 244,533                              | 226,145                          | 1,962,360   |
| Average per farm . . . . . dollars 336,013  | 369  | 264                         | 43  | 69                            | 135                                  | 229,823                          | 266,589   |
| Average per acre . . . . . dollars 2,471  | 1,277  | 684                         | 194   | 189                           | 115                                  | 3,873                            | 5,303   |
| Farms by value group:   |  |                             |   |                               |                                      |                                  |   |
| \$1 to \$49,999 . . . . .   | 389  | 98                          | 16  | 131                           | 47                                   | 87                               | 725   |
| \$50,000 to \$99,999 . . . . .  | 369  | 264                         | 43  | 69                            | 135                                  | 205                              | 955   |
| \$100,000 to \$199,999 . . . . .  | 1,277  | 841                         | 538   | 246                           | 168                                  | 303                              | 2,282   |
| \$200,000 to \$499,999 . . . . .  | 1,497  | 262                         | 674   | 95                            | 76                                   | 71                               | 476   |
| \$500,000 to \$999,999 . . . . .  | 563  | 104                         | 563   | 63                            | 26                                   | 30                               | 246   |
| \$1,000,000 to \$1,999,999 . . . . .  | 157  | 51                          | 268   | 48                            | 12                                   | 1                                | 49  |
| \$2,000,000 to \$4,999,999 . . . . .  | 76   | 14                          | 62  | 15                            | 6                                    | -                                | 7   |
| \$5,000,000 to \$9,999,999 . . . . .  | 3  | 2                           | 8   | 3                             | 2                                    | -                                | 2   |
| \$10,000,000 or more . . . . .  | -  |                             |   |                               |                                      |                                  |   |

See footnote(s) at end of table.

--continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                     | Oilseed and grain farming (1111) | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                         |                        |   |
|--|---------------------------|----------------------------------|------------------------------------|-----------------------------------|---|---------------------------|-------------------------|------------------------|---|
|  |                           |                                  |                                    |                                   |   | Total                     | Tobacco farming (11191) | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>        |                           |                                  |                                    |                                   |   |                           |                         |                        |   |
| Estimated market value of all machinery and equipment      | farms \$1,000             | 50,891<br>3,761,334              | 13,064<br>1,500,129                | 1,531<br>227,016                  | 2,303<br>185,264  | 3,256<br>204,106          | 13,176<br>504,180       | -                      | 13,176<br>504,180   |
| Farms by value group:                                      |                           |                                  |                                    |                                   |   |                           |                         |                        |   |
| \$1 to \$4,999   |                           | 7,859                            | 876                                | 103                               | 299   | 440                       | 3,131                   | -                      | 3,131   |
| \$5,000 to \$9,999   |                           | 6,747                            | 1,119                              | 191                               | 204   | 481                       | 2,078                   | -                      | 2,078   |
| \$10,000 to \$19,999                                       |                           | 7,922                            | 1,187                              | 150                               | 329   | 698                       | 2,562                   | -                      | 2,562   |
| \$20,000 to \$49,999                                       |                           | 12,075                           | 3,066                              | 405                               | 539   | 721                       | 3,228                   | -                      | 3,228   |
| \$50,000 to \$99,999                                       |                           | 6,659                            | 2,631                              | 246                               | 405   | 323                       | 1,118                   | -                      | 1,118   |
| \$100,000 to \$199,999                                     |                           | 4,515                            | 1,893                              | 156                               | 252   | 347                       | 573                     | -                      | 573   |
| \$200,000 to \$499,999                                     |                           | 3,831                            | 1,722                              | 178                               | 217   | 204                       | 363                     | -                      | 363   |
| \$500,000 or more  |                           | 1,283                            | 570                                | 102                               | 58  | 42                        | 123                     | -                      | 123   |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>        |                           |                                  |                                    |                                   |   |                           |                         |                        |   |
| Tractors   | farms number              | 47,627<br>137,474                | 12,621<br>44,516                   | 1,440<br>6,475                    | 2,197<br>7,397  | 2,951<br>6,911            | 12,449<br>29,753        | -                      | 12,449<br>29,753  |
| Less than 40 horsepower (PTO)                              | farms number              | 27,941<br>45,749                 | 6,040<br>10,004                    | 1,035<br>2,565                    | 1,485<br>2,661  | 2,356<br>3,762            | 7,607<br>12,066         | -                      | 7,607<br>12,066   |
| 40 to 99 horsepower (PTO)                                  | farms number              | 32,722<br>61,456                 | 9,829<br>18,540                    | 1,002<br>2,761                    | 1,603<br>4,477  | 1,432<br>2,754            | 8,315<br>13,804         | -                      | 8,315<br>13,804   |
| 100 horsepower (PTO) or more                               | farms number              | 15,011<br>30,269                 | 7,525<br>15,972                    | 431<br>1,149                      | 191<br>259  | 261<br>395                | 2,427<br>3,883          | -                      | 2,427<br>3,883  |
| Grain and bean combines (see text)                         | farms number              | 12,487<br>14,308                 | 7,819<br>9,185                     | 222<br>261                        | 93<br>96  | 80<br>90                  | 1,636<br>1,838          | -                      | 1,636<br>1,838  |
| Cotton pickers and strippers                               | farms number              | -<br>-                           | -<br>-                             | -<br>-                            | -<br>-  | -<br>-                    | -                       | -                      | -   |
| Forage harvesters, self-propelled (see text)               | farms number              | 1,933<br>2,240                   | 507<br>583                         | 27<br>32                          | 73<br>89  | 39<br>45                  | 403<br>495              | -                      | 403<br>495  |
| Hay balers   | farms number              | 18,508<br>23,012                 | 3,780<br>4,488                     | 290<br>365                        | 212<br>237  | 193<br>208                | 6,392<br>7,744          | -                      | 6,392<br>7,744  |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>               |                           |                                  |                                    |                                   |   |                           |                         |                        |   |
| Commercial fertilizer, lime, and soil conditioners         | farms acres treated       | 25,388<br>5,476,283              | 10,199<br>3,465,636                | 1,350<br>260,392                  | 1,976<br>132,193  | 1,901<br>61,374           | 3,597<br>470,399        | -                      | 3,597<br>470,399  |
| Manure   | farms acres treated       | 11,955<br>700,621                | 2,486<br>150,082                   | 316<br>11,055                     | 252<br>5,721  | 226<br>2,439              | 2,137<br>65,901         | -                      | 2,137<br>65,901   |
| Acres treated with chemicals to control:                   |                           |                                  |                                    |                                   |   |                           |                         |                        |   |
| Insects  | farms acres               | 8,314<br>990,827                 | 2,376<br>435,384                   | 1,038<br>136,534                  | 1,791<br>126,336  | 1,211<br>34,125           | 658<br>74,513           | -                      | 658<br>74,513   |
| Weeds, grass, or brush                                     | farms acres               | 18,709<br>4,387,194              | 8,875<br>2,988,835                 | 970<br>188,815                    | 1,443<br>105,119  | 1,135<br>46,597           | 2,055<br>315,285        | -                      | 2,055<br>315,285  |
| Nematodes  | farms acres               | 971<br>86,159                    | 287<br>32,865                      | 148<br>22,447                     | 202<br>5,965  | 164<br>4,619              | 60<br>4,278             | -                      | 60<br>4,278   |
| Diseases in crops and orchards                             | farms acres               | 3,315<br>346,183                 | 472<br>75,484                      | 588<br>87,873                     | 1,362<br>107,737  | 464<br>18,999             | 272<br>38,946           | -                      | 272<br>38,946   |
| Chemicals used to control growth, thin fruit, or defoliate | farms acres on which used | 1,062<br>86,216                  | 104<br>5,960                       | 105<br>27,484                     | 496<br>41,817   | 157<br>1,442              | 105<br>6,217            | -                      | 105<br>6,217  |
| <b>TENURE</b>  |                           |                                  |                                    |                                   |   |                           |                         |                        |   |
| Full owners  | farms                     | 37,089                           | 6,743                              | 966                               | 1,954   | 2,747                     | 11,653                  | -                      | 11,653  |
| Part owners  | farms                     | 14,199                           | 5,788                              | 543                               | 363   | 275                       | 2,361                   | -                      | 2,361   |
| Tenants  | farms                     | 2,027                            | 934                                | 101                               | 59  | 148                       | 245                     | -                      | 245   |
| <b>OWNED AND RENTED LAND</b>                               |                           |                                  |                                    |                                   |   |                           |                         |                        |   |
| Land owned   | farms acres               | 51,404<br>6,811,257              | 12,590<br>2,467,045                | 1,516<br>265,722                  | 2,320<br>280,080  | 3,025<br>234,080          | 14,036<br>1,513,282     | -                      | 14,036<br>1,513,282   |
| Owned land in farms  | farms acres               | 51,288<br>6,272,344              | 12,531<br>2,311,880                | 1,509<br>240,491                  | 2,317<br>238,901  | 3,022<br>215,079          | 14,014<br>1,345,736     | -                      | 14,014<br>1,345,736   |
| Land rented or leased from others                          | farms acres               | 16,374<br>3,908,154              | 6,772<br>2,369,689                 | 654<br>170,606                    | 430<br>44,789   | 429<br>37,585             | 2,645<br>424,150        | -                      | 2,645<br>424,150  |
| Rented or leased land in farms                             | farms acres               | 16,226<br>3,870,614              | 6,722<br>2,351,214                 | 644<br>164,749                    | 422<br>44,437   | 423<br>35,078             | 2,606<br>419,539        | -                      | 2,606<br>419,539  |
| Land rented or leased to others                            | farms acres               | 8,026<br>576,453                 | 2,106<br>173,640                   | 324<br>31,088                     | 379<br>21,531   | 406<br>21,508             | 2,498<br>172,157        | -                      | 2,498<br>172,157  |
| <b>NUMBER OF OPERATORS</b>                                 |                           |                                  |                                    |                                   |   |                           |                         |                        |   |
| Total operators  | number                    | 79,883                           | 18,513                             | 2,607                             | 3,764   | 5,160                     | 20,126                  | -                      | 20,126  |
| Farms by number of operators:                              |                           |                                  |                                    |                                   |   |                           |                         |                        |   |
| 1 operator   |                           | 31,833                           | 9,313                              | 855                               | 1,278   | 1,736                     | 9,324                   | -                      | 9,324   |
| 2 operators  |                           | 18,086                           | 3,512                              | 591                               | 909   | 1,125                     | 4,345                   | -                      | 4,345   |
| 3 operators  |                           | 2,376                            | 477                                | 117                               | 129   | 201                       | 404                     | -                      | 404   |
| 4 operators  |                           | 693                              | 113                                | 28                                | 36  | 61                        | 126                     | -                      | 126   |
| 5 or more operators  |                           | 327                              | 50                                 | 19                                | 24  | 47                        | 60                      | -                      | 60  |
| Total women operators                                      | number                    | 22,560                           | 3,267                              | 660                               | 1,065   | 1,516                     | 5,617                   | -                      | 5,617   |
| Farms by number of women operators:                        |                           |                                  |                                    |                                   |   |                           |                         |                        |   |
| 1 operator   |                           | 19,397                           | 2,954                              | 580                               | 943   | 1,239                     | 4,921                   | -                      | 4,921   |
| 2 operators  |                           | 1,238                            | 136                                | 29                                | 46  | 95                        | 278                     | -                      | 278   |
| 3 operators  |                           | 152                              | 11                                 | 6                                 | 10  | 14                        | 15                      | -                      | 15  |
| 4 operators  |                           | 28                               | 2                                  | 1                                 | -   | -                         | 10                      | -                      | 10  |
| 5 or more operators  |                           | 16                               | -                                  | -                                 | -   | 5                         | 8                       | -                      | 8   |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Beef cattle ranching and farming<br>(112111) | Cattle feedlots<br>(112112) | Dairy cattle and milk production<br>(11212) | Hog and pig farming<br>(1122) | Poultry and egg production<br>(1123) | Sheep and goat farming<br>(1124) | Animal aquaculture and other animal production<br>(1125,1129) |
|--|--|-----------------------------|---|-------------------------------|--------------------------------------|----------------------------------|---|
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>        |  |                             |   |                               |                                      |                                  |   |
| Estimated market value of all machinery and equipment      | farms \$1,000                                | 4,173<br>186,324            | 2,320<br>137,505                            | 2,366<br>495,573              | 826<br>77,859                        | 561<br>45,170                    | 984<br>18,576   |
| Farms by value group:                                      |  |                             |   |                               |                                      |                                  |   |
| \$1 to \$4,999   | 558  | 262                         | 67  | 134                           | 196                                  | 380                              | 1,413   |
| \$5,000 to \$9,999   | 547  | 282                         | 97  | 117                           | 39                                   | 139                              | 1,453   |
| \$10,000 to \$19,999                                       | 846  | 441                         | 140   | 92                            | 79                                   | 174                              | 1,224   |
| \$20,000 to \$49,999                                       | 1,198  | 677                         | 233   | 221                           | 135                                  | 210                              | 1,442   |
| \$50,000 to \$99,999                                       | 606  | 383                         | 389   | 74                            | 40                                   | 22                               | 422   |
| \$100,000 to \$199,999                                     | 256  | 133                         | 516   | 67                            | 24                                   | 59                               | 239   |
| \$200,000 to \$499,999                                     | 132  | 100                         | 672   | 94                            | 39                                   | -                                | 110   |
| \$500,000 or more  | 30   | 42                          | 252   | 27                            | 9                                    | -                                | 28  |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>        |  |                             |   |                               |                                      |                                  |   |
| Tractors   | farms number                                 | 4,024<br>10,490             | 2,175<br>6,210                              | 2,218<br>11,980               | 728<br>1,882                         | 507<br>1,333                     | 866<br>1,638  |
| Less than 40 horsepower (PTO)                              | farms number                                 | 2,328<br>3,921              | 1,244<br>1,859                              | 902<br>1,979                  | 299<br>423                           | 248<br>607                       | 643<br>881  |
| 40 to 99 horsepower (PTO)                                  | farms number                                 | 2,966<br>5,312              | 1,639<br>3,128                              | 2,006<br>5,246                | 473<br>840                           | 355<br>551                       | 466<br>678  |
| 100 horsepower (PTO) or more                               | farms number                                 | 842<br>1,257                | 721<br>1,223                                | 1,731<br>4,755                | 302<br>619                           | 111<br>175                       | 67<br>79  |
| Grain and bean combines (see text)                         | farms number                                 | 580<br>613                  | 481<br>512                                  | 1,014<br>1,086                | 258<br>296                           | 116<br>128                       | 39<br>43  |
| Cotton pickers and strippers                               | farms number                                 | -<br>-                      | -<br>-                                      | -<br>-                        | -<br>-                               | -<br>-                           | -<br>-  |
| Forage harvesters, self-propelled (see text)               | farms number                                 | 183<br>205                  | 134<br>148                                  | 469<br>533                    | 20<br>20                             | 19<br>25                         | 11<br>11  |
| Hay balers   | farms number                                 | 2,463<br>3,292              | 1,334<br>1,710                              | 1,789<br>2,505                | 214<br>241                           | 197<br>229                       | 327<br>399  |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>               |  |                             |   |                               |                                      |                                  |   |
| Commercial fertilizer, lime, and soil conditioners         | farms acres treated                          | 1,496<br>89,230             | 1,106<br>163,496                            | 1,970<br>639,828              | 318<br>114,368                       | 176<br>25,002                    | 218<br>5,925  |
| Manure   | farms acres treated                          | 1,597<br>40,118             | 1,110<br>51,421                             | 2,024<br>308,810              | 239<br>35,528                        | 166<br>8,544                     | 253<br>3,570  |
| Acres treated with chemicals to control:                   |  |                             |   |                               |                                      |                                  |   |
| Insects  | farms acres                                  | 180<br>8,041                | 199<br>26,031                               | 542<br>116,003                | 64<br>22,853                         | 15<br>5,974                      | 60<br>658   |
| Weeds, grass, or brush                                     | farms acres                                  | 849<br>41,713               | 832<br>126,688                              | 1,501<br>425,242              | 245<br>92,592                        | 99<br>22,951                     | 49<br>2,111   |
| Nematodes  | farms acres                                  | 2<br>-                      | 12<br>(D)                                   | 60<br>850                     | 13<br>11,020                         | 1<br>3,358                       | -<br>(D)  |
| Diseases in crops and orchards                             | farms acres                                  | 12<br>(D)                   | 27<br>6,690                                 | 67<br>7,416                   | 7<br>2,010                           | 12<br>(D)                        | -<br>402  |
| Chemicals used to control growth, thin fruit, or defoliate | farms acres on which used                    | -<br>-                      | 39<br>610                                   | 41<br>1,772                   | 2<br>(D)                             | -<br>-                           | 11<br>165   |
| <b>TENURE</b>  |  |                             |   |                               |                                      |                                  |   |
| Full owners  | farms  | 2,863                       | 1,304                                       | 691                           | 536                                  | 524                              | 759   |
| Part owners  | farms  | 1,135                       | 858   | 1,698                         | 265                                  | 67                               | 154   |
| Tenants  | farms  | 117                         | 70  | 100                           | 37                                   | 13                               | 29  |
| <b>OWNED AND RENTED LAND</b>                               |  |                             |   |                               |                                      |                                  |   |
| Land owned   | farms acres                                  | 4,003<br>451,722            | 2,166<br>302,281                            | 2,390<br>731,503              | 802<br>125,907                       | 592<br>41,258                    | 914<br>56,445   |
| Owned land in farms  | farms acres                                  | 3,998<br>407,950            | 2,162<br>274,410                            | 2,389<br>718,114              | 801<br>115,548                       | 591<br>34,960                    | 913<br>43,526   |
| Land rented or leased from others                          | farms acres                                  | 1,267<br>121,955            | 930<br>134,883                              | 1,801<br>460,724              | 304<br>74,519                        | 82<br>16,398                     | 187<br>6,885  |
| Rented or leased land in farms                             | farms acres                                  | 1,252<br>121,302            | 928<br>133,975                              | 1,798<br>458,214              | 302<br>74,432                        | 80<br>16,106                     | 183<br>6,738  |
| Land rented or leased to others                            | farms acres                                  | 643<br>44,425               | 350<br>28,779                               | 160<br>15,899                 | 124<br>10,446                        | 104<br>6,590                     | 178<br>13,066   |
| <b>NUMBER OF OPERATORS</b>                                 |  |                             |   |                               |                                      |                                  |   |
| Total operators  | number                                       | 6,073                       | 3,452                                       | 4,497                         | 1,345                                | 1,043                            | 1,539   |
| Farms by number of operators:                              |  |                             |   |                               |                                      |                                  |   |
| 1 operator   | number                                       | 2,455                       | 1,271                                       | 1,108                         | 445                                  | 250                              | 440   |
| 2 operators  | number                                       | 1,453                       | 795   | 933                           | 322                                  | 299                              | 438   |
| 3 operators  | number                                       | 145                         | 103   | 320                           | 41                                   | 37                               | 39  |
| 4 operators  | number                                       | 44                          | 43  | 97                            | 22                                   | 11                               | 20  |
| 5 or more operators  | number                                       | 18                          | 20  | 31                            | 8                                    | 7                                | 5   |
| Total women operators                                      | number                                       | 1,673                       | 930   | 977                           | 373                                  | 391                              | 696   |
| Farms by number of women operators:                        |  |                             |   |                               |                                      |                                  |   |
| 1 operator   | number                                       | 1,493                       | 817   | 809                           | 305                                  | 336                              | 580   |
| 2 operators  | number                                       | 72                          | 43  | 66                            | 20                                   | 19                               | 40  |
| 3 operators  | number                                       | 12                          | 9   | 8                             | 6                                    | 3                                | 12  |
| 4 operators  | number                                       | -                           | -   | 3                             | -                                    | 2                                | -   |
| 5 or more operators  | number                                       | -                           | -   | -                             | 2                                    | -                                | -   |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total  | Oilseed and grain farming (1111) | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                         |                        |   |
|--|--------|----------------------------------|------------------------------------|-----------------------------------|---|---------------------------|-------------------------|------------------------|---|
|  |        |                                  |                                    |                                   |   | Total                     | Tobacco farming (11191) | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Sex of operator:   |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Male .....   | 47,411 | 12,918                           | 1,490                              | 2,168                             | 2,813   | 12,799                    | -                       | -                      | 12,799  |
| Female .....   | 5,904  | 547                              | 120                                | 208                               | 357   | 1,460                     | -                       | -                      | 1,460   |
| Primary occupation:  |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Farming .....  | 29,071 | 8,552                            | 1,028                              | 1,449                             | 1,444   | 6,317                     | -                       | -                      | 6,317   |
| Other .....  | 24,244 | 4,913                            | 582                                | 927                               | 1,726   | 7,942                     | -                       | -                      | 7,942   |
| Place of residence:  |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| On farm operated .....                                       | 46,192 | 11,561                           | 1,381                              | 1,945                             | 2,288   | 11,992                    | -                       | -                      | 11,992  |
| Not on farm operated .....                                   | 7,123  | 1,904                            | 229                                | 431                               | 882   | 2,267                     | -                       | -                      | 2,267   |
| Days worked off farm:  |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| None .....   | 23,109 | 6,185                            | 776                                | 1,131                             | 1,523   | 5,992                     | -                       | -                      | 5,992   |
| Any .....  | 30,206 | 7,280                            | 834                                | 1,245                             | 1,647   | 8,267                     | -                       | -                      | 8,267   |
| 1 to 49 days .....   | 2,751  | 759                              | 105                                | 163                               | 189   | 659                       | -                       | -                      | 659   |
| 50 to 99 days .....  | 1,598  | 386                              | 68                                 | 79                                | 110   | 411                       | -                       | -                      | 411   |
| 100 to 199 days .....  | 3,510  | 814                              | 130                                | 207                               | 241   | 934                       | -                       | -                      | 934   |
| 200 days or more .....                                       | 22,347 | 5,321                            | 531                                | 796                               | 1,107   | 6,263                     | -                       | -                      | 6,263   |
| Years on present farm:                                       |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| 2 years or less .....  | 1,537  | 317                              | 51                                 | 77                                | 100   | 382                       | -                       | -                      | 382   |
| 3 or 4 years .....   | 3,154  | 527                              | 133                                | 144                               | 174   | 824                       | -                       | -                      | 824   |
| 5 to 9 years .....   | 8,777  | 1,625                            | 244                                | 356                               | 559   | 2,371                     | -                       | -                      | 2,371   |
| 10 years or more .....                                       | 39,847 | 10,996                           | 1,182                              | 1,799                             | 2,337   | 10,682                    | -                       | -                      | 10,682  |
| Average years on present farm .....                          | 21.5   | 25.5                             | 21.1                               | 21.6                              | 18.7  | 22.0                      | -                       | -                      | 22.0  |
| Age group:   |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Under 25 years .....   | 435    | 165                              | 20                                 | 2                                 | 3   | 65                        | -                       | -                      | 65  |
| 25 to 34 years .....   | 2,532  | 763                              | 75                                 | 59                                | 121   | 517                       | -                       | -                      | 517   |
| 35 to 44 years .....   | 10,489 | 2,492                            | 362                                | 436                               | 602   | 2,377                     | -                       | -                      | 2,377   |
| 45 to 49 years .....   | 7,462  | 1,660                            | 263                                | 306                               | 486   | 1,755                     | -                       | -                      | 1,755   |
| 50 to 54 years .....   | 7,765  | 1,733                            | 206                                | 347                               | 543   | 1,962                     | -                       | -                      | 1,962   |
| 55 to 59 years .....   | 6,666  | 1,648                            | 204                                | 299                               | 405   | 1,764                     | -                       | -                      | 1,764   |
| 60 to 64 years .....   | 6,014  | 1,536                            | 183                                | 274                               | 392   | 1,700                     | -                       | -                      | 1,700   |
| 65 to 69 years .....   | 4,407  | 1,278                            | 106                                | 203                               | 228   | 1,395                     | -                       | -                      | 1,395   |
| 70 years and over .....                                      | 7,545  | 2,190                            | 191                                | 450                               | 390   | 2,724                     | -                       | -                      | 2,724   |
| Average age .....  | 54.2   | 54.8                             | 52.7                               | 56.3                              | 54.1  | 56.5                      | -                       | -                      | 56.5  |
| Spanish, Hispanic, or Latino origin (see text) .....         | 828    | 212                              | 16                                 | 76                                | 56  | 257                       | -                       | -                      | 257   |
| Race:  |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| White .....  | 52,795 | 13,370                           | 1,577                              | 2,331                             | 3,146   | 14,139                    | -                       | -                      | 14,139  |
| Black or African American .....                              | 184    | 35                               | 18                                 | 30                                | 4   | 29                        | -                       | -                      | 29  |
| American Indian or Alaska Native .....                       | 146    | 22                               | 3                                  | 6                                 | 4   | 52                        | -                       | -                      | 52  |
| Native Hawaiian or Other Pacific Islander .....              | 13     | -                                | -                                  | -                                 | -   | 12                        | -                       | -                      | 12  |
| Asian .....  | 30     | 10                               | 3                                  | 3                                 | 4   | 1                         | -                       | -                      | 1   |
| More than one race reported .....                            | 147    | 28                               | 9                                  | 6                                 | 12  | 26                        | -                       | -                      | 26  |
| Operators living on an American Indian reservation .....     | 76     | 25                               | 4                                  | 4                                 | 5   | 20                        | -                       | -                      | 20  |
| Farms by number of persons living in operator's household:   |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| 1 person .....   | 5,692  | 1,521                            | 160                                | 244                               | 291   | 1,861                     | -                       | -                      | 1,861   |
| 2 people .....   | 24,554 | 6,494                            | 691                                | 1,183                             | 1,495   | 7,072                     | -                       | -                      | 7,072   |
| 3 people .....   | 7,823  | 1,884                            | 228                                | 360                               | 451   | 1,905                     | -                       | -                      | 1,905   |
| 4 people .....   | 8,162  | 1,992                            | 260                                | 314                               | 510   | 1,972                     | -                       | -                      | 1,972   |
| 5 or more people .....                                       | 7,084  | 1,574                            | 271                                | 275                               | 423   | 1,449                     | -                       | -                      | 1,449   |
| Percent of operator's total household income from farming:   |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Less than 25 percent .....                                   | 34,565 | 7,241                            | 814                                | 1,391                             | 1,933   | 10,982                    | -                       | -                      | 10,982  |
| 25 to 49 percent .....                                       | 5,262  | 1,790                            | 181                                | 229                               | 251   | 1,271                     | -                       | -                      | 1,271   |
| 50 to 74 percent .....                                       | 4,734  | 1,771                            | 168                                | 264                               | 300   | 839                       | -                       | -                      | 839   |
| 75 to 99 percent .....                                       | 3,083  | 1,048                            | 141                                | 187                               | 155   | 514                       | -                       | -                      | 514   |
| 100 percent .....  | 4,646  | 1,350                            | 249                                | 221                               | 381   | 504                       | -                       | -                      | 504   |
| Operator is a hired manager .....                            | farms  | 265                              | 57                                 | 84                                | 150   | 149                       | -                       | -                      | 149   |
|  | acres  | 396,227                          | 148,833                            | 42,821                            | 23,688  | 21,571                    | 50,932                  | -                      | 50,932  |
| Farms with-  |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Computer for farm business .....                             | 20,937 | 5,122                            | 782                                | 1,264                             | 1,691   | 3,778                     | -                       | -                      | 3,778   |
| Internet access .....  | 27,663 | 6,428                            | 886                                | 1,466                             | 1,928   | 6,359                     | -                       | -                      | 6,359   |
| Farms by number of households sharing in net income of farm: |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| 1 household .....  | 43,032 | 10,451                           | 1,197                              | 1,838                             | 2,454   | 12,042                    | -                       | -                      | 12,042  |
| 2 households .....   | 6,815  | 2,092                            | 228                                | 331                               | 407   | 1,596                     | -                       | -                      | 1,596   |
| 3 households .....   | 1,345  | 410                              | 73                                 | 76                                | 89  | 235                       | -                       | -                      | 235   |
| 4 households .....   | 603    | 130                              | 26                                 | 25                                | 28  | 150                       | -                       | -                      | 150   |
| 5 households or more .....                                   | 495    | 117                              | 29                                 | 22                                | 42  | 87                        | -                       | -                      | 87  |
| <b>FARMS BY TYPE OF ORGANIZATION</b>                         |        |                                  |                                    |                                   |   |                           |                         |                        |   |
| Family or individual .....                                   | farms  | 48,070                           | 12,187                             | 1,327                             | 2,003   | 2,470                     | 13,476                  | -                      | 13,476  |
|  | acres  | 7,430,707                        | 3,494,995                          | 200,582                           | 176,540   | 165,208                   | 1,439,232               | -                      | 1,439,232   |
| Partnership .....  | farms  | 3,172                            | 927                                | 155                               | 196   | 206                       | 502                     | -                      | 502   |
|  | acres  | 1,737,310                        | 805,397                            | 96,915                            | 48,160  | 31,201                    | 198,857                 | -                      | 198,857   |
| Registered under state law .....                             | farms  | 1,883                            | 494                                | 103                               | 155   | 166                       | 200                     | -                      | 200   |
|  | acres  | 1,278,271                        | 577,765                            | 73,659                            | 41,058  | 25,669                    | 122,391                 | -                      | 122,391   |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Beef cattle ranching and farming<br>(112111) | Cattle feedlots<br>(112112) | Dairy cattle and milk production<br>(11212) | Hog and pig farming<br>(1122) | Poultry and egg production<br>(1123) | Sheep and goat farming<br>(1124) | Animal aquaculture and other animal production<br>(1125,1129) |
|--|--|-----------------------------|---|-------------------------------|--------------------------------------|----------------------------------|---|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |  |                             |   |                               |                                      |                                  |   |
| Sex of operator:   |  |                             |   |                               |                                      |                                  |   |
| Male .....   | 3,815  | 2,121                       | 2,407                                       | 771                           | 514                                  | 666                              | 4,929   |
| Female .....   | 300  | 111                         | 82  | 67                            | 90                                   | 276                              | 2,286   |
| Primary occupation:  |  |                             |   |                               |                                      |                                  |   |
| Farming .....  | 2,077  | 1,202                       | 2,285                                       | 500                           | 270                                  | 402                              | 3,545   |
| Other .....  | 2,038  | 1,030                       | 204   | 338                           | 334                                  | 540                              | 3,670   |
| Place of residence:  |  |                             |   |                               |                                      |                                  |   |
| On farm operated .....                                       | 3,800  | 2,082                       | 2,334                                       | 770                           | 545                                  | 899                              | 6,595   |
| Not on farm operated .....                                   | 315  | 150                         | 155   | 68                            | 59                                   | 43                               | 620   |
| Days worked off farm:  |  |                             |   |                               |                                      |                                  |   |
| None .....   | 1,381  | 737                         | 1,875                                       | 323                           | 194                                  | 286                              | 2,706   |
| Any .....  | 2,734  | 1,495                       | 614   | 515                           | 410                                  | 656                              | 4,509   |
| 1 to 49 days .....   | 189  | 84                          | 193   | 31                            | 20                                   | 47                               | 312   |
| 50 to 99 days .....  | 128  | 61                          | 57  | 21                            | 20                                   | 35                               | 222   |
| 100 to 199 days .....  | 294  | 160                         | 72  | 63                            | 33                                   | 76                               | 486   |
| 200 days or more .....                                       | 2,123  | 1,190                       | 292   | 400                           | 337                                  | 498                              | 3,489   |
| Years on present farm:                                       |  |                             |   |                               |                                      |                                  |   |
| 2 years or less .....  | 136  | 61                          | 70  | 28                            | 31                                   | 32                               | 252   |
| 3 or 4 years .....   | 281  | 112                         | 91  | 65                            | 81                                   | 75                               | 647   |
| 5 to 9 years .....   | 723  | 350                         | 285   | 152                           | 148                                  | 197                              | 1,767   |
| 10 years or more .....                                       | 2,975  | 1,709                       | 2,043                                       | 593                           | 344                                  | 638                              | 4,549   |
| Average years on present farm .....                          | 20.7   | 21.5                        | 24.1  | 18.3                          | 14.7                                 | 17.3                             | 15.5  |
| Age group:   |  |                             |   |                               |                                      |                                  |   |
| Under 25 years .....   | 22   | 35                          | 36  | 11                            | 13                                   | 15                               | 48  |
| 25 to 34 years .....   | 213  | 126                         | 185   | 71                            | 28                                   | 55                               | 319   |
| 35 to 44 years .....   | 887  | 530                         | 590   | 260                           | 171                                  | 230                              | 1,552   |
| 45 to 49 years .....   | 572  | 328                         | 410   | 140                           | 101                                  | 167                              | 1,274   |
| 50 to 54 years .....   | 552  | 324                         | 387   | 140                           | 115                                  | 129                              | 1,327   |
| 55 to 59 years .....   | 556  | 263                         | 318   | 85                            | 76                                   | 119                              | 929   |
| 60 to 64 years .....   | 464  | 221                         | 234   | 54                            | 50                                   | 82                               | 824   |
| 65 to 69 years .....   | 329  | 175                         | 139   | 45                            | 22                                   | 62                               | 425   |
| 70 years and over .....                                      | 520  | 230                         | 190   | 32                            | 28                                   | 83                               | 517   |
| Average age .....  | 53.5   | 52.1                        | 50.6  | 48.1                          | 49.2                                 | 51.1                             | 51.7  |
| Spanish, Hispanic, or Latino origin (see text) .....         | 48   | 24                          | 34  | 14                            | 8                                    | 11                               | 72  |
| Race:  |  |                             |   |                               |                                      |                                  |   |
| White .....  | 4,081  | 2,222                       | 2,483                                       | 820                           | 587                                  | 931                              | 7,108   |
| Black or African American .....                              | 19   | 2                           | 1   | 13                            | 4                                    | 3                                | 26  |
| American Indian or Alaska Native .....                       | 6  | 1                           | 2   | 2                             | 6                                    | 5                                | 37  |
| Native Hawaiian or Other Pacific Islander .....              | -  | -                           | -   | -                             | -                                    | -                                | 1   |
| Asian .....  | -  | 1                           | -   | -                             | 2                                    | 1                                | 5   |
| More than one race reported .....                            | 9  | 6                           | 3   | 3                             | 5                                    | 2                                | 38  |
| Operators living on an American Indian reservation .....     | 4  | 2                           | 3   | -                             | 1                                    | -                                | 8   |
| Farms by number of persons living in operator's household:   |  |                             |   |                               |                                      |                                  |   |
| 1 person .....   | 412  | 175                         | 170   | 58                            | 36                                   | 83                               | 681   |
| 2 people .....   | 1,739  | 918                         | 862   | 259                           | 224                                  | 347                              | 3,270   |
| 3 people .....   | 642  | 341                         | 365   | 136                           | 100                                  | 148                              | 1,263   |
| 4 people .....   | 668  | 388                         | 408   | 190                           | 117                                  | 186                              | 1,157   |
| 5 or more people .....                                       | 654  | 410                         | 684   | 195                           | 127                                  | 178                              | 844   |
| Percent of operator's total household income from farming:   |  |                             |   |                               |                                      |                                  |   |
| Less than 25 percent .....                                   | 3,048  | 1,513                       | 387   | 507                           | 447                                  | 747                              | 5,555   |
| 25 to 49 percent .....                                       | 375  | 247                         | 189   | 84                            | 33                                   | 69                               | 543   |
| 50 to 74 percent .....                                       | 311  | 176                         | 360   | 84                            | 38                                   | 46                               | 377   |
| 75 to 99 percent .....                                       | 166  | 122                         | 465   | 60                            | 24                                   | 19                               | 182   |
| 100 percent .....  | 171  | 137                         | 1,027                                       | 95                            | 44                                   | 46                               | 421   |
| Operator is a hired manager .....                            | farms<br>7,082                               | acres<br>27,959             | 61<br>44,294                                | 8<br>6,121                    | 18<br>2,341                          | 15<br>528                        | 137<br>20,057   |
| Farms with-  |  |                             |   |                               |                                      |                                  |   |
| Computer for farm business .....                             | 1,260  | 847                         | 1,212                                       | 387                           | 311                                  | 485                              | 3,798   |
| Internet access .....  | 1,871  | 1,170                       | 1,194                                       | 494                           | 392                                  | 632                              | 4,843   |
| Farms by number of households sharing in net income of farm: |  |                             |   |                               |                                      |                                  |   |
| 1 household .....  | 3,473  | 1,853                       | 1,515                                       | 659                           | 494                                  | 852                              | 6,204   |
| 2 households .....   | 471  | 239                         | 580   | 125                           | 64                                   | 50                               | 632   |
| 3 households .....   | 45   | 53                          | 207   | 29                            | 12                                   | 10                               | 106   |
| 4 households .....   | 46   | 28                          | 73  | 5                             | 14                                   | 7                                | 71  |
| 5 households or more .....                                   | 36   | 22                          | 53  | 12                            | 2                                    | 8                                | 65  |
| <b>FARMS BY TYPE OF ORGANIZATION</b>                         |  |                             |   |                               |                                      |                                  |   |
| Family or individual .....                                   | farms<br>3,915                               | acres<br>471,693            | 2,079<br>292,407                            | 1,892<br>703,185              | 733<br>117,884                       | 548<br>29,605                    | 901<br>45,488   |
| Partnership .....  | farms<br>163                                 | acres<br>46,896             | 109<br>59,730                               | 461<br>343,235                | 77<br>47,608                         | 25<br>9,902                      | 29<br>3,848   |
| Registered under state law .....                             | farms<br>64                                  | acres<br>25,134             | 50<br>44,659                                | 350<br>282,958                | 49<br>38,157                         | 20<br>8,311                      | 8<br>233  |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total        | Oilseed and grain farming (1111) | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                         |                        |  |
|--|--------------|----------------------------------|------------------------------------|-----------------------------------|---|---------------------------|-------------------------|------------------------|--|
|  |              |                                  |                                    |                                   |   | Total                     | Tobacco farming (11191) | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) |
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>  |              |                                  |                                    |                                   |   |                           |                         |                        |  |
| Corporation .....  | farms 1,817  | 302                              | 116                                | 170                               | 475   | 180                       | -                       | -                      | 180  |
| acres 911,349  | 344,303      | 106,366                          | 57,765                             | 51,552                            | 112,585   | -                         | -                       | -                      | 112,585  |
| Family held .....  | farms 1,683  | 292                              | 112                                | 164                               | 428   | 165                       | -                       | -                      | 165  |
| acres 875,773  | 337,078      | 105,366                          | 56,111                             | 43,362                            | 107,814   | -                         | -                       | -                      | 107,814  |
| More than 10 stockholders .....  | farms 24     | 2                                | 2                                  | 1                                 | 10  | 3                         | -                       | -                      | 3  |
| 10 or less stockholders .....  | farms 1,659  | 290                              | 110                                | 163                               | 418   | 162                       | -                       | -                      | 162  |
| Other than family held .....   | farms 134    | 10                               | 4                                  | 6                                 | 47  | 15                        | -                       | -                      | 15   |
| acres 35,576   | 7,225        | 1,000                            | 1,654                              | 8,190                             | 4,771   | -                         | -                       | -                      | 4,771  |
| More than 10 stockholders .....  | farms 16     | 2                                | -                                  | -                                 | 3   | 4                         | -                       | -                      | 4  |
| 10 or less stockholders .....  | farms 118    | 8                                | 4                                  | 6                                 | 44  | 11                        | -                       | -                      | 11   |
| Other-cooperative, estate or trust, institutional, etc .....                           | farms 256    | 49                               | 12                                 | 7                                 | 19  | 101                       | -                       | -                      | 101  |
| acres 63,592   | 18,399       | 1,377                            | 873                                | 2,196                             | 14,601  | -                         | -                       | -                      | 14,601   |
| <b>H HIRED FARM LABOR</b>  |              |                                  |                                    |                                   |   |                           |                         |                        |  |
| Hired farm labor .....   | farms 12,279 | 2,900                            | 718                                | 1,043                             | 1,307   | 1,918                     | -                       | -                      | 1,918  |
| workers 86,855   | 9,750        | 11,489                           | 19,253                             | 19,606                            | 7,466   | -                         | -                       | -                      | 7,466  |
| Workers by days worked:  |              |                                  |                                    |                                   |   |                           |                         |                        |  |
| 150 days or more .....   | farms 4,414  | 876                              | 317                                | 431                               | 657   | 341                       | -                       | -                      | 341  |
| workers 23,034   | 1,832        | 2,591                            | 2,688                              | 7,492                             | 1,376   | -                         | -                       | -                      | 1,376  |
| Less than 150 days .....   | farms 10,635 | 2,484                            | 631                                | 980                               | 1,203   | 1,768                     | -                       | -                      | 1,768  |
| workers 63,821   | 7,918        | 8,898                            | 16,565                             | 12,114                            | 6,090   | -                         | -                       | -                      | 6,090  |
| Migrant farm labor on farms with hired labor (see text) .....                          | farms 1,412  | 148                              | 311                                | 517                               | 277   | 88                        | -                       | -                      | 88   |
| Migrant farm labor on farms reporting only contract labor (see text) .....             | farms 143    | 16                               | 2                                  | 59                                | 11  | 38                        | -                       | -                      | 38   |
| <b>F FARMS BY SIZE</b>   |              |                                  |                                    |                                   |   |                           |                         |                        |  |
| 1 to 9 acres .....   | 3,235        | 67                               | 125                                | 218                               | 663   | 171                       | -                       | -                      | 171  |
| 10 to 49 acres .....   | 18,663       | 2,537                            | 587                                | 880                               | 1,362   | 5,601                     | -                       | -                      | 5,601  |
| 50 to 69 acres .....   | 4,425        | 1,034                            | 128                                | 225                               | 223   | 1,628                     | -                       | -                      | 1,628  |
| 70 to 99 acres .....   | 6,444        | 1,648                            | 161                                | 326                               | 292   | 2,320                     | -                       | -                      | 2,320  |
| 100 to 139 acres .....   | 4,573        | 1,348                            | 92                                 | 190                               | 201   | 1,487                     | -                       | -                      | 1,487  |
| 140 to 179 acres .....   | 3,163        | 1,041                            | 76                                 | 132                               | 124   | 912                       | -                       | -                      | 912  |
| 180 to 219 acres .....   | 2,084        | 764                              | 55                                 | 100                               | 65  | 552                       | -                       | -                      | 552  |
| 220 to 259 acres .....   | 1,618        | 651                              | 46                                 | 59                                | 56  | 351                       | -                       | -                      | 351  |
| 260 to 499 acres .....   | 4,291        | 1,824                            | 142                                | 143                               | 118   | 741                       | -                       | -                      | 741  |
| 500 to 999 acres .....   | 2,856        | 1,375                            | 100                                | 79                                | 45  | 322                       | -                       | -                      | 322  |
| 1,000 to 1,999 acres .....   | 1,468        | 864                              | 61                                 | 18                                | 16  | 121                       | -                       | -                      | 121  |
| 2,000 acres or more .....  | 495          | 312                              | 37                                 | 6                                 | 5   | 53                        | -                       | -                      | 53   |
| <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>                       |              |                                  |                                    |                                   |   |                           |                         |                        |  |
| Oilseed and grain farming (1111) .....   | 13,465       | 13,465                           | -                                  | -                                 | -   | -                         | -                       | -                      | -  |
| Vegetable and melon farming (1112) .....   | 1,610        | -                                | 1,610                              | -                                 | -   | -                         | -                       | -                      | -  |
| Fruit and tree nut farming (1113) .....  | 2,376        | -                                | -                                  | 2,376                             | -   | -                         | -                       | -                      | -  |
| Greenhouse, nursery, and floriculture production (1114) .....                          | 3,170        | -                                | -                                  | -                                 | 3,170   | -                         | -                       | -                      | -  |
| Other crop farming (1119) .....  | 14,259       | -                                | -                                  | -                                 | -   | 14,259                    | -                       | -                      | 14,259   |
| Tobacco farming (11191) .....  | -            | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -  |
| Cotton farming (11192) .....   | -            | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -  |
| Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) ..... | 14,259       | -                                | -                                  | -                                 | -   | 14,259                    | -                       | -                      | 14,259   |
| Beef cattle ranching and farming (112111) .....  | 4,115        | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -  |
| Cattle feedlots (112112) .....   | 2,232        | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -  |
| Dairy cattle and milk production (11212) .....   | 2,489        | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -  |
| Hog and pig farming (1122) .....   | 838          | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -  |
| Poultry and egg production (1123) .....  | 604          | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -  |
| Sheep and goat farming (1124) .....  | 942          | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -  |
| Animal aquaculture and other animal production (1125, 1129) .....                      | 7,215        | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -  |
| <b>L LIVESTOCK</b>   |              |                                  |                                    |                                   |   |                           |                         |                        |  |
| Cattle and calves inventory .....  | farms 14,495 | 2,235                            | 146                                | 73                                | 70  | 2,379                     | -                       | -                      | 2,379  |
| number 998,204   | 75,527       | 5,052                            | 1,305                              | 859                               | 68,249  | -                         | -                       | -                      | 68,249   |
| Farms with-  |              |                                  |                                    |                                   |   |                           |                         |                        |  |
| 1 to 9 .....   | 4,512        | 773                              | 61                                 | 39                                | 42  | 1,073                     | -                       | -                      | 1,073  |
| 10 to 49 .....   | 5,995        | 1,068                            | 49                                 | 29                                | 25  | 1,031                     | -                       | -                      | 1,031  |
| 50 to 99 .....   | 1,656        | 220                              | 18                                 | 4                                 | 3   | 148                       | -                       | -                      | 148  |
| 100 to 199 .....   | 1,186        | 125                              | 14                                 | -                                 | -   | 82                        | -                       | -                      | 82   |
| 200 to 499 .....   | 856          | 45                               | 4                                  | 1                                 | -   | 37                        | -                       | -                      | 37   |
| 500 or more .....  | 290          | 4                                | -                                  | -                                 | -   | 8                         | -                       | -                      | 8  |
| Cows and heifers that had calved .....   | farms 10,730 | 1,320                            | 96                                 | 52                                | 45  | 1,722                     | -                       | -                      | 1,722  |
| number 415,993   | 19,263       | 1,730                            | 512                                | 383                               | 20,464  | -                         | -                       | -                      | 20,464   |
| Beef cows .....  | farms 8,144  | 1,250                            | 84                                 | 50                                | 42  | 1,638                     | -                       | -                      | 1,638  |
| number 117,564   | 16,260       | 1,531                            | 494                                | 375                               | 17,991  | -                         | -                       | -                      | 17,991   |
| Farms with-  |              |                                  |                                    |                                   |   |                           |                         |                        |  |
| 1 to 9 .....   | 4,299        | 662                              | 43                                 | 31                                | 30  | 1,018                     | -                       | -                      | 1,018  |
| 10 to 49 .....   | 3,463        | 551                              | 30                                 | 19                                | 12  | 574                       | -                       | -                      | 574  |
| 50 to 99 .....   | 286          | 26                               | 9                                  | -                                 | -   | 38                        | -                       | -                      | 38   |
| 100 to 199 .....   | 81           | 10                               | 2                                  | -                                 | -   | 6                         | -                       | -                      | 6  |
| 200 to 499 .....   | 14           | 1                                | -                                  | -                                 | -   | 2                         | -                       | -                      | 2  |
| 500 or more .....  | 1            | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -  |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Beef cattle ranching and farming (112111) | Cattle feedlots (112112) | Dairy cattle and milk production (11212) | Hog and pig farming (1122) | Poultry and egg production (1123) | Sheep and goat farming (1124) | Animal aquaculture and other animal production (1125,1129) |
|--|---|--------------------------|--|----------------------------|-----------------------------------|-------------------------------|--|
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>  |   |                          |  |                            |                                   |                               |  |
| Corporation .....  | farms 26                                  | 41                       | 125                                      | 26                         | 28                                | 7                             | 321  |
| acres 7,667  | (D) 38                                    | 116,466                  | (D) 22                                   | (D) 26                     | (D) 1                             | (D) 7                         | 22,638   |
| Family held .....  | farms 23                                  | 50,413                   | 122                                      | 23,087                     | 10,688                            | -                             | 284  |
| acres (D)  | (D)                                       | (D)                      | (D)                                      | (D)                        | (D)                               | (D)                           | 18,050   |
| More than 10 stockholders .....  | farms 1                                   | -                        | 2  | 2                          | -                                 | -                             | -  |
| 10 or less stockholders .....  | farms 22                                  | 38                       | 120                                      | 20                         | 25                                | 7                             | 284  |
| Other than family held .....   | farms 3                                   | 3                        | 3  | 4                          | 2                                 | -                             | 37   |
| acres (D)  | (D)                                       | (D)                      | (D)                                      | (D)                        | (D)                               | -                             | 4,588  |
| More than 10 stockholders .....  | farms -                                   | -                        | -  | -                          | -                                 | -                             | 7  |
| 10 or less stockholders .....  | farms 3                                   | 3                        | 3  | 4                          | 2                                 | -                             | 30   |
| Other-cooperative, estate or trust, institutional, etc .....                         | farms 11                                  | 3                        | 11                                       | 2                          | 3                                 | 5                             | 33   |
| acres 2,996  | (D)                                       | 13,442                   | (D)                                      | (D)                        | (D)                               | (D)                           | 8,492  |
| <b>H HIRED FARM LABOR</b>  |   |                          |  |                            |                                   |                               |  |
| Hired farm labor .....   | farms 702                                 | 526                      | 1,442                                    | 215                        | 149                               | 150                           | 1,209  |
| workers 1,786  |   | 1,959                    | 7,544                                    | 1,279                      | 1,135                             | 451                           | 5,137  |
| Workers by days worked:  |   |                          |  |                            |                                   |                               |  |
| 150 days or more .....   | farms 141                                 | 126                      | 1,006                                    | 106                        | 41                                | 6                             | 366  |
| workers 379  |   | 299                      | 4,204                                    | 476                        | 486                               | 6                             | 1,205  |
| Less than 150 days .....   | farms 580                                 | 457                      | 997                                      | 165                        | 136                               | 150                           | 1,084  |
| workers 1,407  |   | 1,660                    | 3,340                                    | 803                        | 649                               | 445                           | 3,932  |
| Migrant farm labor on farms with hired labor (see text) .....                        | farms 20                                  | 3                        | 28                                       | 5                          | 3                                 | -                             | 12   |
| Migrant farm labor on farms reporting only contract labor (see text) .....           | farms 7                                   | -                        | -  | -                          | -                                 | -                             | 10   |
| <b>F FARMS BY SIZE</b>   |   |                          |  |                            |                                   |                               |  |
| 1 to 9 acres .....   | 297                                       | 134                      | 33                                       | 123                        | 121                               | 147                           | 1,136  |
| 10 to 49 acres .....   | 1,365                                     | 698                      | 110                                      | 296                        | 279                               | 485                           | 4,463  |
| 50 to 69 acres .....   | 346                                       | 190                      | 62                                       | 66                         | 45                                | 80                            | 398  |
| 70 to 99 acres .....   | 568                                       | 260                      | 173                                      | 68                         | 60                                | 107                           | 461  |
| 100 to 139 acres .....   | 410                                       | 231                      | 169                                      | 52                         | 29                                | 51                            | 313  |
| 140 to 179 acres .....   | 322                                       | 183                      | 157                                      | 29                         | 10                                | 28                            | 149  |
| 180 to 219 acres .....   | 199                                       | 120                      | 137                                      | 23                         | 10                                | 9                             | 50   |
| 220 to 259 acres .....   | 136                                       | 77                       | 142                                      | 15                         | 8                                 | 17                            | 60   |
| 260 to 499 acres .....   | 303                                       | 173                      | 657                                      | 53                         | 22                                | 13                            | 102  |
| 500 to 999 acres .....   | 119                                       | 96                       | 581                                      | 67                         | 13                                | 4                             | 55   |
| 1,000 to 1,999 acres .....   | 47  | 50                       | 228                                      | 33                         | 6                                 | 1                             | 23   |
| 2,000 acres or more .....  | 3   | 20                       | 40                                       | 13                         | 1                                 | -                             | 5  |
| <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>                     |   |                          |  |                            |                                   |                               |  |
| Oilseed and grain farming (1111) .....   | -   | -                        | -  | -                          | -                                 | -                             | -  |
| Vegetable and melon farming (1112) .....   | -   | -                        | -  | -                          | -                                 | -                             | -  |
| Fruit and tree nut farming (1113) .....  | -   | -                        | -  | -                          | -                                 | -                             | -  |
| Greenhouse, nursery, and floriculture production (1114) .....                        | -   | -                        | -  | -                          | -                                 | -                             | -  |
| Other crop farming (1119) .....  | -   | -                        | -  | -                          | -                                 | -                             | -  |
| Tobacco farming (11191) .....  | -   | -                        | -  | -                          | -                                 | -                             | -  |
| Cotton farming (11192) .....   | -   | -                        | -  | -                          | -                                 | -                             | -  |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | -   | -                        | -  | -                          | -                                 | -                             | -  |
| Beef cattle ranching and farming (112111) .....                                      | 4,115                                     | -                        | -  | -                          | -                                 | -                             | -  |
| Cattle feedlots (112112) .....   | -   | 2,232                    | -  | -                          | -                                 | -                             | -  |
| Dairy cattle and milk production (11212) .....                                       | -   | -                        | 2,489                                    | -                          | -                                 | -                             | -  |
| Hog and pig farming (1122) .....   | -   | -                        | -  | 838                        | -                                 | -                             | -  |
| Poultry and egg production (1123) .....  | -   | -                        | -  | -                          | 604                               | -                             | -  |
| Sheep and goat farming (1124) .....  | -   | -                        | -  | -                          | -                                 | 942                           | -  |
| Animal aquaculture and other animal production (1125, 1129) .....                    | -   | -                        | -  | -                          | -                                 | -                             | 7,215  |
| <b>L LIVESTOCK</b>   |   |                          |  |                            |                                   |                               |  |
| Cattle and calves inventory .....  | farms 3,975                               | 2,108                    | 2,487                                    | 224                        | 110                               | 115                           | 573  |
| number 138,786   | 154,596                                   | 536,518                  | 5,259                                    | 1,283                      | 818                               | 818                           | 9,952  |
| Farms with-  |   |                          |  |                            |                                   |                               |  |
| 1 to 9 .....   | 1,208                                     | 584                      | 42                                       | 133                        | 86                                | 87                            | 384  |
| 10 to 49 .....   | 2,088                                     | 985                      | 457                                      | 64                         | 20                                | 27                            | 152  |
| 50 to 99 .....   | 423                                       | 253                      | 544                                      | 17                         | 2                                 | 1                             | 23   |
| 100 to 199 .....   | 171                                       | 145                      | 632                                      | 7                          | 1                                 | -                             | 9  |
| 200 to 499 .....   | 70  | 91                       | 601                                      | 3                          | 1                                 | -                             | 3  |
| 500 or more .....  | 15  | 50                       | 211                                      | -                          | -                                 | -                             | 2  |
| Cows and heifers that had calved .....   | farms 3,190                               | 1,180                    | 2,478                                    | 143                        | 75                                | 69                            | 360  |
| number 52,703  | 21,335                                    | 294,252                  | 1,932                                    | 363                        | 357                               | 357                           | 2,699  |
| Beef cows .....  | farms 3,099                               | 1,160                    | 244                                      | 127                        | 67                                | 56                            | 327  |
| number 51,509  | 20,949                                    | 4,233                    | 1,597                                    | 294                        | 334                               | 334                           | 1,997  |
| Farms with-  |   |                          |  |                            |                                   |                               |  |
| 1 to 9 .....   | 1,418                                     | 507                      | 127                                      | 88                         | 61                                | 44                            | 270  |
| 10 to 49 .....   | 1,500                                     | 579                      | 95                                       | 31                         | 6                                 | 11                            | 55   |
| 50 to 99 .....   | 135                                       | 56                       | 13                                       | 6                          | -                                 | 1                             | 2  |
| 100 to 199 .....   | 40  | 12                       | 9  | 2                          | -                                 | -                             | -  |
| 200 to 499 .....   | 6   | 5                        | -  | -                          | -                                 | -                             | -  |
| 500 or more .....  | -   | 1                        | -  | -                          | -                                 | -                             | -  |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total        | Oilseed and grain farming (1111) | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                         |                        |   |
|--|--------------|----------------------------------|------------------------------------|-----------------------------------|---|---------------------------|-------------------------|------------------------|---|
|  |              |                                  |                                    |                                   |   | Total                     | Tobacco farming (11191) | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |
| <b>LIVESTOCK - Con.</b>                                    |              |                                  |                                    |                                   |   |                           |                         |                        |   |
| Cattle and calves inventory - Con.                         |              |                                  |                                    |                                   |   |                           |                         |                        |   |
| Cows and heifers that had calved - Con.                    |              |                                  |                                    |                                   |   |                           |                         |                        |   |
| Milk cows .....  | farms number | 3,013<br>298,429                 | 104<br>3,003                       | 17<br>199                         | 7<br>18   | 4<br>8                    | 113<br>2,473            | -                      | -   |
| Farms with-  |              |                                  |                                    |                                   |   |                           |                         |                        |   |
| 1 to 4 .....   |              | 378                              | 43                                 | 14                                | 6   | 3                         | 61                      | -                      | 61  |
| 5 to 9 .....   |              | 131                              | 9                                  | -                                 | -   | 1                         | 5                       | -                      | 5   |
| 10 to 49 .....   |              | 940                              | 30                                 | -                                 | 1   | -                         | 27                      | -                      | 27  |
| 50 to 99 .....   |              | 723                              | 14                                 | 3                                 | -   | -                         | 14                      | -                      | 14  |
| 100 to 199 .....   |              | 546                              | 7                                  | -                                 | -   | -                         | 6                       | -                      | 6   |
| 200 to 499 .....   |              | 217                              | 1                                  | -                                 | -   | -                         | -                       | -                      | -   |
| 500 or more .....  |              | 78                               | -                                  | -                                 | -   | -                         | -                       | -                      | -   |
| Other cattle (see text) .....                              | farms number | 12,711<br>582,211                | 1,929<br>56,264                    | 124<br>3,322                      | 55<br>793   | 59<br>476                 | 1,984<br>47,785         | -                      | 1,984<br>47,785   |
| Cattle and calves sold .....                               | farms number | 11,293<br>516,107                | 1,500<br>35,531                    | 103<br>2,564                      | 36<br>584   | 36<br>291                 | 1,289<br>30,109         | -                      | 1,289<br>30,109   |
| Calves weighing less than 500 pounds .....                 | farms number | \$1,000<br>298,517               | 23,047                             | 1,573                             | 359   | 179                       | 20,401                  | -                      | 20,401  |
| Cattle, including calves weighing 500 pounds or more ..... | farms number | 4,348<br>366,133                 | 304<br>30,952                      | 25<br>2,275                       | 14  | 9                         | 426                     | -                      | 426   |
| Cattle on feed (see text) .....                            | farms number | 149,974<br>207,660               | 4,579<br>20,185                    | 289<br>379                        | 129   | 47                        | 4,462                   | -                      | 4,462   |
| Hogs and pigs inventory .....                              | farms number | 2,180<br>927,400                 | 371<br>44,025                      | 44<br>635                         | 14<br>136   | 13<br>68                  | 247<br>34,100           | -                      | 247<br>34,100   |
| Farms with-  |              |                                  |                                    |                                   |   |                           |                         |                        |   |
| 1 to 24 .....  |              | 1,291                            | 224                                | 35                                | 13  | 13                        | 177                     | -                      | 177   |
| 25 to 49 .....   |              | 184                              | 39                                 | 2                                 | -   | -                         | 16                      | -                      | 16  |
| 50 to 99 .....   |              | 151                              | 35                                 | 7                                 | 1   | -                         | 16                      | -                      | 16  |
| 100 to 199 .....   |              | 120                              | 27                                 | -                                 | -   | -                         | 15                      | -                      | 15  |
| 200 to 499 .....   |              | 129                              | 25                                 | -                                 | -   | -                         | 9                       | -                      | 9   |
| 500 or more .....  |              | 305                              | 21                                 | -                                 | -   | -                         | 14                      | -                      | 14  |
| Used or to be used for breeding .....                      | farms number | 1,006<br>103,430                 | 183<br>3,723                       | 19<br>(D)                         | 3<br>(D)  | 5<br>13                   | 95<br>1,388             | -                      | 95<br>1,388   |
| Other hogs and pigs .....                                  | farms number | 2,007<br>823,970                 | 345<br>40,302                      | 37<br>(D)                         | 14<br>(D)   | 11<br>55                  | 221<br>32,712           | -                      | 221<br>32,712   |
| Hogs and pigs sold .....                                   | farms number | 2,336<br>2,789,197               | 382<br>77,315                      | 39<br>712                         | 18<br>312   | 16<br>101                 | 232<br>73,733           | -                      | 232<br>73,733   |
| Sheep and lambs of all ages inventory (see text) .....     | farms number | 2,236<br>88,541                  | 307<br>14,253                      | 43<br>720                         | 34<br>265   | 36<br>443                 | 299<br>7,721            | -                      | 299<br>7,721  |
| Ewes 1 year old or older .....                             | farms number | 1,980<br>46,649                  | 278<br>7,049                       | 32<br>559                         | 30<br>139   | 34<br>235                 | 264<br>4,601            | -                      | 264<br>4,601  |
| Sheep and lambs sold .....                                 | farms number | 1,377<br>67,556                  | 181<br>9,006                       | 26<br>410                         | 8<br>27   | 12<br>130                 | 138<br>4,939            | -                      | 138<br>4,939  |
| Horses and ponies inventory .....                          | farms number | 14,988<br>104,949                | 1,525<br>6,636                     | 130<br>540                        | 154<br>563  | 173<br>658                | 3,869<br>19,653         | -                      | 3,869<br>19,653   |
| Horses and ponies sold .....                               | farms number | 3,238<br>11,615                  | 96<br>304                          | 14<br>29                          | 11<br>26  | 18<br>101                 | 230<br>496              | -                      | 230<br>496  |
| Goats, All inventory .....                                 | farms number | 2,163<br>21,094                  | 223<br>1,488                       | 53<br>262                         | 36<br>259   | 27<br>128                 | 410<br>2,317            | -                      | 410<br>2,317  |
| Goats sold .....   | farms number | 646<br>8,120                     | 37<br>510                          | 11<br>71                          | 8<br>22   | 4<br>192                  | 48<br>365               | -                      | 48<br>365   |
| <b>POULTRY</b>   |              |                                  |                                    |                                   |   |                           |                         |                        |   |
| Layers 20 weeks old and older inventory .....              | farms number | 3,491<br>7,308,261               | 443<br>42,293                      | 116<br>4,388                      | 84<br>1,813   | 66<br>1,756               | 646<br>17,675           | -                      | 646<br>17,675   |
| Farms with-  |              |                                  |                                    |                                   |   |                           |                         |                        |   |
| 1 to 399 .....   |              | 3,442                            | 440                                | 116                               | 84  | 66                        | 643                     | -                      | 643   |
| 400 to 3,199 .....   |              | 23                               | 2                                  | -                                 | -   | -                         | 3                       | -                      | 3   |
| 3,200 to 9,999 .....                                       |              | 5                                | -                                  | -                                 | -   | -                         | -                       | -                      | -   |
| 10,000 to 19,999 .....                                     |              | -                                | -                                  | -                                 | -   | -                         | -                       | -                      | -   |
| 20,000 to 49,999 .....                                     |              | 4                                | 1                                  | -                                 | -   | -                         | -                       | -                      | -   |
| 50,000 to 99,999 .....                                     |              | 4                                | -                                  | -                                 | -   | -                         | -                       | -                      | -   |
| 100,000 or more .....                                      |              | 13                               | -                                  | -                                 | -   | -                         | -                       | -                      | -   |
| Pullets for laying flock replacement inventory .....       | farms number | 812<br>1,799,012                 | 78<br>1,980                        | 34<br>1,130                       | 24<br>334   | 26<br>1,749               | 116<br>2,411            | -                      | 116<br>2,411  |
| Layers and pullets sold (see text) .....                   | farms number | 725<br>6,995,451                 | 58<br>13,649                       | 20<br>730                         | 16<br>299   | 22<br>4,205               | 84<br>3,214             | -                      | 84<br>3,214   |
| Broilers and other meat-type chickens sold .....           | farms number | 659<br>4,027,972                 | 68<br>8,517                        | 26<br>2,965                       | 10<br>849   | 21<br>11,643              | 66<br>5,918             | -                      | 66<br>5,918   |
| Farms with-  |              |                                  |                                    |                                   |   |                           |                         |                        |   |
| 1 to 1,999 .....   |              | 640                              | 68                                 | 26                                | 10  | 19                        | 66                      | -                      | 66  |
| 2,000 to 59,999 .....                                      |              | 10                               | -                                  | -                                 | -   | 2                         | -                       | -                      | -   |
| 60,000 to 99,999 .....                                     |              | 1                                | -                                  | -                                 | -   | -                         | -                       | -                      | -   |
| 100,000 or more .....                                      |              | 8                                | -                                  | -                                 | -   | -                         | -                       | -                      | -   |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Beef cattle ranching and farming<br>(112111) | Cattle feedlots<br>(112112) | Dairy cattle and milk production<br>(11212) | Hog and pig farming<br>(1122) | Poultry and egg production<br>(1123) | Sheep and goat farming<br>(1124) | Animal aquaculture and other animal production<br>(1125,1129) |
|--|--|-----------------------------|---|-------------------------------|--------------------------------------|----------------------------------|---|
| <b>LIVESTOCK - Con.</b>                                    |  |                             |   |                               |                                      |                                  |   |
| Cattle and calves inventory - Con.                         |  |                             |   |                               |                                      |                                  |   |
| Cows and heifers that had calved - Con.                    |  |                             |   |                               |                                      |                                  |   |
| Milk cows .....  | farms number                                 | 157<br>1,194                | 36<br>386                                   | 2,471<br>290,019              | 22<br>335                            | 22<br>69                         | 14<br>23  |
| Farms with-  |  |                             |   |                               |                                      |                                  |   |
| 1 to 4 .....   |  | 108                         | 28  | 36                            | 16                                   | 21                               | 13  |
| 5 to 9 .....   |  | 24                          | 2   | 85                            | 1                                    | -                                | 1   |
| 10 to 49 .....   |  | 17                          | 4   | 844                           | 3                                    | 1                                | -   |
| 50 to 99 .....   |  | 7                           | 1   | 683                           | 1                                    | -                                | -   |
| 100 to 199 .....   |  | 1                           | 1   | 530                           | 1                                    | -                                | -   |
| 200 to 499 .....   |  | -                           | -   | 215                           | -                                    | -                                | -   |
| 500 or more .....  |  | -                           | -   | 78                            | -                                    | -                                | -   |
| Other cattle (see text) .....                              | farms number                                 | 3,387<br>86,083             | 2,005<br>133,261                            | 2,379<br>242,266              | 191<br>3,327                         | 79<br>920                        | 94<br>461   |
| Cattle and calves sold .....                               | farms number                                 | 3,171<br>106,650            | 2,232<br>155,455                            | 2,395<br>175,770              | 128<br>2,823                         | 23<br>406                        | 37<br>194   |
| Calves weighing less than 500 pounds .....                 | farms number                                 | \$1,000<br>54,056           | 1,351<br>123,701                            | 69,161<br>1,758               | 41<br>287                            | 37<br>194                        | 343<br>5,730  |
| Cattle, including calves weighing 500 pounds or more ..... | farms number                                 | 2,730<br>62,172             | 2,232<br>151,075                            | 2,070<br>85,559               | 107<br>2,312                         | 20<br>384                        | 29<br>141   |
| Cattle on feed (see text) .....                            | farms number                                 | 308<br>3,405                | 2,232<br>145,806                            | 398<br>15,902                 | 52<br>1,175                          | 13<br>357                        | 8<br>27   |
| Hogs and pigs inventory .....                              | farms number                                 | 157<br>3,964                | 175<br>5,894                                | 127<br>17,554                 | 709<br>775,594                       | 44<br>22,900                     | 36<br>272   |
| Farms with-  |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 .....  |  | 130                         | 150   | 74                            | 240                                  | 32                               | 33  |
| 25 to 49 .....   |  | 11                          | 13  | 16                            | 61                                   | 1                                | 2   |
| 50 to 99 .....   |  | 7                           | 3   | 14                            | 47                                   | -                                | 1   |
| 100 to 199 .....   |  | 4                           | 3   | 14                            | 49                                   | -                                | -   |
| 200 to 499 .....   |  | 4                           | 3   | 6                             | 72                                   | 1                                | 8   |
| 500 or more .....  |  | 1                           | 3   | 3                             | 240                                  | 10                               | 9   |
| Used or to be used for breeding .....                      | farms number                                 | 53<br>402                   | 54<br>418                                   | 69<br>1,034                   | 392<br>93,773                        | 7<br>(D)                         | 15<br>42  |
| Other hogs and pigs .....                                  | farms number                                 | 136<br>3,562                | 164<br>5,476                                | 115<br>16,520                 | 677<br>681,821                       | 40<br>(D)                        | 216<br>31   |
| Hogs and pigs sold .....                                   | farms number                                 | 201<br>7,424                | 196<br>12,230                               | 135<br>37,527                 | 812<br>2,470,089                     | 31<br>60,960                     | 37<br>398   |
| Sheep and lambs of all ages inventory (see text) .....     | farms number                                 | 187<br>6,147                | 104<br>2,750                                | 79<br>1,575                   | 56<br>1,818                          | 76<br>867                        | 713<br>43,440   |
| Ewes 1 year old or older .....                             | farms number                                 | 150<br>3,641                | 93<br>1,720                                 | 64<br>935                     | 42<br>1,142                          | 70<br>473                        | 675<br>22,434   |
| Sheep and lambs sold .....                                 | farms number                                 | 96<br>5,569                 | 68<br>2,597                                 | 31<br>940                     | 21<br>986                            | 21<br>224                        | 613<br>37,365   |
| Horses and ponies inventory .....                          | farms number                                 | 1,201<br>6,062              | 565<br>2,470                                | 503<br>3,423                  | 201<br>942                           | 233<br>981                       | 357<br>1,884  |
| Horses and ponies sold .....                               | farms number                                 | 125<br>281                  | 67<br>129                                   | 101<br>244                    | 16<br>32                             | 6<br>8                           | 16<br>23  |
| Goats, All inventory .....                                 | farms number                                 | 222<br>1,188                | 110<br>663                                  | 77<br>499                     | 78<br>685                            | 109<br>847                       | 477<br>9,549  |
| Goats sold .....   | farms number                                 | 45<br>410                   | 41<br>217                                   | 19<br>113                     | 24<br>120                            | 34<br>207                        | 243<br>4,591  |
| <b>POULTRY</b>   |  |                             |   |                               |                                      |                                  |   |
| Layers 20 weeks old and older inventory .....              | farms number                                 | 383<br>10,571               | 239<br>5,844                                | 211<br>8,725                  | 126<br>3,780                         | 375<br>7,071,416                 | 213<br>4,392  |
| Farms with-  |  |                             |   |                               |                                      |                                  |   |
| 1 to 399 .....   |  | 382                         | 239   | 210                           | 126                                  | 337                              | 213   |
| 400 to 3,199 .....   |  | 1                           | -   | 1                             | -                                    | 14                               | 586   |
| 3,200 to 9,999 .....                                       |  | -                           | -   | -                             | -                                    | 5                                | -   |
| 10,000 to 19,999 .....                                     |  | -                           | -   | -                             | -                                    | -                                | -   |
| 20,000 to 49,999 .....                                     |  | -                           | -   | -                             | -                                    | 3                                | -   |
| 50,000 to 99,999 .....                                     |  | -                           | -   | -                             | -                                    | 4                                | -   |
| 100,000 or more .....                                      |  | -                           | -   | -                             | -                                    | 12                               | 1   |
| Pullets for laying flock replacement inventory .....       | farms number                                 | 71<br>1,632                 | 69<br>1,749                                 | 59<br>3,163                   | 31<br>638                            | 131<br>1,779,401                 | 69<br>2,219   |
| Layers and pullets sold (see text) .....                   | farms number                                 | 44<br>1,494                 | 65<br>2,211                                 | 37<br>3,210                   | 28<br>809                            | 185<br>6,946,949                 | 44<br>1,141   |
| Broilers and other meat-type chickens sold .....           | farms number                                 | 61<br>8,335                 | 74<br>4,609                                 | 29<br>10,916                  | 36<br>1,670                          | 140<br>3,956,230                 | 42<br>2,055   |
| Farms with-  |  |                             |   |                               |                                      |                                  |   |
| 1 to 1,999 .....   |  | 61                          | 74  | 28                            | 36                                   | 125                              | 42  |
| 2,000 to 59,999 .....                                      |  | -                           | -   | 1                             | -                                    | 6                                | 85  |
| 60,000 to 99,999 .....                                     |  | -                           | -   | -                             | -                                    | 1                                | 1   |
| 100,000 or more .....                                      |  | -                           | -   | -                             | -                                    | 8                                | -   |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Total               | Oilseed and grain farming (1111)   | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                                |                        |   |
|------------------------------------|---------------------|------------------------------------|------------------------------------|-----------------------------------|---|---------------------------|--------------------------------|------------------------|---|
|                                    |                     |                                    |                                    |                                   |   | Total                     | Tobacco farming (11191)        | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |
| <b>POULTRY - Con.</b>              |                     |                                    |                                    |                                   |   |                           |                                |                        |   |
| Turkeys inventory .....            | farms number        | 612<br>1,204,019                   | 56<br>518                          | 21<br>548                         | 8<br>(D)  | 10<br>39                  | 82<br>784                      | -                      | 82<br>784   |
| Turkeys sold .....                 | farms number        | 366<br>3,306,299                   | 25<br>513                          | 7<br>404                          | 6<br>(D)  | 8<br>44                   | 27<br>546                      | -                      | 27<br>546   |
| <b>CROPS HARVESTED</b>             |                     |                                    |                                    |                                   |   |                           |                                |                        |   |
| Corn for grain .....               | farms acres bushels | 13,613<br>2,007,021<br>234,709,542 | 8,508<br>1,405,399<br>163,893,421  | 298<br>51,502<br>6,148,157        | 86<br>5,259<br>503,456                                  | 65<br>2,156<br>205,217    | 1,204<br>117,030<br>14,336,864 | -                      | 1,204<br>117,030<br>14,336,864  |
| Irrigated .....                    | farms acres         | 180,261                            | 857<br>124,024                     | 546<br>20,938                     | 75<br>(D)   | 6<br>523                  | 42<br>8,794                    | -                      | 42<br>8,794   |
| Farms by acres harvested:          |                     |                                    |                                    |                                   |   |                           |                                |                        |   |
| 1 to 24 acres .....                |                     | 3,908                              | 1,897                              | 125                               | 44  | 46                        | 617                            | -                      | 617   |
| 25 to 99 acres .....               |                     | 4,694                              | 3,245                              | 59                                | 29  | 16                        | 314                            | -                      | 314   |
| 100 to 249 acres .....             |                     | 2,770                              | 1,798                              | 52                                | 10  | 2                         | 157                            | -                      | 157   |
| 250 to 499 acres .....             |                     | 1,318                              | 886                                | 29                                | 2   | -                         | 66                             | -                      | 66  |
| 500 acres or more .....            |                     | 923                                | 682                                | 33                                | 1   | 1                         | 50                             | -                      | 50  |
| Corn for silage or greenchop ..... | farms acres tons    | 3,362<br>233,601<br>3,447,251      | 548<br>30,963<br>461,710           | 21<br>1,903<br>21,655             | 11<br>260<br>4,120                                      | 8<br>147<br>2,203         | 319<br>15,078<br>223,608       | -                      | 319<br>15,078<br>223,608  |
| Irrigated .....                    | farms acres         | 125<br>9,918                       | 16<br>1,368                        | 7<br>357                          | -   | -                         | 3<br>244                       | -                      | 3<br>244  |
| Farms by acres harvested:          |                     |                                    |                                    |                                   |   |                           |                                |                        |   |
| 1 to 24 acres .....                |                     | 1,365                              | 306                                | 7                                 | 8   | 6                         | 170                            | -                      | 170   |
| 25 to 99 acres .....               |                     | 1,348                              | 187                                | 10                                | 2   | 2                         | 116                            | -                      | 116   |
| 100 to 249 acres .....             |                     | 493                                | 35                                 | 3                                 | 1   | -                         | 25                             | -                      | 25  |
| 250 to 499 acres .....             |                     | 94                                 | 9                                  | -                                 | -   | -                         | 3                              | -                      | 3   |
| 500 acres or more .....            |                     | 62                                 | 11                                 | 1                                 | -   | -                         | 5                              | -                      | 5   |
| Sorghum for grain .....            | farms acres bushels | 22<br>559<br>21,255                | 8<br>244<br>10,650                 | 2<br>(D)<br>(D)                   | 1<br>(D)<br>(D)   | 2<br>(D)<br>(D)           | 2<br>(D)<br>(D)                | -                      | 2<br>(D)<br>(D)   |
| Irrigated .....                    | farms acres         | 1<br>(D)                           | 1<br>(D)                           | -                                 | -   | -                         | -                              | -                      | -   |
| Farms by acres harvested:          |                     |                                    |                                    |                                   |   |                           |                                |                        |   |
| 1 to 24 acres .....                |                     | 15                                 | 4                                  | -                                 | 1   | 2                         | 2                              | -                      | 2   |
| 25 to 99 acres .....               |                     | 5                                  | 3                                  | 1                                 | -   | -                         | -                              | -                      | -   |
| 100 to 249 acres .....             |                     | 2                                  | 1                                  | 1                                 | -   | -                         | -                              | -                      | -   |
| 250 to 499 acres .....             |                     | -                                  | -                                  | -                                 | -   | -                         | -                              | -                      | -   |
| 500 acres or more .....            |                     | -                                  | -                                  | -                                 | -   | -                         | -                              | -                      | -   |
| Wheat for grain, All .....         | farms acres bushels | 6,561<br>433,783<br>28,248,938     | 4,557<br>325,087<br>21,200,490     | 138<br>15,401<br>959,296          | 24<br>433<br>24,406                                     | 20<br>675<br>42,212       | 545<br>29,874<br>2,065,917     | -                      | 545<br>29,874<br>2,065,917  |
| Irrigated .....                    | farms acres         | 81<br>5,396                        | 49<br>1,404                        | 13<br>3,397                       | -   | 1<br>(D)                  | 7<br>176                       | -                      | 7<br>176  |
| Farms by acres harvested:          |                     |                                    |                                    |                                   |   |                           |                                |                        |   |
| 1 to 24 acres .....                |                     | 2,291                              | 1,445                              | 42                                | 15  | 13                        | 255                            | -                      | 255   |
| 25 to 99 acres .....               |                     | 2,972                              | 2,119                              | 53                                | 9   | 6                         | 202                            | -                      | 202   |
| 100 to 249 acres .....             |                     | 1,047                              | 788                                | 32                                | -   | -                         | 75                             | -                      | 75  |
| 250 to 499 acres .....             |                     | 204                                | 169                                | 6                                 | -   | 1                         | 10                             | -                      | 10  |
| 500 acres or more .....            |                     | 47                                 | 36                                 | 5                                 | -   | -                         | 3                              | -                      | 3   |
| Barley for grain .....             | farms acres bushels | 400<br>11,620<br>576,461           | 91<br>3,315<br>176,981             | 16<br>436<br>21,637               | 2<br>(D)<br>(D)   | 2<br>(D)<br>(D)           | 60<br>1,687<br>79,941          | -                      | 60<br>1,687<br>79,941   |
| Irrigated .....                    | farms acres         | 7<br>63                            | -<br>(D)                           | 1<br>-                            | -   | -<br>(D)                  | 2<br>-                         | -<br>(D)               | 2<br>-  |
| Farms by acres harvested:          |                     |                                    |                                    |                                   |   |                           |                                |                        |   |
| 1 to 24 acres .....                |                     | 256                                | 55                                 | 14                                | 2   | 2                         | 36                             | -                      | 36  |
| 25 to 99 acres .....               |                     | 124                                | 30                                 | -                                 | -   | -                         | 20                             | -                      | 20  |
| 100 to 249 acres .....             |                     | 17                                 | 4                                  | 2                                 | -   | -                         | 4                              | -                      | 4   |
| 250 to 499 acres .....             |                     | 3                                  | 2                                  | -                                 | -   | -                         | -                              | -                      | -   |
| 500 acres or more .....            |                     | -                                  | -                                  | -                                 | -   | -                         | -                              | -                      | -   |
| Oats for grain .....               | farms acres bushels | 2,756<br>63,485<br>3,994,940       | 987<br>26,825<br>1,821,098         | 71<br>2,896<br>172,060            | 20<br>229<br>11,826                                     | 13<br>170<br>8,150        | 479<br>9,109<br>514,456        | -                      | 479<br>9,109<br>514,456   |
| Irrigated .....                    | farms acres         | 32<br>519                          | 11<br>184                          | 6<br>65                           | -   | -                         | 7<br>155                       | -                      | 7<br>155  |
| Farms by acres harvested:          |                     |                                    |                                    |                                   |   |                           |                                |                        |   |
| 1 to 24 acres .....                |                     | 1,972                              | 643                                | 45                                | 18  | 10                        | 372                            | -                      | 372   |
| 25 to 99 acres .....               |                     | 706                                | 299                                | 19                                | 2   | 3                         | 100                            | -                      | 100   |
| 100 to 249 acres .....             |                     | 75                                 | 43                                 | 6                                 | -   | -                         | 7                              | -                      | 7   |
| 250 to 499 acres .....             |                     | 2                                  | 2                                  | -                                 | -   | -                         | -                              | -                      | -   |
| 500 acres or more .....            |                     | 1                                  | -                                  | 1                                 | -   | -                         | -                              | -                      | -   |
| Sunflower seed, All .....          | farms acres pounds  | 91<br>2,275<br>3,381,523           | 47<br>1,481<br>2,280,186           | 11<br>59<br>60,450                | 3<br>4<br>2,700   | 3<br>4<br>(D)             | 14<br>610<br>984,985           | -                      | 14<br>610<br>984,985  |
| Irrigated .....                    | farms acres         | 3<br>(D)                           | 1<br>(D)                           | -<br>(D)                          | 1<br>-  | 1<br>(D)                  | 1<br>(D)                       | -                      | 1<br>(D)  |
| Farms by acres harvested:          |                     |                                    |                                    |                                   |   |                           |                                |                        |   |
| 1 to 24 acres .....                |                     | 78                                 | 38                                 | 11                                | 3   | 3                         | 11                             | -                      | 11  |
| 25 to 99 acres .....               |                     | 8                                  | 5                                  | -                                 | -   | -                         | 2                              | -                      | 2   |
| 100 to 249 acres .....             |                     | 4                                  | 4                                  | -                                 | -   | -                         | -                              | -                      | -   |
| 250 to 499 acres .....             |                     | 1                                  | -                                  | -                                 | -   | -                         | 1                              | -                      | 1   |
| 500 acres or more .....            |                     | -                                  | -                                  | -                                 | -   | -                         | -                              | -                      | -   |
| Soybeans for beans .....           | farms acres bushels | 11,683<br>2,055,424<br>78,197,248  | 9,216<br>1,715,123<br>64,583,208   | 222<br>37,346<br>1,420,969        | 46<br>4,522<br>184,363                                  | 55<br>3,596<br>125,182    | 607<br>71,801<br>2,975,560     | -                      | 607<br>71,801<br>2,975,560  |
| Irrigated .....                    | farms acres         | 558<br>84,180                      | 425<br>65,989                      | 40<br>6,565                       | 5<br>205  | 9<br>693                  | 20<br>3,266                    | -                      | 20<br>3,266   |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Beef cattle ranching and farming<br>(112111)   | Cattle feedlots<br>(112112) | Dairy cattle and milk production<br>(11212) | Hog and pig farming<br>(1122) | Poultry and egg production<br>(1123) | Sheep and goat farming<br>(1124) | Animal aquaculture and other animal production<br>(1125,1129) |
|------------------------------------|--|-----------------------------|---|-------------------------------|--------------------------------------|----------------------------------|---|
| <b>POULTRY - Con.</b>              |  |                             |   |                               |                                      |                                  |   |
| Turkeys inventory .....            | farms 47<br>number 348                         | 41<br>285                   | 31<br>477                                   | 42<br>264                     | 119<br>1,192,119                     | 42<br>262                        | 113<br>(D)  |
| Turkeys sold .....                 | farms 30<br>number 572                         | 36<br>286                   | 15<br>926                                   | 23<br>213                     | 112<br>3,288,900                     | 24<br>154                        | 53<br>(D)   |
| <b>CROPS HARVESTED</b>             |  |                             |   |                               |                                      |                                  |   |
| Corn for grain .....               | farms 555<br>acres 24,543<br>bushels 2,601,917 | 719<br>72,405<br>8,238,644  | 1,648<br>229,515<br>26,975,149              | 287<br>72,182<br>8,370,029    | 51<br>13,417<br>1,793,219            | 27<br>922<br>102,603             | 165<br>12,691<br>1,540,866                                    |
| Irrigated .....                    | farms 10<br>acres 476                          | 34<br>4,604                 | 79<br>8,189                                 | 38<br>9,272                   | 8<br>2,280                           | 2<br>(D)                         | 8<br>940  |
| Farms by acres harvested:          |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 acres .....                | 368  | 322                         | 293   | 62                            | 16                                   | 18                               | 100   |
| 25 to 99 acres .....               | 131  | 236                         | 542   | 77                            | 8                                    | 7                                | 30  |
| 100 to 249 acres .....             | 33   | 89                          | 542   | 52                            | 10                                   | 1                                | 24  |
| 250 to 499 acres .....             | 17   | 38                          | 210   | 56                            | 7                                    | 1                                | 6   |
| 500 acres or more .....            | 6  | 34                          | 61  | 40                            | 10                                   | -                                | 5   |
| Corn for silage or greenchop ..... | farms 321<br>acres 8,833<br>tons 109,920       | 326<br>19,831<br>291,117    | 1,718<br>154,892<br>2,309,110               | 27<br>577<br>7,307            | 5<br>(D)<br>(D)                      | 6<br>(D)<br>(D)                  | 52<br>832<br>10,694   |
| Irrigated .....                    | farms 4<br>acres 157                           | 7<br>245                    | 85<br>7,411                                 | -<br>(D)                      | 1<br>(D)                             | -<br>(D)                         | 2<br>(D)  |
| Farms by acres harvested:          |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 acres .....                | 221  | 147                         | 432   | 20                            | 3                                    | 6                                | 39  |
| 25 to 99 acres .....               | 83   | 126                         | 802   | 6                             | 1                                    | -                                | 13  |
| 100 to 249 acres .....             | 16   | 40                          | 371   | 1                             | 1                                    | -                                | -   |
| 250 to 499 acres .....             | 1  | 8                           | 73  | -                             | -                                    | -                                | -   |
| 500 acres or more .....            | -  | 5                           | 40  | -                             | -                                    | -                                | -   |
| Sorghum for grain .....            | farms -<br>acres -<br>bushels -                | 1<br>(D)<br>(D)             | 3<br>56<br>2,730                            | -<br>-                        | 1<br>(D)<br>(D)                      | -<br>-                           | 2<br>(D)<br>(D)   |
| Irrigated .....                    | farms -<br>acres -                             | -<br>-                      | -<br>-                                      | -<br>-                        | -<br>-                               | -<br>-                           | -   |
| Farms by acres harvested:          |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 acres .....                | -  | 1                           | 2   | -                             | 1                                    | -                                | 2   |
| 25 to 99 acres .....               | -  | -                           | 1   | -                             | -                                    | -                                | -   |
| 100 to 249 acres .....             | -  | -                           | -   | -                             | -                                    | -                                | -   |
| 250 to 499 acres .....             | -  | -                           | -   | -                             | -                                    | -                                | -   |
| 500 acres or more .....            | -  | -                           | -   | -                             | -                                    | -                                | -   |
| Wheat for grain, All .....         | farms 135<br>acres 3,700<br>bushels 213,524    | 264<br>12,706<br>842,258    | 675<br>34,736<br>2,221,987                  | 119<br>7,904<br>483,046       | 13<br>507<br>29,849                  | 10<br>207<br>11,347              | 61<br>2,553<br>154,606  |
| Irrigated .....                    | farms 1<br>acres (D)                           | 4<br>46                     | 4<br>(D)                                    | 1<br>(D)                      | -<br>(D)                             | 1<br>(D)                         | -   |
| Farms by acres harvested:          |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 acres .....                | 82   | 117                         | 239   | 33                            | 5                                    | 7                                | 38  |
| 25 to 99 acres .....               | 47   | 110                         | 341   | 62                            | 6                                    | 3                                | 14  |
| 100 to 249 acres .....             | 6  | 32                          | 86  | 18                            | 2                                    | -                                | 8   |
| 250 to 499 acres .....             | -  | 4                           | 8   | 6                             | -                                    | -                                | -   |
| 500 acres or more .....            | -  | 1                           | 1   | -                             | -                                    | -                                | 1   |
| Barley for grain .....             | farms 38<br>acres 540<br>bushels 25,547        | 41<br>944<br>46,623         | 124<br>4,254<br>205,676                     | 10<br>227<br>10,042           | 3<br>64<br>(D)                       | 3<br>32<br>1,300                 | 10<br>90<br>3,906   |
| Irrigated .....                    | farms -<br>acres -                             | -<br>-                      | -<br>51                                     | -<br>-                        | -<br>-                               | -<br>-                           | -   |
| Farms by acres harvested:          |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 acres .....                | 31   | 30                          | 63  | 8                             | 2                                    | 3                                | 10  |
| 25 to 99 acres .....               | 7  | 10                          | 54  | 2                             | 1                                    | -                                | -   |
| 100 to 249 acres .....             | -  | 1                           | 6   | -                             | -                                    | -                                | -   |
| 250 to 499 acres .....             | -  | -                           | 1   | -                             | -                                    | -                                | -   |
| 500 acres or more .....            | -  | -                           | -   | -                             | -                                    | -                                | -   |
| Oats for grain .....               | farms 251<br>acres 3,725<br>bushels 201,436    | 196<br>2,856<br>170,016     | 616<br>15,752<br>977,498                    | 36<br>641<br>39,419           | 5<br>156<br>(D)                      | 18<br>152<br>(D)                 | 64<br>974<br>61,123   |
| Irrigated .....                    | farms 2<br>acres (D)                           | 3<br>10                     | 3<br>(D)                                    | -<br>(D)                      | -<br>-                               | -<br>-                           | -   |
| Farms by acres harvested:          |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 acres .....                | 209  | 171                         | 401   | 28                            | 4                                    | 18                               | 53  |
| 25 to 99 acres .....               | 41   | 24                          | 199   | 8                             | -                                    | -                                | 11  |
| 100 to 249 acres .....             | 1  | 1                           | 16  | -                             | 1                                    | -                                | -   |
| 250 to 499 acres .....             | -  | -                           | -   | -                             | -                                    | -                                | -   |
| 500 acres or more .....            | -  | -                           | -   | -                             | -                                    | -                                | -   |
| Sunflower seed, All .....          | farms 6<br>acres 54<br>pounds 21,025           | 2<br>(D)<br>(D)             | 3<br>(D)<br>(D)                             | -<br>-                        | -<br>-                               | -<br>-                           | 2<br>(D)<br>(D)   |
| Irrigated .....                    | farms -<br>acres -                             | -<br>-                      | -<br>-                                      | -<br>-                        | -<br>-                               | -<br>-                           | -   |
| Farms by acres harvested:          |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 acres .....                | 6  | 2                           | 2   | -                             | -                                    | -                                | 2   |
| 25 to 99 acres .....               | -  | -                           | 1   | -                             | -                                    | -                                | -   |
| 100 to 249 acres .....             | -  | -                           | -   | -                             | -                                    | -                                | -   |
| 250 to 499 acres .....             | -  | -                           | -   | -                             | -                                    | -                                | -   |
| 500 acres or more .....            | -  | -                           | -   | -                             | -                                    | -                                | -   |
| Soybeans for beans .....           | farms 168<br>acres 12,903<br>bushels 503,883   | 333<br>46,432<br>1,755,173  | 694<br>101,061<br>4,046,612                 | 217<br>45,694<br>1,895,523    | 35<br>6,650<br>294,250               | 9<br>829<br>37,543               | 81<br>9,467<br>374,982  |
| Irrigated .....                    | farms -<br>acres -                             | -<br>1,898                  | 12<br>1,072                                 | 18<br>3,610                   | 21<br>440                            | 4<br>(D)                         | 3<br>(D)  |

See footnote(s) at end of table.

-continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                       | Oilseed and grain farming (1111) | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                               |                        |   |
|--|-----------------------------|----------------------------------|------------------------------------|-----------------------------------|---|---------------------------|-------------------------------|------------------------|---|
|  |                             |                                  |                                    |                                   |   | Total                     | Tobacco farming (11191)       | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |
| <b>CROPS HARVESTED - Con.</b>  |                             |                                  |                                    |                                   |   |                           |                               |                        |   |
| Soybeans for beans - Con.  |                             |                                  |                                    |                                   |   |                           |                               |                        |   |
| Farms by acres harvested:  |                             |                                  |                                    |                                   |   |                           |                               |                        |   |
| 1 to 24 acres .....  | 2,079                       | 1,493                            | 50                                 | 15                                | 25  | 191                       | -                             | -                      | 191   |
| 25 to 99 acres .....   | 4,526                       | 3,597                            | 78                                 | 19                                | 21  | 235                       | -                             | -                      | 235   |
| 100 to 249 acres .....   | 2,706                       | 2,147                            | 53                                 | 8                                 | 6   | 101                       | -                             | -                      | 101   |
| 250 to 499 acres .....   | 1,357                       | 1,102                            | 24                                 | 3                                 | 2   | 50                        | -                             | -                      | 50  |
| 500 acres or more .....  | 1,015                       | 877                              | 17                                 | 1                                 | 1   | 30                        | -                             | -                      | 30  |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 1,587<br>259,026<br>4,882,193    | 1,150<br>177,132<br>3,317,080      | 45<br>7,484<br>137,007            | 1<br>(D)<br>(D)   | 2<br>(D)<br>(D)           | 247<br>54,827<br>1,027,337    | -                      | 247<br>54,827<br>1,027,337  |
| Irrigated .....  | farms<br>acres              | 82                               | 47                                 | 17                                | -   | 1                         | 11                            | -                      | 11  |
| Farms by acres harvested:  |                             |                                  |                                    |                                   |   |                           |                               |                        |   |
| 1 to 24 acres .....  | 239                         | 176                              | 14                                 | 1                                 | 1   | 21                        | -                             | -                      | 21  |
| 25 to 99 acres .....   | 594                         | 448                              | 9                                  | -                                 | 1   | 74                        | -                             | -                      | 74  |
| 100 to 249 acres .....   | 419                         | 292                              | 13                                 | -                                 | -   | 77                        | -                             | -                      | 77  |
| 250 to 499 acres .....   | 236                         | 170                              | 6                                  | -                                 | -   | 49                        | -                             | -                      | 49  |
| 500 acres or more .....  | 99                          | 64                               | 3                                  | -                                 | -   | 26                        | -                             | -                      | 26  |
| Potatoes .....   | farms<br>acres<br>cwt       | 395<br>45,840<br>14,212,892      | 32<br>354<br>105,042               | 262<br>43,750<br>13,603,196       | 10<br>10<br>704   | 9<br>16<br>417            | 40<br>1,297<br>381,108        | -                      | 40<br>1,297<br>381,108  |
| Irrigated .....  | farms<br>acres              | 191                              | 7                                  | 152                               | 3   | 4                         | 17                            | -                      | 17  |
| Farms by acres harvested:  |                             |                                  |                                    |                                   |   |                           |                               |                        |   |
| 0.1 to 4.9 acres .....   | 215                         | 16                               | 121                                | 9                                 | 7   | 26                        | -                             | -                      | 26  |
| 5.0 to 24.9 acres .....  | 44                          | 11                               | 24                                 | 1                                 | 2   | 3                         | -                             | -                      | 3   |
| 25.0 to 99.9 acres .....   | 47                          | 4                                | 37                                 | -                                 | -   | 5                         | -                             | -                      | 5   |
| 100.0 to 249.9 acres .....   | 45                          | 1                                | 38                                 | -                                 | -   | 4                         | -                             | -                      | 4   |
| 250.0 acres or more .....  | 44                          | -                                | 42                                 | -                                 | -   | 2                         | -                             | -                      | 2   |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 989<br>180,054<br>3,324,568      | 553<br>90,242<br>1,619,797         | 31<br>4,141<br>73,713             | -<br>-  | -<br>-                    | 331<br>70,220<br>1,333,921    | -                      | 331<br>70,220<br>1,333,921  |
| Irrigated .....  | farms<br>acres              | 46<br>(D)                        | 19<br>1,496                        | 10<br>1,218                       | -<br>-  | -<br>-                    | 16<br>1,042                   | -                      | 16<br>1,042   |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 22,067<br>1,212,603<br>3,557,828 | 3,713<br>133,835<br>398,777        | 306<br>13,253<br>36,802           | 231<br>5,563<br>12,029                                  | 192<br>5,033<br>10,500    | 9,094<br>407,826<br>1,097,093 | -                      | 9,094<br>407,826<br>1,097,093   |
| Irrigated .....  | farms<br>acres              | 454<br>17,414                    | 81<br>3,043                        | 23<br>356                         | 14<br>103   | 6<br>25                   | 143<br>3,706                  | -                      | 143<br>3,706  |
| Farms by acres harvested:  |                             |                                  |                                    |                                   |   |                           |                               |                        |   |
| 1 to 24 acres .....  | 10,974                      | 2,203                            | 193                                | 167                               | 135   | 4,770                     | -                             | -                      | 4,770   |
| 25 to 99 acres .....   | 7,871                       | 1,239                            | 77                                 | 58                                | 48  | 3,392                     | -                             | -                      | 3,392   |
| 100 to 249 acres .....   | 2,381                       | 215                              | 25                                 | 4                                 | 8   | 728                       | -                             | -                      | 728   |
| 250 to 499 acres .....   | 632                         | 41                               | 7                                  | 2                                 | 1   | 152                       | -                             | -                      | 152   |
| 500 acres or more .....  | 209                         | 15                               | 4                                  | -                                 | -   | 52                        | -                             | -                      | 52  |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 18,122<br>806,713<br>2,355,909   | 3,144<br>98,518<br>295,160         | 252<br>9,871<br>27,935            | 171<br>4,119<br>9,286                                   | 123<br>3,523<br>7,904     | 7,475<br>311,975<br>902,109   | -                      | 7,475<br>311,975<br>902,109   |
| Irrigated .....  | farms<br>acres              | 305<br>7,580                     | 53<br>1,284                        | 19<br>314                         | 12<br>122   | 5<br>17                   | 100<br>2,300                  | -                      | 100<br>2,300  |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 3,762<br>149,403<br>267,751      | 483<br>10,857<br>18,599            | 47<br>1,490<br>2,830              | 50<br>879<br>1,075                                      | 39<br>823<br>1,900        | 1,504<br>63,199<br>110,081    | -                      | 1,504<br>63,199<br>110,081  |
| Irrigated .....  | farms<br>acres              | 65<br>1,149                      | 9<br>80                            | 3<br>(D)                          | 1<br>(D)  | -                         | 29<br>662                     | -                      | 29<br>662   |
| Land used for vegetables (see text) .....  | farms<br>acres              | 2,519<br>135,428<br>817          | 219<br>12,240<br>67                | 1,495<br>98,797<br>496            | 232<br>5,017<br>96                                      | 161<br>1,915<br>59        | 212<br>15,542<br>50           | -                      | 212<br>15,542<br>50   |
| Irrigated .....  | farms<br>acres              | 60,186                           | 5,573                              | 47,198                            | 1,227   | 274                       | 5,374                         | -                      | 5,374   |
| Farms by acres harvested:  |                             |                                  |                                    |                                   |   |                           |                               |                        |   |
| 0.1 to 4.9 acres .....   | 1,039                       | 81                               | 518                                | 104                               | 94  | 102                       | -                             | -                      | 102   |
| 5.0 to 24.9 acres .....  | 732                         | 61                               | 458                                | 70                                | 52  | 43                        | -                             | -                      | 43  |
| 25.0 to 99.9 acres .....   | 415                         | 45                               | 284                                | 47                                | 11  | 24                        | -                             | -                      | 24  |
| 100.0 to 249.9 acres .....   | 194                         | 20                               | 129                                | 11                                | 4   | 23                        | -                             | -                      | 23  |
| 250.0 acres or more .....  | 139                         | 12                               | 106                                | -                                 | -   | 20                        | -                             | -                      | 20  |
| Snap beans harvested for sale .....  | farms<br>acres              | 502<br>20,726                    | 42<br>5,200                        | 336<br>12,341                     | 27<br>36  | 26<br>28                  | 38<br>2,234                   | -                      | 38<br>2,234   |
| Harvested for processing .....   | farms<br>acres              | 107<br>17,212                    | 32<br>4,945                        | 55<br>9,687                       | 1<br>(D)  | 1<br>(D)                  | 10<br>1,878                   | -                      | 10<br>1,878   |
| Peas, green, harvested for sale .....  | farms<br>acres              | 160<br>1,149                     | 1<br>(D)                           | 120<br>1,034                      | 13<br>10  | 11<br>(D)                 | 8<br>(D)                      | -                      | 8<br>(D)  |
| Harvested for processing .....   | farms<br>acres              | 7<br>1,001                       | -<br>(D)                           | 5<br>(D)                          | 1<br>(D)  | -<br>(D)                  | 1<br>(D)                      | -                      | 1<br>(D)  |
| Sweet corn harvested for sale .....  | farms<br>acres              | 982<br>10,885                    | 84<br>892                          | 598<br>8,207                      | 72<br>681   | 60<br>435                 | 74<br>428                     | -                      | 74<br>428   |
| Harvested for processing .....   | farms<br>acres              | 92<br>527                        | 11<br>52                           | 48<br>311                         | 5<br>49   | 5<br>20                   | 6<br>54                       | -                      | 6<br>54   |
| Tomatoes harvested for sale .....  | farms<br>acres              | 831<br>6,041                     | 25<br>67                           | 589<br>4,955                      | 60<br>77  | 57<br>120                 | 51<br>800                     | -                      | 51<br>800   |
| Harvested for processing .....   | farms<br>acres              | 72<br>3,861                      | 1<br>(D)                           | 44<br>(D)                         | 5<br>12   | 8<br>9                    | 3<br>(D)                      | -                      | 3<br>(D)  |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Beef cattle ranching and farming<br>(112111) | Cattle feedlots<br>(112112) | Dairy cattle and milk production<br>(11212) | Hog and pig farming<br>(1122) | Poultry and egg production<br>(1123) | Sheep and goat farming<br>(1124) | Animal aquaculture and other animal production<br>(1125,1129) |
|--|--|-----------------------------|---|-------------------------------|--------------------------------------|----------------------------------|---|
| <b>CROPS HARVESTED - Con.</b>  |  |                             |   |                               |                                      |                                  |   |
| Soybeans for beans - Con.  |  |                             |   |                               |                                      |                                  |   |
| Farms by acres harvested:  |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 acres .....  | 72   | 79                          | 75  | 36                            | 7                                    | 4                                | 32  |
| 25 to 99 acres .....   | 58   | 143                         | 280   | 60                            | 6                                    | 3                                | 26  |
| 100 to 249 acres .....   | 24   | 58                          | 226   | 58                            | 12                                   | 1                                | 12  |
| 250 to 499 acres .....   | 9  | 28                          | 83  | 43                            | 8                                    | -                                | 5   |
| 500 acres or more .....  | 5  | 25                          | 30  | 20                            | 2                                    | 1                                | 6   |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt<br>15,884              | 13<br>901<br>191,188        | 44<br>8,886<br>123,075                      | 64<br>6,442<br>41,175         | 15<br>2,609<br>-                     | -<br>-                           | 6<br>(D)<br>(D)   |
| Irrigated .....  | farms<br>acres                               | -                           | 1   | 2                             | 1                                    | -                                | 2<br>(D)  |
| Farms by acres harvested:  |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 acres .....  | 3  | 11                          | 6   | 5                             | -                                    | -                                | 1   |
| 25 to 99 acres .....   | 7  | 17                          | 34  | 2                             | -                                    | -                                | 2   |
| 100 to 249 acres .....   | 3  | 7                           | 20  | 5                             | -                                    | -                                | 2   |
| 250 to 499 acres .....   | -  | 5                           | 3   | 2                             | -                                    | -                                | 1   |
| 500 acres or more .....  | -  | 4                           | 1   | 1                             | -                                    | -                                | -   |
| Potatoes .....   | farms<br>acres<br>cwt<br>8,655               | 9<br>38<br>770              | 5<br>(D)                                    | 15<br>(D)<br>(D)              | 4<br>4<br>1                          | 4<br>106<br>(D)                  | 5<br>2<br>148   |
| Irrigated .....  | farms<br>acres                               | 3                           | -   | 3                             | 1                                    | -                                | -   |
| Farms by acres harvested:  |  |                             |   |                               |                                      |                                  |   |
| 0.1 to 4.9 acres .....   | 6  | 5                           | 13  | 3                             | 4                                    | -                                | 5   |
| 5.0 to 24.9 acres .....  | 3  | -                           | -   | -                             | -                                    | -                                | -   |
| 25.0 to 99.9 acres .....   | -  | -                           | -   | 1                             | -                                    | -                                | -   |
| 100.0 to 249.9 acres .....   | -  | -                           | 2   | -                             | -                                    | -                                | -   |
| 250.0 acres or more .....  | -  | -                           | -   | -                             | -                                    | -                                | -   |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons<br>13,643             | 5<br>648<br>7,556           | 21<br>144,196                               | 36<br>5,110<br>97,158         | 8<br>1,741<br>33,617                 | -<br>-                           | 4<br>396<br>8,523   |
| Irrigated .....  | farms<br>acres                               | -                           | 1   | -                             | -                                    | -                                | -   |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry<br>313,245       | 2,476<br>139,918<br>76,792  | 1,554<br>375,366<br>204,265                 | 2,283<br>8,471<br>1,368,603   | 244<br>2,010<br>23,785               | 123<br>4,261<br>4,261            | 352<br>9,005<br>16,638  |
| Irrigated .....  | farms<br>acres                               | 33<br>797                   | 26<br>698                                   | 80<br>7,994                   | 9<br>222                             | 4<br>(D)                         | 2<br>(D)<br>463   |
| Farms by acres harvested:  |  |                             |   |                               |                                      |                                  |   |
| 1 to 24 acres .....  | 1,001  | 665                         | 245   | 145                           | 105                                  | 230                              | 1,115   |
| 25 to 99 acres .....   | 1,105  | 699                         | 720   | 79                            | 15                                   | 111                              | 328   |
| 100 to 249 acres .....   | 301  | 155                         | 866   | 17                            | 3                                    | 9                                | 50  |
| 250 to 499 acres .....   | 51   | 30                          | 339   | 3                             | -                                    | 2                                | 4   |
| 500 acres or more .....  | 18   | 5                           | 113   | -                             | -                                    | -                                | 2   |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry<br>222,353       | 2,019<br>93,108<br>58,883   | 1,352<br>157,275                            | 1,969<br>649,407              | 188<br>16,786                        | 84<br>3,196                      | 275<br>5,310<br>53,437  |
| Irrigated .....  | farms<br>acres                               | 25<br>611                   | 14<br>271                                   | 44<br>2,315                   | 7<br>(D)                             | -<br>(D)                         | 2<br>24<br>247  |
| Other tame hay .....   | farms<br>acres<br>tons, dry<br>57,927        | 527<br>32,500<br>8,581      | 269<br>17,440                               | 253<br>40,265                 | 38<br>1,037<br>1,506                 | 31<br>398<br>578                 | 95<br>2,924<br>4,181  |
| Irrigated .....  | farms<br>acres                               | 7<br>53                     | 3<br>36                                     | 4<br>90                       | -<br>-                               | -<br>(D)                         | 8<br>202  |
| Land used for vegetables (see text) .....  | farms<br>acres                               | 44<br>119                   | 36<br>427                                   | 60<br>828                     | 12<br>204                            | 14<br>(D)                        | 5<br>3<br>-   |
| Irrigated .....  | farms<br>acres                               | 8<br>24                     | 10<br>110                                   | 16<br>30                      | 1<br>(D)                             | 6<br>(D)                         | -<br>(D)  |
| Farms by acres harvested:  |  |                             |   |                               |                                      |                                  |   |
| 0.1 to 4.9 acres .....   | 33   | 24                          | 34  | 9                             | 12                                   | 5                                | 23  |
| 5.0 to 24.9 acres .....  | 11   | 9                           | 21  | -                             | 1                                    | -                                | 6   |
| 25.0 to 99.9 acres .....   | -  | -                           | 2   | 2                             | -                                    | -                                | -   |
| 100.0 to 249.9 acres .....   | -  | 3                           | 3   | 1                             | -                                    | -                                | -   |
| 250.0 acres or more .....  | -  | -                           | -   | -                             | 1                                    | -                                | -   |
| Snap beans harvested for sale .....  | farms<br>acres                               | 2<br>(D)                    | 7<br>209                                    | 10<br>487                     | 5<br>190                             | 2<br>(D)                         | -<br>(D)  |
| Harvested for processing .....   | farms<br>acres                               | -<br>(D)                    | 2<br>384                                    | 3<br>(D)                      | -<br>-                               | -<br>-                           | 2<br>(D)  |
| Peas, green, harvested for sale .....  | farms<br>acres                               | 1<br>(D)                    | 3<br>1                                      | 1<br>(D)                      | -<br>-                               | 1<br>(D)                         | -<br>(D)  |
| Harvested for processing .....   | farms<br>acres                               | -<br>(D)                    | -<br>-                                      | -<br>-                        | -<br>-                               | -<br>-                           | -<br>(D)  |
| Sweet corn harvested for sale .....  | farms<br>acres                               | 22<br>49                    | 12<br>22                                    | 31<br>121                     | 8<br>12                              | 3<br>5                           | 3<br>3  |
| Harvested for processing .....   | farms<br>acres                               | 3<br>(D)                    | 2<br>(D)                                    | 6<br>18                       | 2<br>(D)                             | 2<br>(D)                         | 2<br>(D)  |
| Tomatoes harvested for sale .....  | farms<br>acres                               | 10<br>6                     | 8<br>(D)                                    | 17<br>8                       | 1<br>(D)                             | 3<br>1                           | -<br>-  |
| Harvested for processing .....   | farms<br>acres                               | 2<br>(D)                    | 2<br>(D)                                    | 5<br>(D)                      | -<br>-                               | -<br>-                           | 2<br>(D)  |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                        | Oilseed and grain farming (1111) | Vegetable and melon farming (1112) | Fruit and tree nut farming (1113) | Greenhouse, nursery, and floriculture production (1114) | Other crop farming (1119) |                         |                        |   |
|---|------------------------------|----------------------------------|------------------------------------|-----------------------------------|---|---------------------------|-------------------------|------------------------|---|
|   |                              |                                  |                                    |                                   |   | Total                     | Tobacco farming (11191) | Cotton farming (11192) | Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199) |
| <b>CROPS HARVESTED - Con.</b>                 |                              |                                  |                                    |                                   |   |                           |                         |                        |   |
| Field and grass seed crops, All               | farms                        | 112                              | 42                                 | 5                                 | 2   | 42                        | -                       | -                      | 42  |
| Irrigated                                     | acres                        | 3,311                            | 1,652                              | 194                               | (D)   | 1,020                     | -                       | -                      | 1,020   |
|   | farms                        | 1                                | -                                  | -                                 | -   | 1                         | -                       | -                      | 1   |
|   | acres                        | (D)                              | -                                  | -                                 | -   | (D)                       | -                       | -                      | (D)   |
| All land in orchards                          | farms                        | 2,601                            | 115                                | 217                               | 1,837   | 131                       | 173                     | -                      | 173   |
| Irrigated                                     | acres                        | 118,166                          | 2,050                              | 6,862                             | 102,129   | 1,471                     | 4,130                   | -                      | 4,130   |
|   | farms                        | 478                              | 7                                  | 49                                | 368   | 27                        | 18                      | -                      | 18  |
|   | acres                        | 13,264                           | (D)                                | 1,037                             | 10,677  | 166                       | 1,237                   | -                      | 1,237   |
| Farms by bearing and nonbearing acres:        |                              |                                  |                                    |                                   |   |                           |                         |                        |   |
| 0.1 to 4.9 acres                              |                              | 943                              | 70                                 | 96                                | 498   | 84                        | 103                     | -                      | 103   |
| 5.0 to 24.9 acres                             |                              | 805                              | 32                                 | 60                                | 615   | 36                        | 41                      | -                      | 41  |
| 25.0 to 99.9 acres                            |                              | 539                              | 6                                  | 36                                | 459   | 8                         | 20                      | -                      | 20  |
| 100.0 to 249.9 acres                          |                              | 216                              | 6                                  | 23                                | 173   | 3                         | 6                       | -                      | 6   |
| 250.0 acres or more                           |                              | 98                               | 1                                  | 2                                 | 92  | -                         | 3                       | -                      | 3   |
| Apples  | farms                        | 1,750                            | 70                                 | 155                               | 1,204   | 90                        | 130                     | -                      | 130   |
|   | Bearing and nonbearing acres | 50,539                           | 394                                | 3,158                             | 44,052  | 365                       | 2,051                   | -                      | 2,051   |
| Grapes  | farms                        | 678                              | 42                                 | 56                                | 488   | 30                        | 34                      | -                      | 34  |
|   | Bearing and nonbearing acres | 13,420                           | 1,261                              | 546                               | 10,896  | 422                       | 260                     | -                      | 260   |
| Peaches, All                                  | farms                        | 732                              | 28                                 | 103                               | 493   | 35                        | 46                      | -                      | 46  |
|   | Bearing and nonbearing acres | 6,326                            | 67                                 | 701                               | 5,316   | 85                        | 146                     | -                      | 146   |
| Pecans  | farms                        | 1                                | -                                  | -                                 | 1   | -                         | -                       | -                      | -   |
|   | Bearing and nonbearing acres | (D)                              | -                                  | -                                 | (D)   | -                         | -                       | -                      | -   |
| Walnuts, English                              | farms                        | 19                               | 1                                  | 2                                 | 11  | -                         | 4                       | -                      | 4   |
|   | Bearing and nonbearing acres | 114                              | (D)                                | (D)                               | 79  | -                         | 34                      | -                      | 34  |
| Land in berries harvested for sale (see text) | farms                        | 1,051                            | 29                                 | 127                               | 756   | 34                        | 50                      | -                      | 50  |
| Irrigated                                     | acres                        | 19,289                           | 135                                | 565                               | 18,096  | 283                       | 176                     | -                      | 176   |
|   | farms                        | 513                              | 9                                  | 66                                | 384   | 15                        | 25                      | -                      | 25  |
|   | acres                        | 11,902                           | 71                                 | 226                               | 11,422  | 56                        | 109                     | -                      | 109   |

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Beef cattle ranching and farming<br>(112111) | Cattle feedlots<br>(112112) | Dairy cattle and milk production<br>(11212) | Hog and pig farming<br>(1122) | Poultry and egg production<br>(1123) | Sheep and goat farming<br>(1124) | Animal aquaculture and other animal production<br>(1125,1129) |
|---|--|-----------------------------|---|-------------------------------|--------------------------------------|----------------------------------|---|
| <b>CROPS HARVESTED - Con.</b>                 |  |                             |   |                               |                                      |                                  |   |
| Field and grass seed crops, All               | farms 7<br>acres 199                         | 2<br>(D)                    | 5<br>123                                    | 1<br>(D)                      | -                                    | 4<br>19                          | -   |
| Irrigated                                     | farms -<br>acres -                           | -<br>-                      | -<br>-                                      | -<br>-                        | -                                    | -                                | -   |
| All land in orchards                          | farms 18<br>acres 97                         | 19<br>478                   | 26<br>560                                   | 4<br>(D)                      | 13<br>31                             | 11<br>(D)                        | 37<br>289   |
| Irrigated                                     | farms -<br>acres -                           | 1<br>(D)                    | 2<br>(D)                                    | -<br>-                        | 2<br>(D)                             | -                                | 4<br>4  |
| Farms by bearing and nonbearing acres:        |  |                             |   |                               |                                      |                                  |   |
| 0.1 to 4.9 acres                              | 13   | 11                          | 13  | 3                             | 10                                   | 10                               | 32  |
| 5.0 to 24.9 acres                             | 4  | 4                           | 7   | 1                             | 3                                    | 1                                | 2   |
| 25.0 to 99.9 acres                            | 1  | 2                           | 4   | 1                             | -                                    | -                                | 2   |
| 100.0 to 249.9 acres                          | -  | 2                           | 2   | -                             | -                                    | -                                | 1   |
| 250.0 acres or more                           | -  | -                           | -   | -                             | -                                    | -                                | -   |
| Apples  | farms 14<br>Bearing and nonbearing acres 46  | 13<br>23                    | 20<br>256                                   | 4<br>(D)                      | 12<br>25                             | 7<br>(D)                         | 31<br>112   |
| Grapes  | farms 6<br>Bearing and nonbearing acres (D)  | 3<br>(D)                    | 4<br>(D)                                    | -<br>-                        | 4<br>1                               | 2<br>(D)                         | 9<br>4  |
| Peaches, All                                  | farms 5<br>Bearing and nonbearing acres 1    | 6<br>5                      | 4<br>1                                      | 2<br>(D)                      | 2<br>(D)                             | 1<br>(D)                         | 7<br>2  |
| Pecans  | farms -<br>Bearing and nonbearing acres -    | -<br>-                      | -<br>-                                      | -<br>-                        | -<br>-                               | -                                | -   |
| Walnuts, English                              | farms -<br>Bearing and nonbearing acres -    | -<br>-                      | -<br>-                                      | -<br>-                        | -<br>-                               | -                                | 1<br>(D)  |
| Land in berries harvested for sale (see text) | farms 15<br>acres 4                          | 2<br>(D)                    | 23<br>12                                    | 1<br>(D)                      | 4<br>1                               | 1<br>(D)                         | 9<br>4  |
| Irrigated                                     | farms 4<br>acres 2                           | 1<br>(D)                    | 6<br>4                                      | 1<br>(D)                      | -<br>-                               | -                                | 2<br>(D)  |

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total farming<br>and other<br>occupations | Farming    |                         |          |          |           |           |             |           |
|---|---|------------|-------------------------|----------|----------|-----------|-----------|-------------|-----------|
|   |   | Total      | Age of operator (years) |          |          |           |           |             |           |
|   |   |            | Under 25                | 25 to 34 | 35 to 44 | 45 to 54  | 55 to 64  | 65 and over |           |
| <b>F FARMS AND LAND IN FARMS</b>  |   |            |                         |          |          |           |           |             |           |
| Farms .....   | number                                    | 53,315     | 29,071                  | 251      | 1,321    | 5,141     | 6,986     | 6,936       | 8,436     |
|   | percent                                   | 100.0      | 54.5                    | 0.5      | 2.5      | 9.6       | 13.1      | 13.0        | 15.8      |
| Land in farms .....   | acres                                     | 10,142,958 | 8,027,034               | 48,868   | 325,483  | 1,569,619 | 2,288,237 | 2,017,937   | 1,776,890 |
| Average size of farm .....  | acres                                     | 190        | 276                     | 195      | 246      | 305       | 328       | 291         | 211       |
| <b>M MARKET VALUE OF AGRICULTURAL<br/>PRODUCTS SOLD AND GOVERNMENT<br/>PAYMENTS</b> |   |            |                         |          |          |           |           |             |           |
| Total (see text) .....  | farms                                     | 53,315     | 29,071                  | 251      | 1,321    | 5,141     | 6,986     | 6,936       | 8,436     |
| Average per farm .....  | \$1,000<br>dollars                        | 3,917,205  | 3,479,279               | 17,464   | 180,289  | 828,769   | 1,107,086 | 873,093     | 472,578   |
| Farms by economic class:  |   |            |                         |          |          |           |           |             |           |
| Less than \$1,000 (see text) .....  |   | 13,657     | 5,453                   | 33       | 181      | 985       | 1,386     | 1,315       | 1,553     |
| \$1,000 to \$2,499 .....  |   | 7,864      | 3,153                   | 27       | 110      | 494       | 688       | 684         | 1,150     |
| \$2,500 to \$4,999 .....  |   | 5,594      | 2,447                   | 16       | 93       | 363       | 467       | 545         | 963       |
| \$5,000 to \$9,999 .....  |   | 5,590      | 2,809                   | 29       | 128      | 410       | 527       | 648         | 1,067     |
| \$10,000 to \$24,999 .....  |   | 6,602      | 3,867                   | 38       | 178      | 546       | 766       | 997         | 1,342     |
| \$25,000 to \$49,999 .....  |   | 4,082      | 2,731                   | 28       | 158      | 394       | 575       | 686         | 890       |
| \$50,000 to \$99,999 .....  |   | 3,235      | 2,525                   | 44       | 140      | 532       | 616       | 588         | 605       |
| \$100,000 to \$249,999 .....  |   | 3,271      | 2,887                   | 20       | 166      | 621       | 875       | 725         | 480       |
| \$250,000 to \$499,999 .....  |   | 1,874      | 1,740                   | 13       | 110      | 419       | 593       | 395         | 210       |
| \$500,000 to \$999,999 .....  |   | 946        | 892                     | 2        | 28       | 234       | 303       | 210         | 115       |
| \$1,000,000 or more .....   |   | 600        | 567                     | 1        | 29       | 143       | 190       | 143         | 61        |
| \$1,000,000 to \$2,499,999 .....  |   | 448        | 428                     | -        | 17       | 109       | 146       | 109         | 47        |
| \$2,500,000 to \$4,999,999 .....  |   | 96         | 87                      | 1        | 9        | 23        | 27        | 18          | 9         |
| \$5,000,000 or more .....   |   | 56         | 52                      | -        | 3        | 11        | 17        | 16          | 5         |
| Total sales (see text) .....  | farms                                     | 53,315     | 29,071                  | 251      | 1,321    | 5,141     | 6,986     | 6,936       | 8,436     |
|   | \$1,000                                   | 3,772,435  | 3,351,891               | 16,960   | 175,876  | 802,925   | 1,067,656 | 839,306     | 449,167   |
| Grains, oilseeds, dry beans, and<br>dry peas <sup>1</sup> .....                     | farms                                     | 16,819     | 11,815                  | 122      | 591      | 2,100     | 2,747     | 2,882       | 3,373     |
|   | \$1,000                                   | 990,921    | 892,939                 | 6,506    | 40,299   | 206,772   | 267,045   | 218,265     | 154,052   |
| Sales of \$50,000 or more .....   | farms                                     | 4,487      | 4,076                   | 38       | 208      | 916       | 1,180     | 1,023       | 711       |
|   | \$1,000                                   | 830,230    | 779,124                 | 5,045    | 34,012   | 189,062   | 243,527   | 190,479     | 117,000   |
| Tobacco .....   | farms                                     | -          | -                       | -        | -        | -         | -         | -           | -         |
|   | \$1,000                                   | -          | -                       | -        | -        | -         | -         | -           | -         |
| Sales of \$50,000 or more .....   | farms                                     | -          | -                       | -        | -        | -         | -         | -           | -         |
|   | \$1,000                                   | -          | -                       | -        | -        | -         | -         | -           | -         |
| Cotton and cottonseed .....   | farms                                     | -          | -                       | -        | -        | -         | -         | -           | -         |
|   | \$1,000                                   | -          | -                       | -        | -        | -         | -         | -           | -         |
| Sales of \$50,000 or more .....   | farms                                     | -          | -                       | -        | -        | -         | -         | -           | -         |
|   | \$1,000                                   | -          | -                       | -        | -        | -         | -         | -           | -         |
| Vegetables, melons, potatoes,<br>and sweet potatoes .....                           | farms                                     | 2,676      | 1,821                   | 20       | 116      | 401       | 499       | 412         | 373       |
|   | \$1,000                                   | 322,510    | 303,369                 | 503      | 21,315   | 78,482    | 96,256    | 68,658      | 38,156    |
| Sales of \$50,000 or more .....   | farms                                     | 743        | 675                     | 2        | 37       | 184       | 207       | 163         | 82        |
|   | \$1,000                                   | 301,520    | 289,024                 | (D)      | (D)      | 75,999    | 92,447    | 65,453      | 34,482    |
| Fruits, tree nuts, and berries .....  | farms                                     | 2,797      | 1,826                   | -        | 60       | 292       | 459       | 445         | 570       |
|   | \$1,000                                   | 181,469    | 163,936                 | -        | 4,491    | 36,844    | 54,993    | 42,038      | 25,570    |
| Sales of \$50,000 or more .....   | farms                                     | 610        | 550                     | -        | 21       | 99        | 174       | 142         | 114       |
|   | \$1,000                                   | 157,280    | 147,518                 | -        | 4,059    | 34,136    | 50,974    | 38,300      | 20,050    |
| Nursery, greenhouse, floriculture,<br>and sod (see text) .....                      | farms                                     | 2,185      | 1,219                   | 1        | 46       | 263       | 382       | 295         | 232       |
|   | \$1,000                                   | 628,699    | 537,992                 | (D)      | (D)      | 153,944   | 165,737   | 165,670     | 42,415    |
| Sales of \$50,000 or more .....   | farms                                     | 923        | 596                     | 1        | 20       | 156       | 195       | 140         | 84        |
|   | \$1,000                                   | 610,982    | 528,380                 | (D)      | (D)      | 152,048   | 163,021   | 163,310     | 40,144    |
| Cut Christmas trees and<br>short-rotation woody crops .....                         | farms                                     | 1,076      | 492                     | -        | 9        | 76        | 111       | 133         | 163       |
|   | \$1,000                                   | 30,411     | 24,534                  | -        | (D)      | (D)       | 11,220    | 5,291       | 4,493     |
| Sales of \$50,000 or more .....   | farms                                     | 100        | 73                      | -        | 2        | 10        | 25        | 21          | 15        |
|   | \$1,000                                   | 23,657     | 21,039                  | -        | (D)      | (D)       | 10,470    | 4,353       | 3,342     |
| Other crops and hay (see text) .....  | farms                                     | 12,504     | 7,235                   | 80       | 304      | 1,157     | 1,617     | 1,786       | 2,291     |
|   | \$1,000                                   | 208,618    | 177,327                 | 1,371    | 8,905    | 40,637    | 50,727    | 44,348      | 31,338    |
| Sales of \$50,000 or more .....   | farms                                     | 877        | 819                     | 8        | 54       | 214       | 246       | 190         | 107       |
|   | \$1,000                                   | 134,739    | 128,312                 | 601      | 6,998    | 33,011    | 38,780    | 32,395      | 16,526    |
| Cattle and calves .....   | farms                                     | 11,293     | 7,519                   | 93       | 433      | 1,483     | 1,937     | 1,848       | 1,725     |
|   | \$1,000                                   | 298,517    | 258,594                 | 777      | 16,888   | 50,040    | 84,254    | 63,256      | 43,379    |
| Sales of \$50,000 or more .....   | farms                                     | 997        | 914                     | 2        | 62       | 221       | 274       | 228         | 127       |
|   | \$1,000                                   | 205,745    | 188,082                 | (D)      | (D)      | 37,736    | 64,237    | 45,223      | 27,579    |
| Milk and other dairy products from<br>cows .....                                    | farms                                     | 2,738      | 2,514                   | 41       | 188      | 592       | 796       | 554         | 343       |
|   | \$1,000                                   | 697,920    | 676,350                 | 6,203    | 53,928   | 162,359   | 213,084   | 165,852     | 74,924    |
| Sales of \$50,000 or more .....   | farms                                     | 1,966      | 1,872                   | 19       | 107      | 449       | 638       | 420         | 239       |
|   | \$1,000                                   | 679,709    | 660,808                 | 5,667    | 52,403   | 158,723   | 209,133   | 162,460     | 72,423    |
| Hogs and pigs .....   | farms                                     | 2,336      | 1,387                   | 28       | 124      | 361       | 407       | 282         | 185       |
|   | \$1,000                                   | 200,027    | 183,635                 | 730      | 14,965   | 48,653    | 71,693    | 29,348      | 18,247    |
| Sales of \$50,000 or more .....   | farms                                     | 370        | 332                     | 2        | 31       | 85        | 120       | 65          | 29        |
|   | \$1,000                                   | 192,340    | 178,282                 | (D)      | (D)      | 47,736    | 70,177    | 27,857      | 17,282    |
| Sheep, goats, and their products .....  | farms                                     | 2,307      | 1,136                   | 21       | 58       | 245       | 340       | 248         | 224       |
|   | \$1,000                                   | 6,613      | 4,743                   | (D)      | 352      | (D)       | 1,107     | 1,142       | (D)       |
| Sales of \$50,000 or more .....   | farms                                     | 19         | 16                      | -        | 2        | 6         | 4         | 3           | 1         |
|   | \$1,000                                   | 2,423      | (D)                     | -        | (D)      | 853       | 442       | 387         | (D)       |
| Horses, ponies, mules, burros, and<br>donkeys .....                                 | farms                                     | 3,286      | 1,780                   | 16       | 150      | 420       | 528       | 395         | 271       |
|   | \$1,000                                   | 23,743     | 15,377                  | 50       | 875      | 2,786     | 5,420     | 3,376       | 2,869     |
| Sales of \$50,000 or more .....   | farms                                     | 54         | 42                      | -        | 1        | 7         | 13        | 12          | 9         |
| Poultry and eggs .....  | farms                                     | 8,731      | 6,655                   | -        | (D)      | (D)       | 3,093     | 1,197       | 1,478     |
|   | \$1,000                                   | 2,206      | 1,100                   | 19       | 82       | 316       | 307       | 196         | 180       |
| Sales of \$50,000 or more .....   | farms                                     | 146,700    | 100,394                 | (D)      | (D)      | 15,577    | 41,243    | 30,133      | 10,605    |
|   | \$1,000                                   | 80         | 67                      | 1        | 5        | 13        | 20        | 18          | 10        |
|   | \$1,000                                   | 144,455    | 98,903                  | (D)      | (D)      | 15,180    | 40,768    | 29,811      | 10,379    |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total           | Other occupations       |          |          |          |          |             |
|---|-----------------|-------------------------|----------|----------|----------|----------|-------------|
|   |                 | Age of operator (years) |          |          |          |          |             |
|   |                 | Under 25                | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 and over |
| <b>F FARMS AND LAND IN FARMS</b>  |                 |                         |          |          |          |          |             |
| Farms .....   | number          | 24,244                  | 184      | 1,211    | 5,348    | 8,241    | 5,744       |
| Percent   |                 | 45.5                    | 0.3      | 2.3      | 10.0     | 15.5     | 10.8        |
| Land in farms .....   | acres           | 2,115,924               | 12,436   | 101,295  | 432,990  | 670,308  | 525,184     |
| Average size of farm .....  | acres           | 87                      | 68       | 84       | 81       | 81       | 91          |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |                 |                         |          |          |          |          |             |
| Total (see text) .....  | farms           | 24,244                  | 184      | 1,211    | 5,348    | 8,241    | 5,744       |
| Average per farm .....  | \$1,000 dollars | 437,927                 | 2,394    | 21,127   | 96,722   | 182,174  | 81,135      |
| Farms by economic class:  |                 | 18,063                  | 13,013   | 17,446   | 18,086   | 22,106   | 14,125      |
| Less than \$1,000 (see text) .....  |                 | 8,204                   | 39       | 311      | 1,755    | 2,936    | 2,025       |
| \$1,000 to \$2,499 .....  |                 | 4,711                   | 30       | 241      | 1,035    | 1,507    | 1,111       |
| \$2,500 to \$4,999 .....  |                 | 3,147                   | 38       | 129      | 673      | 1,030    | 766         |
| \$5,000 to \$9,999 .....  |                 | 2,781                   | 34       | 172      | 586      | 936      | 671         |
| \$10,000 to \$24,999 .....  |                 | 2,735                   | 31       | 179      | 626      | 908      | 601         |
| \$25,000 to \$49,999 .....  |                 | 1,351                   | 7        | 93       | 323      | 461      | 308         |
| \$50,000 to \$99,999 .....  |                 | 710                     | -        | 60       | 205      | 233      | 135         |
| \$100,000 to \$249,999 .....  |                 | 384                     | 3        | 14       | 105      | 151      | 76          |
| \$250,000 to \$499,999 .....  |                 | 134                     | 2        | 10       | 23       | 46       | 34          |
| \$500,000 to \$999,999 .....  |                 | 54                      | -        | 1        | 9        | 22       | 10          |
| \$1,000,000 or more .....   |                 | 33                      | -        | 1        | 8        | 11       | 7           |
| \$1,000,000 to \$2,499,999 .....  |                 | 20                      | -        | -        | 4        | 6        | 6           |
| \$2,500,000 to \$4,999,999 .....  |                 | 9                       | -        | 1        | 3        | 2        | 4           |
| \$5,000,000 or more .....   |                 | 4                       | -        | -        | 1        | 3        | 2           |
| Total sales (see text) .....  | farms           | 24,244                  | 184      | 1,211    | 5,348    | 8,241    | 5,744       |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | \$1,000         | 420,543                 | 2,315    | 20,310   | 93,244   | 177,287  | 76,879      |
| Sales of \$50,000 or more .....   |                 | 97,982                  | 1,076    | 6,895    | 27,728   | 30,949   | 18,803      |
| Tobacco .....   | \$1,000         | 411                     | 3        | 26       | 121      | 142      | 76          |
| Cotton and cottonseed .....   | \$1,000         | 51,106                  | 405      | 2,374    | 16,195   | 15,514   | 9,508       |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | \$1,000         | 855                     | 8        | 41       | 222      | 257      | 210         |
| Sales of \$50,000 or more .....   |                 | 19,141                  | 63       | 2,321    | 3,706    | 5,954    | 4,380       |
| Fruits, tree nuts, and berries .....  | \$1,000         | 68                      | -        | 10       | 13       | 22       | 14          |
| Sales of \$50,000 or more .....   |                 | 12,496                  | -        | 2,126    | 1,900    | 4,035    | 2,688       |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | \$1,000         | 971                     | 5        | 21       | 202      | 334      | 244         |
| Sales of \$50,000 or more .....   |                 | 17,533                  | 32       | 354      | 2,987    | 5,121    | 4,729       |
| Cut Christmas trees and short-rotation woody crops .....                    | \$1,000         | 9,761                   | -        | (D)      | (D)      | 2,577    | 2,605       |
| Sales of \$50,000 or more .....   |                 | 90,707                  | (D)      | (D)      | 27,315   | 30,007   | 16,253      |
| Other crops and hay (see text) .....  | \$1,000         | 327                     | 2        | 7        | 82       | 138      | 64          |
| Sales of \$50,000 or more .....   |                 | 82,601                  | (D)      | (D)      | 25,543   | 26,910   | 14,500      |
| Cattle and calves .....   | \$1,000         | 584                     | 2        | 18       | 86       | 202      | 167         |
| Sales of \$50,000 or more .....   |                 | 5,877                   | (D)      | (D)      | 740      | 1,540    | 2,125       |
| Hogs and pigs .....   | \$1,000         | 27                      | 2        | -        | 2        | 6        | 11          |
| Sales of \$50,000 or more .....   |                 | 2,618                   | (D)      | -        | (D)      | 603      | 1,150       |
| Sheep, goats, and their products .....                                      | \$1,000         | 5,269                   | 24       | 248      | 1,235    | 1,788    | 1,231       |
| Sales of \$50,000 or more .....   |                 | 31,291                  | 59       | 1,972    | 7,089    | 10,665   | 7,029       |
| Milk and other dairy products from cows .....                               | \$1,000         | 58                      | -        | 6        | 14       | 16       | 11          |
| Sales of \$50,000 or more .....   |                 | 6,426                   | -        | 487      | 1,304    | 2,394    | 1,164       |
| Horses, ponies, mules, burros, and donkeys .....                            | \$1,000         | 3,774                   | 35       | 246      | 1,040    | 1,309    | 800         |
| Sales of \$50,000 or more .....   |                 | 39,923                  | (D)      | (D)      | 14,541   | 11,877   | 7,602       |
| Poultry and eggs .....  | \$1,000         | 83                      | -        | 7        | 18       | 27       | 24          |
| Sales of \$50,000 or more .....   |                 | 17,663                  | -        | 584      | 8,615    | 4,531    | 2,802       |
| See footnote(s) at end of table.  |                 | 224                     | -        | 26       | 46       | 73       | 55          |
| Sales of \$50,000 or more .....   |                 | 21,570                  | -        | 1,665    | 1,973    | 5,441    | 9,107       |
|   |                 | 94                      | -        | 12       | 14       | 29       | 23          |
| Sales of \$50,000 or more .....   |                 | 19,001                  | -        | 1,510    | 1,330    | 4,537    | 8,450       |
|   |                 | 949                     | 10       | 64       | 364      | 342      | 119         |
| Sales of \$50,000 or more .....   |                 | 16,392                  | 4        | 874      | 3,253    | 7,195    | 1,544       |
|   |                 | 38                      | -        | 2        | 12       | 17       | 3           |
| Sales of \$50,000 or more .....   |                 | 14,058                  | -        | (D)      | 2,486    | 6,354    | (D)         |
|   |                 | 1,171                   | 20       | 53       | 337      | 436      | 236         |
| Sales of \$50,000 or more .....   |                 | 1,870                   | (D)      | 40       | 758      | 669      | (D)         |
|   |                 | 3                       | -        | -        | 2        | 1        | -           |
| Sales of \$50,000 or more .....   |                 | (D)                     | -        | -        | (D)      | (D)      | -           |
|   |                 | 1,506                   | 17       | 90       | 342      | 612      | 344         |
| Sales of \$50,000 or more .....   |                 | 8,366                   | 40       | 266      | 1,461    | 2,903    | 3,184       |
|   |                 | 12                      | -        | -        | 4        | 4        | -           |
| Sales of \$50,000 or more .....   |                 | 2,076                   | -        | -        | 275      | 451      | 1,350       |
|   |                 | 1,106                   | 21       | 62       | 374      | 417      | 170         |
| Sales of \$50,000 or more .....   |                 | 46,306                  | 16       | 26       | 427      | 45,488   | 294         |
|   |                 | 13                      | -        | -        | 2        | 10       | 1           |
| Sales of \$50,000 or more .....   |                 | \$1,000                 | 45,553   | -        | (D)      | 45,227   | (D)         |

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total farming<br>and other<br>occupations | Farming          |                         |               |               |               |               |               |
|--|---|------------------|-------------------------|---------------|---------------|---------------|---------------|---------------|
|  |   | Total            | Age of operator (years) |               |               |               |               |               |
|  |   |                  | Under 25                | 25 to 34      | 35 to 44      | 45 to 54      | 55 to 64      | 65 and over   |
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>                       |   |                  |                         |               |               |               |               |               |
| Total (see text) - Con.  |   |                  |                         |               |               |               |               |               |
| Total sales (see text) - Con.  |   |                  |                         |               |               |               |               |               |
| Aquaculture (see text) .... farms \$1,000  | 83 3,316                                  | 42 2,422         | -                       | -             | 13 (D)        | 12 319        | 9 335         | 8 (D)         |
| Sales of \$50,000 or more .... farms \$1,000   | 12 2,808                                  | 9 (D)            | -                       | -             | 2 (D)         | 2 (D)         | 4 320         | 1 (D)         |
| Other animals and other animal products (see text) .... farms \$1,000                                  | 1,152 32,972                              | 576 10,279       | 4 (D)                   | 31 (D)        | 147 1,718     | 182 4,559     | 121 1,593     | 91 1,928      |
| Sales of \$50,000 or more .... farms \$1,000   | 92 28,313                                 | 55 7,846         | 1 (D)                   | 3 (D)         | 12 1,379      | 25 3,687      | 7 832         | 7 1,597       |
| Government payments .... farms \$1,000   | 18,133 144,771                            | 11,627 127,387   | 79 504                  | 464 4,413     | 1,929 25,843  | 2,747 39,430  | 2,841 33,787  | 3,567 23,410  |
| Value of - Certified organically produced commodities (see text) .... farms \$1,000                    | 283 7,019                                 | 180 3,926        | -                       | 10 119        | 31 1,281      | 41 1,088      | 52 1,028      | 46 411        |
| Landlord's share of total sales (see text) .... farms \$1,000  | 2,262 46,690                              | 1,669 42,406     | 15 223                  | 126 2,525     | 348 9,522     | 458 13,978    | 407 9,431     | 315 6,727     |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000 | 4,925 37,269                              | 2,682 29,501     | 25 230                  | 148 642       | 608 7,948     | 715 8,333     | 595 8,115     | 591 4,234     |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |   |                  |                         |               |               |               |               |               |
| Total farm production expenses .... farms \$1,000  | 53,296 3,333,716                          | 28,465 2,864,851 | 311 11,133              | 1,398 141,600 | 4,514 656,667 | 6,989 900,351 | 6,735 733,749 | 8,518 421,351 |
| Average per farm .... dollars 62,551   |   | 100,645          | 35,797                  | 101,288       | 145,473       | 128,824       | 108,946       | 49,466        |
| Fertilizer, lime, and soil conditioners purchased .... farms \$1,000                                   | 28,156 241,158                            | 17,648 214,770   | 175 980                 | 872 9,459     | 2,994 45,319  | 4,366 66,124  | 4,150 55,018  | 5,091 37,872  |
| Farms with expenses of- \$1 to \$4,999   | 19,937                                    | 10,594           | 120                     | 522           | 1,684         | 2,413         | 2,275         | 3,580         |
| \$5,000 to \$24,999  | 5,689                                     | 4,700            | 37                      | 261           | 808           | 1,204         | 1,263         | 1,127         |
| \$25,000 to \$49,999   | 1,527                                     | 1,386            | 14                      | 53            | 258           | 441           | 367           | 253           |
| \$50,000 or more   | 1,003                                     | 968              | 4                       | 36            | 244           | 308           | 245           | 131           |
| Chemicals purchased .... farms \$1,000   | 23,602 181,198                            | 15,151 162,946   | 205 952                 | 793 7,459     | 2,579 34,233  | 3,677 50,006  | 3,622 42,170  | 4,275 28,126  |
| Farms with expenses of- \$1 to \$4,999   | 17,185                                    | 9,640            | 145                     | 465           | 1,487         | 2,135         | 2,194         | 3,214         |
| \$5,000 to \$24,999  | 4,642                                     | 3,831            | 51                      | 245           | 709           | 972           | 1,010         | 844           |
| \$25,000 to \$49,999   | 1,057                                     | 987              | 8                       | 65            | 207           | 345           | 229           | 133           |
| \$50,000 or more   | 718                                       | 693              | 1                       | 18            | 176           | 225           | 189           | 84            |
| Seeds, plants, vines, and trees .... farms \$1,000   | 25,048 257,178                            | 15,742 227,712   | 103 905                 | 791 8,554     | 2,712 58,394  | 4,001 64,517  | 3,767 63,424  | 4,368 31,919  |
| Farms with expenses of- \$1 to \$999   | 10,930                                    | 5,132            | 26                      | 175           | 643           | 1,180         | 1,260         | 1,848         |
| \$1,000 to \$4,999   | 6,971                                     | 4,602            | 40                      | 262           | 776           | 1,107         | 1,042         | 1,375         |
| \$5,000 to \$24,999  | 5,120                                     | 4,158            | 26                      | 287           | 857           | 1,107         | 997           | 884           |
| \$25,000 to \$49,999   | 1,138                                     | 1,036            | 8                       | 39            | 229           | 340           | 257           | 163           |
| \$50,000 or more   | 889                                       | 814              | 3                       | 28            | 207           | 267           | 211           | 98            |
| Livestock and poultry purchased .... farms \$1,000   | 11,647 196,578                            | 6,442 168,750    | 78 110                  | 552 14,119    | 1,320 37,105  | 1,909 54,594  | 1,316 38,393  | 1,267 24,429  |
| Farms with expenses of- \$1 to \$4,999   | 9,336                                     | 4,677            | 76                      | 449           | 991           | 1,359         | 849           | 953           |
| \$5,000 to \$24,999  | 1,422                                     | 1,010            | 2                       | 53            | 178           | 288           | 314           | 175           |
| \$25,000 to \$99,999   | 504                                       | 405              | -                       | 23            | 72            | 141           | 86            | 83            |
| \$100,000 to \$249,999   | 222                                       | 197              | -                       | 11            | 45            | 70            | 32            | 39            |
| \$250,000 or more  | 163                                       | 153              | -                       | 16            | 34            | 51            | 35            | 17            |
| Breeding livestock purchased (see text) .... farms \$1,000   | 5,274 31,345                              | 3,159 27,474     | 45 39                   | 280 2,845     | 623 6,364     | 1,011 10,657  | 622 5,778     | 578 1,792     |
| Other livestock and poultry purchased .... farms \$1,000   | 7,934 165,233                             | 4,143 141,277    | 50 71                   | 384 11,274    | 933 30,742    | 1,153 43,937  | 847 32,616    | 776 22,637    |
| Feed purchased .... farms \$1,000  | 24,297 390,264                            | 13,116 338,078   | 135 622                 | 756 25,267    | 2,306 79,933  | 3,677 116,975 | 3,218 76,618  | 3,024 38,664  |
| Farms with expenses of- \$1 to \$4,999   | 18,476                                    | 8,577            | 97                      | 498           | 1,349         | 2,214         | 2,056         | 2,363         |
| \$5,000 to \$24,999  | 4,014                                     | 2,854            | 35                      | 161           | 561           | 869           | 799           | 429           |
| \$25,000 to \$99,999   | 1,161                                     | 1,069            | 2                       | 55            | 245           | 374           | 233           | 160           |
| \$100,000 to \$249,999   | 401                                       | 386              | 1                       | 20            | 92            | 139           | 83            | 51            |
| \$250,000 or more  | 245                                       | 230              | -                       | 22            | 59            | 81            | 47            | 21            |
| Gasoline, fuels, and oils .... farms \$1,000   | 50,597 145,503                            | 27,380 120,726   | 309 539                 | 1,318 5,571   | 4,354 25,787  | 6,647 36,262  | 6,600 30,781  | 8,152 21,785  |
| Farms with expenses of- \$1 to \$4,999   | 44,407                                    | 22,024           | 293                     | 1,018         | 3,189         | 5,091         | 5,249         | 7,184         |
| \$5,000 to \$24,999  | 5,258                                     | 4,478            | 14                      | 269           | 942           | 1,263         | 1,139         | 851           |
| \$25,000 to \$49,999   | 641                                       | 613              | 1                       | 22            | 156           | 200           | 152           | 82            |
| \$50,000 or more   | 291                                       | 265              | 1                       | 9             | 67            | 93            | 60            | 35            |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total   | Other occupations       |          |          |          |          |             |  |  |
|--|---------|-------------------------|----------|----------|----------|----------|-------------|--|--|
|  |         | Age of operator (years) |          |          |          |          |             |  |  |
|  |         | Under 25                | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 and over |  |  |
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>               |         |                         |          |          |          |          |             |  |  |
| Total (see text) - Con.  |         |                         |          |          |          |          |             |  |  |
| Total sales (see text) - Con.  |         |                         |          |          |          |          |             |  |  |
| Aquaculture (see text) .... farms  | 41      | -                       | 6        | 10       | 12       | 5        | 8           |  |  |
| \$1,000  | 894     | -                       | (D)      | 55       | 152      | (D)      | 604         |  |  |
| Sales of \$50,000 or more .... farms   | 3       | -                       | -        | -        | 1        | 1        | 1           |  |  |
| \$1,000  | (D)     | -                       | -        | -        | (D)      | (D)      | (D)         |  |  |
| Other animals and other animal products (see text) .... farms                                  | 576     | 9                       | 20       | 154      | 217      | 118      | 58          |  |  |
| \$1,000  | 22,693  | 13                      | 14       | 1,211    | 19,329   | 1,479    | 647         |  |  |
| Sales of \$50,000 or more .... farms   | 37      | -                       | -        | 10       | 17       | 6        | 4           |  |  |
| \$1,000  | 20,468  | -                       | -        | (D)      | (D)      | 886      | 259         |  |  |
| Government payments .... farms   | 6,506   | 39                      | 360      | 1,314    | 2,003    | 1,562    | 1,228       |  |  |
| \$1,000  | 17,383  | 80                      | 816      | 3,478    | 4,886    | 4,255    | 3,867       |  |  |
| Value of -   |         |                         |          |          |          |          |             |  |  |
| Certified organically produced commodities (see text) .... farms                               | 103     | 4                       | 6        | 25       | 32       | 21       | 15          |  |  |
| \$1,000  | 3,094   | 9                       | 56       | (D)      | (D)      | 65       | (D)         |  |  |
| Landlord's share of total sales (see text) .... farms  | 593     | 12                      | 75       | 170      | 191      | 109      | 36          |  |  |
| \$1,000  | 4,283   | 67                      | 327      | 1,175    | 1,272    | 1,278    | 165         |  |  |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms | 2,243   | 29                      | 102      | 660      | 801      | 448      | 203         |  |  |
| \$1,000  | 7,768   | 48                      | 309      | 1,982    | 3,133    | 1,625    | 672         |  |  |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |         |                         |          |          |          |          |             |  |  |
| Total farm production expenses .... farms  | 24,831  | 142                     | 1,156    | 5,542    | 8,594    | 6,167    | 3,230       |  |  |
| \$1,000  | 468,865 | 2,472                   | 22,386   | 113,418  | 184,350  | 97,351   | 48,888      |  |  |
| Average per farm .... dollars  | 18,882  | 17,406                  | 19,365   | 20,465   | 21,451   | 15,786   | 15,136      |  |  |
| Fertilizer, lime, and soil conditioners purchased .... farms                                   | 10,508  | 41                      | 515      | 2,335    | 3,889    | 2,503    | 1,225       |  |  |
| \$1,000  | 26,388  | 65                      | 1,945    | 6,818    | 9,070    | 5,640    | 2,850       |  |  |
| Farms with expenses of-  |         |                         |          |          |          |          |             |  |  |
| \$1 to \$4,999 .....   | 9,343   | 39                      | 409      | 2,039    | 3,472    | 2,266    | 1,118       |  |  |
| \$5,000 to \$24,999 .....  | 989     | 2                       | 102      | 236      | 365      | 197      | 87          |  |  |
| \$25,000 to \$49,999 .....   | 141     | -                       | 3        | 51       | 43       | 29       | 15          |  |  |
| \$50,000 or more .....   | 35      | -                       | 1        | 9        | 9        | 11       | 5           |  |  |
| Chemicals purchased .... farms   | 8,451   | 36                      | 484      | 2,171    | 3,030    | 1,787    | 943         |  |  |
| \$1,000  | 18,252  | 21                      | 1,098    | 4,741    | 5,856    | 4,255    | 2,282       |  |  |
| Farms with expenses of-  |         |                         |          |          |          |          |             |  |  |
| \$1 to \$4,999 .....   | 7,545   | 36                      | 416      | 1,888    | 2,750    | 1,601    | 854         |  |  |
| \$5,000 to \$24,999 .....  | 811     | -                       | 65       | 258      | 262      | 149      | 77          |  |  |
| \$25,000 to \$49,999 .....   | 70      | -                       | 2        | 20       | 12       | 29       | 7           |  |  |
| \$50,000 or more .....   | 25      | -                       | 1        | 5        | 6        | 8        | 5           |  |  |
| Seeds, plants, vines, and trees .... farms   | 9,306   | 38                      | 505      | 2,063    | 3,574    | 2,089    | 1,037       |  |  |
| \$1,000  | 29,465  | 71                      | 1,723    | 8,499    | 10,098   | 5,690    | 3,384       |  |  |
| Farms with expenses of-  |         |                         |          |          |          |          |             |  |  |
| \$1 to \$999 .....   | 5,798   | 23                      | 303      | 1,266    | 2,162    | 1,334    | 710         |  |  |
| \$1,000 to \$4,999 .....   | 2,369   | 13                      | 117      | 483      | 990      | 560      | 206         |  |  |
| \$5,000 to \$24,999 .....  | 962     | 2                       | 80       | 262      | 359      | 164      | 95          |  |  |
| \$25,000 to \$49,999 .....   | 102     | -                       | 4        | 36       | 33       | 9        | 20          |  |  |
| \$50,000 or more .....   | 75      | -                       | 1        | 16       | 30       | 22       | 6           |  |  |
| Livestock and poultry purchased .... farms   | 5,205   | 69                      | 268      | 1,503    | 1,909    | 1,132    | 324         |  |  |
| \$1,000  | 27,827  | (D)                     | (D)      | 11,910   | 9,086    | 3,141    | 2,674       |  |  |
| Farms with expenses of-  |         |                         |          |          |          |          |             |  |  |
| \$1 to \$4,999 .....   | 4,659   | 56                      | 223      | 1,314    | 1,741    | 1,068    | 257         |  |  |
| \$5,000 to \$24,999 .....  | 412     | 13                      | 44       | 135      | 100      | 56       | 64          |  |  |
| \$25,000 to \$99,999 .....   | 99      | -                       | 1        | 36       | 60       | 2        | -           |  |  |
| \$100,000 to \$249,999 .....   | 25      | -                       | -        | 16       | 3        | 5        | 1           |  |  |
| \$250,000 or more .....  | 10      | -                       | -        | 2        | 5        | 1        | 2           |  |  |
| Breeding livestock purchased (see text) .... farms   | 2,115   | 53                      | 95       | 713      | 758      | 403      | 93          |  |  |
| \$1,000  | 3,871   | 7                       | 254      | 772      | 1,709    | 846      | 283         |  |  |
| Other livestock and poultry purchased .... farms   | 3,791   | 42                      | 209      | 1,046    | 1,452    | 798      | 244         |  |  |
| \$1,000  | 23,956  | (D)                     | (D)      | 11,138   | 7,378    | 2,294    | 2,391       |  |  |
| Feed purchased .... farms  | 11,181  | 69                      | 487      | 2,929    | 4,102    | 2,699    | 895         |  |  |
| \$1,000  | 52,186  | 177                     | 1,228    | 12,484   | 25,944   | 8,753    | 3,600       |  |  |
| Farms with expenses of-  |         |                         |          |          |          |          |             |  |  |
| \$1 to \$4,999 .....   | 9,899   | 42                      | 449      | 2,562    | 3,739    | 2,339    | 768         |  |  |
| \$5,000 to \$24,999 .....  | 1,160   | 27                      | 36       | 332      | 297      | 347      | 121         |  |  |
| \$25,000 to \$99,999 .....   | 92      | -                       | 1        | 28       | 52       | 8        | 3           |  |  |
| \$100,000 to \$249,999 .....   | 15      | -                       | -        | 6        | 6        | 2        | 1           |  |  |
| \$250,000 or more .....  | 15      | -                       | 1        | 1        | 8        | 3        | 2           |  |  |
| Gasoline, fuels, and oils .... farms   | 23,217  | 142                     | 1,014    | 5,191    | 8,048    | 5,784    | 3,038       |  |  |
| \$1,000  | 24,778  | 95                      | 1,099    | 5,751    | 9,223    | 5,516    | 3,094       |  |  |
| Farms with expenses of-  |         |                         |          |          |          |          |             |  |  |
| \$1 to \$4,999 .....   | 22,383  | 142                     | 980      | 4,996    | 7,775    | 5,587    | 2,903       |  |  |
| \$5,000 to \$24,999 .....  | 780     | -                       | 31       | 186      | 250      | 189      | 124         |  |  |
| \$25,000 to \$49,999 .....   | 28      | -                       | 1        | 5        | 11       | 3        | 8           |  |  |
| \$50,000 or more .....   | 26      | -                       | 2        | 4        | 12       | 5        | 3           |  |  |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total farming<br>and other<br>occupations | Farming |                         |          |          |          |          |             |
|---|---|---------|-------------------------|----------|----------|----------|----------|-------------|
|   |   | Total   | Age of operator (years) |          |          |          |          |             |
|   |   |         | Under 25                | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 and over |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |   |         |                         |          |          |          |          |             |
| Total farm production expenses - Con.   |   |         |                         |          |          |          |          |             |
| Utilities (see text) . . . . . farms \$1,000  | 30,422                                    | 18,783  | 128                     | 805      | 3,074    | 4,890    | 4,588    | 5,298       |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 91,391                                    | 77,283  | 235                     | 3,417    | 16,930   | 22,643   | 22,659   | 11,399      |
| \$1,000 to \$4,999 . . . . .  |   |         |                         |          |          |          |          |             |
| \$4,951 . . . . .   |   |         | 62                      | 383      | 1,178    | 2,103    | 1,989    | 3,284       |
| \$5,000 to \$24,999 . . . . .   |   |         | 60                      | 278      | 1,166    | 1,829    | 1,811    | 1,552       |
| \$25,000 to \$49,999 . . . . .  |   |         | 6                       | 121      | 607      | 806      | 637      | 411         |
| \$50,000 or more . . . . .  |   |         | -                       | 17       | 82       | 89       | 86       | 34          |
| Supplies, repairs, and maintenance . . . . . farms \$1,000  | 47,754                                    | 26,080  | 248                     | 1,308    | 4,287    | 6,275    | 6,199    | 7,763       |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 334,489                                   | 275,271 | 1,102                   | 11,685   | 59,479   | 85,130   | 70,104   | 47,771      |
| \$1,000 to \$24,999 . . . . .   |   |         |                         |          |          |          |          |             |
| \$8,807 . . . . .   |   |         | 197                     | 879      | 2,524    | 3,726    | 4,022    | 5,956       |
| \$12,532 . . . . .  |   |         | 43                      | 323      | 1,224    | 1,731    | 1,656    | 1,440       |
| \$1,130 . . . . .   |   |         | 5                       | 66       | 297      | 457      | 280      | 206         |
| \$50,000 or more . . . . .  |   |         | 3                       | 40       | 242      | 361      | 241      | 161         |
| Hired farm labor . . . . . farms \$1,000  | 12,279                                    | 8,458   | 41                      | 337      | 1,605    | 2,551    | 2,127    | 1,797       |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 469,731                                   | 420,979 | 1,143                   | 14,916   | 103,918  | 137,146  | 112,246  | 51,610      |
| \$1,000 to \$24,999 . . . . .   |   |         |                         |          |          |          |          |             |
| \$7,177 . . . . .   |   |         | 31                      | 143      | 699      | 1,141    | 1,103    | 1,103       |
| \$2,442 . . . . .   |   |         | 4                       | 106      | 363      | 656      | 452      | 333         |
| \$17,736 . . . . .  |   |         | 5                       | 58       | 340      | 479      | 353      | 252         |
| \$100,000 to \$249,999 . . . . .  |   |         | -                       | 14       | 121      | 147      | 133      | 74          |
| \$374 . . . . .   |   |         | 1                       | 16       | 82       | 128      | 86       | 35          |
| Contract labor . . . . . farms \$1,000  | 3,614                                     | 2,301   | 2                       | 105      | 450      | 623      | 555      | 566         |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 35,023                                    | 29,698  | (D)                     | (D)      | 4,888    | 9,885    | 10,163   | 3,527       |
| \$1,000 to \$24,999 . . . . .   |   |         |                         |          |          |          |          |             |
| \$1,188 . . . . .   |   |         | -                       | 23       | 174      | 111      | 118      | 206         |
| \$825 . . . . .   |   |         | -                       | 59       | 105      | 166      | 247      | 236         |
| \$146 . . . . .   |   |         | 2                       | 16       | 146      | 257      | 149      | 96          |
| \$50,000 or more . . . . .  |   |         | -                       | 3        | 12       | 58       | 27       | 23          |
| Customwork and custom hauling . . . . . farms \$1,000   | 9,148                                     | 5,984   | 37                      | 311      | 978      | 1,510    | 1,308    | 1,840       |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 63,676                                    | 56,106  | 280                     | 2,701    | 12,383   | 16,790   | 15,699   | 8,252       |
| \$1,000 to \$4,999 . . . . .  |   |         |                         |          |          |          |          |             |
| \$4,001 . . . . .   |   |         | -                       | 79       | 210      | 472      | 480      | 782         |
| \$3,214 . . . . .   |   |         | 15                      | 134      | 441      | 484      | 427      | 791         |
| \$1,486 . . . . .   |   |         | 19                      | 71       | 241      | 422      | 289      | 219         |
| \$213 . . . . .   |   |         | 3                       | 13       | 50       | 57       | 58       | 21          |
| \$234 . . . . .   |   |         | -                       | 14       | 36       | 75       | 54       | 27          |
| Cash rent for land, buildings,<br>and grazing fees . . . . . farms \$1,000                              | 12,399                                    | 8,940   | 103                     | 660      | 1,776    | 2,496    | 2,214    | 1,691       |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 216,140                                   | 200,974 | 1,241                   | 12,060   | 53,151   | 64,634   | 46,284   | 23,604      |
| \$1,000 to \$9,999 . . . . .  |   |         |                         |          |          |          |          |             |
| \$7,276 . . . . .   |   |         | 30                      | 306      | 726      | 1,136    | 1,174    | 1,100       |
| \$1,408 . . . . .   |   |         | 20                      | 108      | 201      | 269      | 240      | 230         |
| \$17,704 . . . . .  |   |         | 48                      | 113      | 359      | 462      | 381      | 133         |
| \$2,011 . . . . .   |   |         | 5                       | 133      | 490      | 629      | 419      | 228         |
| Rent and lease expenses for machinery,<br>equipment, and farm share of vehicles . . . . . farms \$1,000 | 3,940                                     | 2,816   | 101                     | 246      | 614      | 747      | 602      | 506         |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 33,771                                    | 29,553  | (D)                     | (D)      | 8,942    | 8,259    | 5,988    | 3,548       |
| \$1,000 to \$4,999 . . . . .  |   |         |                         |          |          |          |          |             |
| \$1,534 . . . . .   |   |         | 74                      | 57       | 161      | 199      | 173      | 245         |
| \$1,179 . . . . .   |   |         | 24                      | 100      | 154      | 227      | 198      | 147         |
| \$5,000 to \$24,999 . . . . .   |   |         | 3                       | 71       | 214      | 240      | 174      | 93          |
| \$170 . . . . .   |   |         | -                       | 13       | 46       | 50       | 33       | 14          |
| \$114 . . . . .   |   |         | -                       | 5        | 39       | 31       | 24       | 7           |
| Interest expense . . . . . farms \$1,000  | 18,089                                    | 11,445  | 106                     | 663      | 2,184    | 3,371    | 2,769    | 2,352       |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 211,406                                   | 172,976 | 550                     | 7,902    | 36,872   | 52,937   | 49,818   | 24,896      |
| \$1,000 to \$24,999 . . . . .   |   |         |                         |          |          |          |          |             |
| \$9,658 . . . . .   |   |         | 70                      | 347      | 850      | 1,508    | 1,274    | 1,406       |
| \$6,548 . . . . .   |   |         | 34                      | 245      | 970      | 1,276    | 1,040    | 704         |
| \$1,648 . . . . .   |   |         | 2                       | 61       | 309      | 525      | 386      | 213         |
| \$235 . . . . .   |   |         | -                       | 10       | 55       | 62       | 69       | 29          |
| Secured by real estate . . . . . farms \$1,000  | 14,332                                    | 8,989   | 88                      | 488      | 1,699    | 2,650    | 2,218    | 1,846       |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 154,977                                   | 121,806 | 374                     | 5,389    | 25,715   | 36,427   | 36,001   | 17,900      |
| \$1,000 to \$4,999 . . . . .  |   |         |                         |          |          |          |          |             |
| \$1,919 . . . . .   |   |         | -                       | 47       | 147      | 268      | 274      | 291         |
| \$5,535 . . . . .   |   |         | 82                      | 182      | 500      | 925      | 761      | 813         |
| \$5,594 . . . . .   |   |         | 5                       | 223      | 820      | 1,056    | 873      | 579         |
| \$838 . . . . .   |   |         | 1                       | 20       | 135      | 280      | 186      | 119         |
| \$446 . . . . .   |   |         | -                       | 16       | 97       | 121      | 124      | 44          |
| Not secured by real estate . . . . . farms \$1,000  | 8,737                                     | 6,261   | 56                      | 355      | 1,189    | 1,999    | 1,544    | 1,118       |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 56,428                                    | 51,170  | 176                     | 2,512    | 11,157   | 16,510   | 13,818   | 6,997       |
| \$1,000 to \$4,999 . . . . .  |   |         |                         |          |          |          |          |             |
| \$3,042 . . . . .   |   |         | 19                      | 99       | 268      | 471      | 395      | 466         |
| \$3,192 . . . . .   |   |         | 27                      | 139      | 408      | 811      | 537      | 352         |
| \$2,067 . . . . .   |   |         | 8                       | 98       | 403      | 570      | 523      | 246         |
| \$286 . . . . .   |   |         | 2                       | 13       | 77       | 100      | 47       | 38          |
| \$150 . . . . .   |   |         | -                       | 6        | 33       | 47       | 42       | 16          |
| Property taxes paid . . . . . farms \$1,000   | 50,494                                    | 26,933  | 284                     | 1,160    | 4,296    | 6,792    | 6,614    | 7,787       |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 157,933                                   | 108,569 | 455                     | 3,442    | 17,257   | 29,924   | 28,339   | 29,153      |
| \$5,000 to \$9,999 . . . . .  |   |         |                         |          |          |          |          |             |
| \$4,379 . . . . .   |   |         | 9                       | 62       | 471      | 922      | 959      | 909         |
| \$10,000 to \$24,999 . . . . .  |   |         | 5                       | 49       | 292      | 512      | 485      | 468         |
| \$2,144 . . . . .   |   |         | -                       | 13       | 83       | 161      | 118      | 109         |
| \$537 . . . . .   |   |         | 485                     | 1        |          |          |          |             |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total            | Other occupations       |                |                 |                 |                 |                |
|---|------------------|-------------------------|----------------|-----------------|-----------------|-----------------|----------------|
|   |                  | Age of operator (years) |                |                 |                 |                 |                |
|   |                  | Under 25                | 25 to 34       | 35 to 44        | 45 to 54        | 55 to 64        | 65 and over    |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |                  |                         |                |                 |                 |                 |                |
| Total farm production expenses - Con.   |                  |                         |                |                 |                 |                 |                |
| Utilities (see text) . . . . . farms \$1,000  | 11,639<br>14,108 | 45<br>(D)               | 436<br>(D)     | 2,978<br>2,684  | 4,227<br>6,514  | 2,769<br>3,032  | 1,184<br>1,394 |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 8,497            | 43                      | 328            | 2,221           | 2,902           | 2,133           | 870            |
| \$1,000 to \$4,999 . . . . .  | 2,755            | 2                       | 102            | 680             | 1,162           | 540             | 269            |
| \$5,000 to \$24,999 . . . . .   | 340              | -                       | 5              | 73              | 140             | 84              | 38             |
| \$25,000 to \$49,999 . . . . .  | 35               | -                       | -              | 3               | 17              | 9               | 6              |
| \$50,000 or more . . . . .  | 12               | -                       | 1              | 1               | 6               | 3               | 1              |
| Supplies, repairs, and maintenance . . . . . farms \$1,000  | 21,674<br>59,217 | 142<br>323              | 1,006<br>3,825 | 4,915<br>13,609 | 7,567<br>21,943 | 5,314<br>12,208 | 2,730<br>7,310 |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 18,981           | 114                     | 857            | 4,282           | 6,543           | 4,720           | 2,465          |
| \$5,000 to \$24,999 . . . . .   | 2,390            | 28                      | 99             | 551             | 959             | 545             | 208            |
| \$25,000 to \$49,999 . . . . .  | 221              | -                       | 49             | 52              | 38              | 39              | 43             |
| \$50,000 or more . . . . .  | 82               | -                       | 1              | 30              | 27              | 10              | 14             |
| Hired farm labor . . . . . farms \$1,000  | 3,821<br>48,752  | 2<br>(D)                | 163<br>(D)     | 763<br>8,257    | 1,546<br>22,179 | 953<br>10,960   | 394<br>5,390   |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 2,957            | -                       | 126            | 606             | 1,147           | 753             | 325            |
| \$5,000 to \$24,999 . . . . .   | 528              | -                       | 21             | 107             | 272             | 87              | 41             |
| \$25,000 to \$49,999 . . . . .  | 249              | -                       | 14             | 39              | 105             | 76              | 15             |
| \$100,000 to \$249,999 . . . . .  | 61               | 2                       | 1              | 9               | 10              | 32              | 7              |
| \$250,000 or more . . . . .   | 26               | -                       | 1              | 2               | 12              | 5               | 6              |
| Contract labor . . . . . farms \$1,000  | 1,313<br>5,325   | 27<br>2                 | 28<br>13       | 169<br>778      | 509<br>2,462    | 425<br>1,396    | 155<br>674     |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 750              | 27                      | 27             | 100             | 259             | 249             | 88             |
| \$1,000 to \$4,999 . . . . .  | 375              | -                       | 1              | 41              | 181             | 94              | 58             |
| \$5,000 to \$24,999 . . . . .   | 159              | -                       | -              | 26              | 60              | 70              | 3              |
| \$25,000 to \$49,999 . . . . .  | 23               | -                       | -              | 1               | 6               | 12              | 4              |
| \$50,000 or more . . . . .  | 6                | -                       | -              | 1               | 3               | -               | 2              |
| Customwork and custom hauling . . . . . farms \$1,000   | 3,164<br>7,571   | -<br>-                  | 170<br>337     | 749<br>2,653    | 1,226<br>2,429  | 745<br>1,450    | 274<br>701     |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 1,978            | -                       | 128            | 493             | 704             | 446             | 207            |
| \$1,000 to \$4,999 . . . . .  | 922              | -                       | 24             | 170             | 428             | 273             | 27             |
| \$5,000 to \$24,999 . . . . .   | 225              | -                       | 17             | 65              | 85              | 21              | 37             |
| \$25,000 to \$49,999 . . . . .  | 11               | -                       | 1              | 2               | 5               | 2               | 1              |
| \$50,000 or more . . . . .  | 28               | -                       | -              | 19              | 4               | 3               | 2              |
| Cash rent for land, buildings,<br>and grazing fees . . . . . farms \$1,000                              | 3,459<br>15,167  | 25<br>38                | 259<br>1,964   | 1,025<br>5,461  | 1,272<br>4,537  | 642<br>1,956    | 236<br>1,210   |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 2,804            | 25                      | 142            | 796             | 1,078           | 573             | 190            |
| \$5,000 to \$9,999 . . . . .  | 340              | -                       | 69             | 109             | 110             | 23              | 29             |
| \$10,000 to \$24,999 . . . . .  | 208              | -                       | 34             | 84              | 49              | 35              | 6              |
| \$25,000 or more . . . . .  | 107              | -                       | 14             | 36              | 35              | 11              | 11             |
| Rent and lease expenses for machinery,<br>equipment, and farm share of vehicles . . . . . farms \$1,000 | 1,124<br>4,217   | -<br>-                  | 71<br>273      | 336<br>931      | 388<br>1,507    | 216<br>1,507    | 113<br>752     |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 625              | -                       | 27             | 199             | 235             | 113             | 51             |
| \$1,000 to \$4,999 . . . . .  | 329              | -                       | 23             | 101             | 117             | 78              | 10             |
| \$5,000 to \$24,999 . . . . .   | 148              | -                       | 20             | 29              | 30              | 20              | 49             |
| \$25,000 to \$49,999 . . . . .  | 14               | -                       | 1              | 5               | 3               | 2               | 3              |
| \$50,000 or more . . . . .  | 8                | -                       | -              | 2               | 3               | 3               | -              |
| Interest expense . . . . . farms \$1,000  | 6,644<br>38,430  | 44<br>514               | 307<br>2,657   | 1,637<br>8,529  | 2,608<br>14,020 | 1,597<br>10,151 | 451<br>2,559   |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 4,203            | 3                       | 164            | 1,086           | 1,686           | 948             | 316            |
| \$5,000 to \$24,999 . . . . .   | 2,279            | 41                      | 124            | 517             | 888             | 586             | 123            |
| \$25,000 to \$99,999 . . . . .  | 152              | -                       | 19             | 30              | 31              | 62              | 10             |
| \$100,000 or more . . . . .   | 10               | -                       | -              | 4               | 3               | 1               | 2              |
| Secured by real estate . . . . . farms \$1,000  | 5,343<br>33,171  | 39<br>461               | 255<br>2,320   | 1,271<br>7,013  | 2,098<br>12,335 | 1,293<br>9,086  | 387<br>1,956   |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 892              | -                       | 38             | 244             | 356             | 156             | 98             |
| \$1,000 to \$4,999 . . . . .  | 2,272            | -                       | 96             | 571             | 893             | 544             | 168            |
| \$5,000 to \$24,999 . . . . .   | 2,038            | 39                      | 104            | 425             | 824             | 533             | 113            |
| \$25,000 to \$49,999 . . . . .  | 97               | -                       | 10             | 19              | 22              | 41              | 5              |
| \$50,000 or more . . . . .  | 44               | -                       | 7              | 12              | 3               | 19              | 3              |
| Not secured by real estate . . . . . farms \$1,000  | 2,476<br>5,258   | 18<br>52                | 90<br>337      | 699<br>1,517    | 924<br>1,685    | 596<br>1,065    | 149<br>602     |
| Farms with expenses of-<br>\$1 to \$999 . . . . .   | 1,324            | 3                       | 23             | 407             | 489             | 336             | 66             |
| \$1,000 to \$4,999 . . . . .  | 918              | 13                      | 44             | 192             | 395             | 214             | 60             |
| \$5,000 to \$24,999 . . . . .   | 219              | 2                       | 22             | 97              | 38              | 42              | 18             |
| \$25,000 to \$49,999 . . . . .  | 9                | -                       | 1              | 2               | 1               | 2               | 3              |
| \$50,000 or more . . . . .  | 6                | -                       | -              | 1               | 1               | 2               | 2              |
| Property taxes paid . . . . . farms \$1,000   | 23,561<br>49,363 | 119<br>323              | 978<br>1,830   | 5,391<br>11,069 | 8,295<br>17,144 | 5,993<br>12,725 | 2,785<br>6,273 |
| Farms with expenses of-<br>\$1 to \$4,999 . . . . .   | 22,129           | 104                     | 949            | 5,120           | 7,849           | 5,539           | 2,568          |
| \$5,000 to \$9,999 . . . . .  | 1,047            | 15                      | 18             | 158             | 335             | 354             | 167            |
| \$10,000 to \$24,999 . . . . .  | 333              | -                       | 9              | 110             | 81              | 87              | 46             |
| \$25,000 or more . . . . .  | 52               | -                       | 2              | 3               | 30              | 13              | 4              |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total farming<br>and other<br>occupations | Farming           |                         |              |                 |                  |                  |                  |  |  |
|--|---|-------------------|-------------------------|--------------|-----------------|------------------|------------------|------------------|--|--|
|  |   | Total             | Age of operator (years) |              |                 |                  |                  |                  |  |  |
|  |   |                   | Under 25                | 25 to 34     | 35 to 44        | 45 to 54         | 55 to 64         | 65 and over      |  |  |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>                                       |   |                   |                         |              |                 |                  |                  |                  |  |  |
| Total farm production expenses - Con.  |   |                   |                         |              |                 |                  |                  |                  |  |  |
| All other production expenses (see text) .....   | farms \$1,000                             | 30,851<br>308,277 | 18,441<br>260,457       | 213<br>1,807 | 874<br>11,210   | 2,969<br>62,075  | 4,830<br>84,524  | 4,537<br>66,045  |  |  |
| Farms with expenses of-  |   |                   |                         |              |                 |                  |                  |                  |  |  |
| \$1 to \$4,999 .....   |   | 22,590            | 11,740                  | 125          | 558             | 1,604            | 2,729            | 2,808            |  |  |
| \$5,000 to \$24,999 .....  |   | 6,118             | 4,744                   | 84           | 242             | 920              | 1,332            | 1,296            |  |  |
| \$25,000 to \$49,999 .....   |   | 1,080             | 975                     | 1            | 28              | 217              | 414              | 190              |  |  |
| \$50,000 to \$99,999 .....   |   | 606               | 560                     | 3            | 29              | 118              | 217              | 123              |  |  |
| \$100,000 or more .....  |   | 457               | 422                     | -            | 17              | 110              | 138              | 70               |  |  |
|  |   |                   |                         |              |                 |                  |                  | 37               |  |  |
| Production expenses paid by landlords <sup>3</sup> .....                                 | farms \$1,000                             | 2,324<br>18,239   | 1,442<br>15,838         | 22<br>376    | 54<br>554       | 212<br>2,610     | 308<br>3,432     | 425<br>4,921     |  |  |
| Depreciation expenses claimed (see text) .....   | farms \$1,000                             | 21,682<br>386,335 | 14,045<br>334,274       | 96<br>1,520  | 742<br>18,810   | 2,467<br>75,542  | 3,618<br>100,778 | 3,602<br>84,138  |  |  |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>                                       |   |                   |                         |              |                 |                  |                  |                  |  |  |
| Net cash farm income of operations (see text) .....                                      | farms \$1,000                             | 53,296<br>724,021 | 28,465<br>700,108       | 311<br>2,814 | 1,398<br>41,332 | 4,514<br>161,119 | 6,989<br>229,431 | 6,735<br>172,124 |  |  |
| Average per farm .....   | dollars                                   | 13,585            | 24,595                  | 9,047        | 29,565          | 35,693           | 32,827           | 25,557           |  |  |
| Farms with net gains <sup>4</sup> .....  | number                                    | 22,737            | 14,740                  | 110          | 721             | 2,437            | 3,504            | 3,448            |  |  |
| Average net gain .....   | dollars                                   | 47,047            | 62,238                  | 47,989       | 68,185          | 83,894           | 84,267           | 65,229           |  |  |
| Gain of-   |   |                   |                         |              |                 |                  |                  |                  |  |  |
| Less than \$1,000 .....  |   | 3,224             | 1,511                   | 4            | 99              | 224              | 251              | 227              |  |  |
| \$1,000 to \$4,999 .....   |   | 5,479             | 2,771                   | 24           | 117             | 323              | 439              | 618              |  |  |
| \$5,000 to \$9,999 .....   |   | 3,138             | 2,013                   | 14           | 67              | 260              | 448              | 548              |  |  |
| \$10,000 to \$24,999 .....   |   | 3,504             | 2,358                   | 38           | 150             | 390              | 487              | 701              |  |  |
| \$25,000 to \$49,999 .....   |   | 2,827             | 2,120                   | 15           | 70              | 378              | 544              | 504              |  |  |
| \$50,000 or more .....   |   | 4,565             | 3,967                   | 15           | 218             | 862              | 1,335            | 959              |  |  |
| Farms with net losses .....  | number                                    | 30,559            | 13,725                  | 201          | 677             | 2,077            | 3,485            | 3,287            |  |  |
| Average net loss .....   | dollars                                   | 11,312            | 15,831                  | 12,265       | 11,564          | 20,862           | 18,892           | 16,059           |  |  |
| Loss of-   |   |                   |                         |              |                 |                  |                  |                  |  |  |
| Less than \$1,000 .....  |   | 3,903             | 1,582                   | 41           | 66              | 230              | 313              | 306              |  |  |
| \$1,000 to \$4,999 .....   |   | 11,691            | 4,469                   | 39           | 297             | 580              | 1,238            | 855              |  |  |
| \$5,000 to \$9,999 .....   |   | 6,916             | 2,989                   | 26           | 128             | 449              | 746              | 806              |  |  |
| \$10,000 to \$24,999 .....   |   | 5,386             | 2,947                   | 73           | 120             | 433              | 700              | 901              |  |  |
| \$25,000 to \$49,999 .....   |   | 1,545             | 846                     | 19           | 51              | 172              | 188              | 237              |  |  |
| \$50,000 or more .....   |   | 1,118             | 892                     | 3            | 15              | 213              | 300              | 182              |  |  |
| Net cash farm income of operators (see text) .....                                       | farms \$1,000                             | 53,296<br>705,489 | 28,465<br>681,577       | 311<br>3,015 | 1,398<br>39,349 | 4,514<br>160,449 | 6,989<br>219,268 | 6,735<br>169,985 |  |  |
| Average per farm .....   | dollars                                   | 13,237            | 23,944                  | 9,693        | 28,146          | 35,545           | 31,373           | 25,239           |  |  |
| Operators reporting net gains <sup>4</sup> .....   | farms                                     | 23,069            | 14,893                  | 110          | 699             | 2,463            | 3,509            | 3,513            |  |  |
| Average net gain .....   | dollars                                   | 45,546            | 60,429                  | 46,610       | 67,719          | 82,203           | 81,838           | 63,269           |  |  |
| Gain of-   |   |                   |                         |              |                 |                  |                  |                  |  |  |
| Less than \$1,000 .....  |   | 3,356             | 1,578                   | 4            | 104             | 237              | 270              | 235              |  |  |
| \$1,000 to \$4,999 .....   |   | 5,783             | 2,975                   | 24           | 129             | 384              | 500              | 642              |  |  |
| \$5,000 to \$9,999 .....   |   | 3,146             | 1,979                   | 14           | 60              | 231              | 418              | 562              |  |  |
| \$10,000 to \$24,999 .....   |   | 3,520             | 2,362                   | 38           | 126             | 374              | 456              | 615              |  |  |
| \$25,000 to \$49,999 .....   |   | 2,823             | 2,151                   | 17           | 73              | 385              | 569              | 545              |  |  |
| \$50,000 or more .....   |   | 4,441             | 3,848                   | 13           | 207             | 852              | 1,296            | 914              |  |  |
| Operators reporting net losses .....   | farms                                     | 30,227            | 13,572                  | 201          | 699             | 2,051            | 3,480            | 3,222            |  |  |
| Average net loss .....   | dollars                                   | 11,421            | 16,092                  | 10,510       | 11,426          | 20,486           | 19,512           | 16,226           |  |  |
| Loss of-   |   |                   |                         |              |                 |                  |                  |                  |  |  |
| Less than \$1,000 .....  |   | 3,787             | 1,525                   | 41           | 67              | 201              | 318              | 307              |  |  |
| \$1,000 to \$4,999 .....   |   | 11,498            | 4,334                   | 39           | 293             | 576              | 1,178            | 828              |  |  |
| \$5,000 to \$9,999 .....   |   | 6,903             | 3,009                   | 26           | 143             | 461              | 743              | 804              |  |  |
| \$10,000 to \$24,999 .....   |   | 5,339             | 2,942                   | 92           | 130             | 422              | 726              | 859              |  |  |
| \$25,000 to \$49,999 .....   |   | 1,564             | 854                     | -            | 51              | 180              | 208              | 242              |  |  |
| \$50,000 or more .....   |   | 1,136             | 908                     | 3            | 15              | 211              | 307              | 182              |  |  |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>                                     |   |                   |                         |              |                 |                  |                  |                  |  |  |
| Total .....  | farms \$1,000                             | 2,601<br>72,023   | 2,055<br>68,666         | 31<br>580    | 128<br>3,605    | 451<br>15,336    | 575<br>23,541    | 462<br>17,773    |  |  |
| <b>INCOME FROM FARM-RELATED SOURCES</b>  |   |                   |                         |              |                 |                  |                  |                  |  |  |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... | farms \$1,000                             | 15,056<br>133,320 | 9,659<br>103,310        | 71<br>811    | 451<br>4,750    | 1,695<br>20,919  | 2,423<br>28,926  | 2,410<br>26,528  |  |  |
| Customwork and other agricultural services .....   | farms \$1,000                             | 3,087<br>29,184   | 2,390<br>26,062         | 44<br>437    | 152<br>1,858    | 512<br>6,460     | 703<br>8,364     | 576<br>5,661     |  |  |
| Gross cash rent or share payments .....  | farms \$1,000                             | 5,446<br>29,230   | 2,801<br>19,497         | 8<br>173     | 87<br>512       | 414<br>3,836     | 568<br>3,511     | 674<br>4,862     |  |  |
| Sales of forest products, excluding Christmas trees and maple products .....             | farms \$1,000                             | 1,557<br>11,799   | 896<br>7,526            | 4<br>30      | 29<br>193       | 104<br>1,029     | 194<br>1,396     | 250<br>2,700     |  |  |
| Recreational services (see text) .....   | farms \$1,000                             | 615<br>3,295      | 387<br>2,125            | -            | 10<br>171       | 57<br>545        | 97<br>766        | 104<br>392       |  |  |
|  |   |                   |                         |              |                 |                  |                  | 119<br>251       |  |  |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total         | Other occupations       |            |                 |                 |                 |                 |
|---|---------------|-------------------------|------------|-----------------|-----------------|-----------------|-----------------|
|   |               | Age of operator (years) |            |                 |                 |                 |                 |
|   |               | Under 25                | 25 to 34   | 35 to 44        | 45 to 54        | 55 to 64        | 65 and over     |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>                                      |               |                         |            |                 |                 |                 |                 |
| Total farm production expenses - Con.   |               |                         |            |                 |                 |                 |                 |
| All other production expenses (see text) ....   | farms \$1,000 | 12,410<br>47,820        | 93<br>326  | 479<br>1,445    | 2,795<br>9,245  | 4,616<br>22,339 | 3,044<br>9,725  |
| Farms with expenses of-<br>\$1 to \$4,999 .....   |               | 10,850                  | 91         | 401             | 2,495           | 3,937           | 2,707           |
| \$5,000 to \$24,999 .....   |               | 1,374                   | -          | 67              | 273             | 599             | 288             |
| \$25,000 to \$49,999 .....  |               | 105                     | -          | 10              | 7               | 59              | 21              |
| \$50,000 to \$99,999 .....  |               | 46                      | 2          | -               | 12              | 11              | 20              |
| \$100,000 or more .....   |               | 35                      | -          | 1               | 8               | 10              | 1               |
| Production expenses paid by landlords <sup>3</sup> ....                                 | farms \$1,000 | 882<br>2,400            | -<br>-     | 36<br>135       | 245<br>696      | 247<br>768      | 259<br>611      |
| Depreciation expenses claimed (see text) ....   | farms \$1,000 | 7,637<br>52,062         | 117<br>333 | 324<br>1,937    | 1,934<br>13,900 | 2,967<br>19,969 | 1,700<br>10,083 |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>                                      |               |                         |            |                 |                 |                 |                 |
| Net cash farm income of operations (see text) ....                                      | farms \$1,000 | 24,831<br>23,913        | 142<br>7   | 1,156<br>-1,833 | 5,542<br>-3,059 | 8,594<br>21,536 | 6,167<br>-279   |
| Average per farm .....  | dollars       | 963                     | 49         | -1,585          | -552            | 2,506           | -45             |
| Farms with net gains <sup>4</sup> ....  | number        | 7,997                   | 18         | 352             | 1,743           | 2,713           | 1,859           |
| Average net gain .....  | dollars       | 19,047                  | 34,565     | 12,448          | 16,511          | 24,662          | 17,825          |
| Gain of-<br>Less than \$1,000 .....   |               | 1,713                   | -          | 66              | 360             | 639             | 324             |
| \$1,000 to \$4,999 .....  |               | 2,708                   | 3          | 149             | 521             | 851             | 665             |
| \$5,000 to \$9,999 .....  |               | 1,125                   | -          | 15              | 234             | 427             | 300             |
| \$10,000 to \$24,999 .....  |               | 1,146                   | -          | 77              | 279             | 357             | 280             |
| \$25,000 to \$49,999 .....  |               | 707                     | 13         | 28              | 206             | 252             | 123             |
| \$50,000 or more .....  |               | 598                     | 2          | 17              | 143             | 187             | 85              |
| Farms with net losses .....   | number        | 16,834                  | 124        | 804             | 3,799           | 5,881           | 4,308           |
| Average net loss .....  | dollars       | 7,628                   | 4,961      | 7,729           | 8,381           | 7,715           | 7,757           |
| Loss of-<br>Less than \$1,000 .....   |               | 2,321                   | -          | 147             | 506             | 713             | 632             |
| \$1,000 to \$4,999 .....  |               | 7,222                   | 71         | 344             | 1,466           | 2,387           | 2,004           |
| \$5,000 to \$9,999 .....  |               | 3,927                   | 26         | 148             | 1,025           | 1,502           | 803             |
| \$10,000 to \$24,999 .....  |               | 2,439                   | 27         | 104             | 647             | 947             | 591             |
| \$25,000 to \$49,999 .....  |               | 699                     | -          | 38              | 79              | 282             | 215             |
| \$50,000 or more .....  |               | 226                     | -          | 23              | 76              | 50              | 63              |
| Net cash farm income of operators (see text) ....                                       | farms \$1,000 | 24,831<br>23,912        | 142<br>7   | 1,156<br>-1,873 | 5,542<br>-1,467 | 8,594<br>20,045 | 6,167<br>-406   |
| Average per farm .....  | dollars       | 963                     | 49         | -1,620          | -265            | 2,332           | -66             |
| Operators reporting net gains <sup>4</sup> ....   | farms         | 8,176                   | 18         | 336             | 1,830           | 2,735           | 1,913           |
| Average net gain .....  | dollars       | 18,437                  | 34,565     | 12,669          | 15,708          | 23,946          | 17,288          |
| Gain of-<br>Less than \$1,000 .....   |               | 1,778                   | -          | 61              | 419             | 639             | 356             |
| \$1,000 to \$4,999 .....  |               | 2,808                   | 3          | 138             | 541             | 880             | 676             |
| \$5,000 to \$9,999 .....  |               | 1,167                   | -          | 26              | 250             | 440             | 300             |
| \$10,000 to \$24,999 .....  |               | 1,158                   | -          | 68              | 291             | 346             | 300             |
| \$25,000 to \$49,999 .....  |               | 672                     | 13         | 26              | 189             | 244             | 153             |
| \$50,000 or more .....  |               | 593                     | 2          | 17              | 140             | 186             | 85              |
| Operators reporting net losses .....  | farms         | 16,655                  | 124        | 820             | 3,712           | 5,859           | 4,254           |
| Average net loss .....  | dollars       | 7,615                   | 4,961      | 7,476           | 8,139           | 7,757           | 7,870           |
| Loss of-<br>Less than \$1,000 .....   |               | 2,262                   | -          | 163             | 494             | 659             | 642             |
| \$1,000 to \$4,999 .....  |               | 7,164                   | 71         | 344             | 1,417           | 2,439           | 1,950           |
| \$5,000 to \$9,999 .....  |               | 3,894                   | 26         | 159             | 1,013           | 1,474           | 805             |
| \$10,000 to \$24,999 .....  |               | 2,397                   | 27         | 93              | 620             | 955             | 579             |
| \$25,000 to \$49,999 .....  |               | 710                     | -          | 38              | 91              | 282             | 215             |
| \$50,000 or more .....  |               | 228                     | -          | 23              | 77              | 50              | 63              |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>                                    |               |                         |            |                 |                 |                 |                 |
| Total .....   | farms \$1,000 | 546<br>3,357            | 7<br>4     | 49<br>176       | 162<br>1,015    | 181<br>1,003    | 95<br>712       |
| <b>INCOME FROM FARM-RELATED SOURCES</b>   |               |                         |            |                 |                 |                 |                 |
| Total income from farm-related sources, gross before taxes and expenses (see text) .... | farms \$1,000 | 5,397<br>30,009         | 36<br>183  | 246<br>1,164    | 1,186<br>6,370  | 1,817<br>10,312 | 1,299<br>7,696  |
| Customwork and other agricultural services .....  | farms \$1,000 | 697<br>3,121            | 11<br>19   | 46<br>180       | 208<br>1,078    | 230<br>701      | 140<br>774      |
| Gross cash rent or share payments .....   | farms \$1,000 | 2,645<br>9,734          | 16<br>114  | 114<br>364      | 512<br>1,318    | 850<br>2,880    | 671<br>3,265    |
| Sales of forest products, excluding Christmas trees and maple products .....            | farms \$1,000 | 661<br>4,273            | -<br>-     | 27<br>165       | 123<br>772      | 228<br>1,429    | 171<br>1,019    |
| Recreational services (see text) .....  | farms \$1,000 | 228<br>1,170            | 2<br>(D)   | 5<br>(D)        | 64<br>484       | 79<br>303       | 45<br>256       |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total farming<br>and other<br>occupations | Farming         |                         |              |              |               |               |              |
|--|---|-----------------|-------------------------|--------------|--------------|---------------|---------------|--------------|
|  |   | Total           | Age of operator (years) |              |              |               |               |              |
|  |   |                 | Under 25                | 25 to 34     | 35 to 44     | 45 to 54      | 55 to 64      | 65 and over  |
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>   |   |                 |                         |              |              |               |               |              |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                            |   |                 |                         |              |              |               |               |              |
| Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000                                      | 3,247<br>8,745                            | 2,744<br>8,214  | 19<br>26                | 100<br>167   | 536<br>1,800 | 815<br>2,720  | 690<br>2,497  | 584<br>1,004 |
| Other farm-related income sources (see text) .... farms \$1,000  | 5,177<br>51,067                           | 3,688<br>39,887 | 29<br>145               | 191<br>1,849 | 634<br>7,249 | 970<br>12,171 | 942<br>10,416 | 922<br>8,058 |
| <b>LAND USE</b>  |   |                 |                         |              |              |               |               |              |
| Total cropland .... farms  | 47,904                                    | 26,660          | 236                     | 1,162        | 4,572        | 6,260         | 6,463         | 7,967        |
| acres  | 7,983,574                                 | 6,636,623       | 43,622                  | 290,157      | 1,374,747    | 1,941,634     | 1,644,973     | 1,341,490    |
| Harvested cropland .... farms  | 38,244                                    | 22,649          | 197                     | 1,036        | 3,965        | 5,399         | 5,571         | 6,481        |
| acres  | 6,827,903                                 | 5,924,976       | 38,591                  | 269,852      | 1,277,208    | 1,771,169     | 1,471,990     | 1,096,166    |
| Farms by acres harvested:  |   |                 |                         |              |              |               |               |              |
| 1 to 49 acres .....  | 20,486                                    | 9,267           | 72                      | 407          | 1,562        | 2,035         | 2,236         | 2,955        |
| 50 to 99 acres .....   | 5,571                                     | 3,373           | 26                      | 137          | 481          | 683           | 829           | 1,217        |
| 100 to 199 acres .....   | 4,350                                     | 3,089           | 33                      | 145          | 459          | 667           | 775           | 1,010        |
| 200 to 499 acres .....   | 4,188                                     | 3,463           | 50                      | 167          | 659          | 904           | 872           | 811          |
| 500 to 999 acres .....   | 2,181                                     | 2,040           | 10                      | 120          | 439          | 650           | 523           | 298          |
| 1,000 to 1,999 acres .....   | 1,094                                     | 1,053           | 5                       | 47           | 270          | 345           | 241           | 145          |
| 2,000 acres or more .....  | 374                                       | 364             | 1                       | 13           | 95           | 115           | 95            | 45           |
| Cropland-  |   |                 |                         |              |              |               |               |              |
| For pasture or grazing only .... farms   | 16,190                                    | 8,898           | 98                      | 429          | 1,628        | 2,296         | 2,196         | 2,251        |
| acres  | 409,296                                   | 277,727         | 3,501                   | 10,120       | 43,937       | 74,652        | 69,455        | 76,062       |
| On which all crops failed .... farms   | 3,113                                     | 1,690           | 21                      | 50           | 308          | 436           | 365           | 510          |
| acres  | 69,071                                    | 42,188          | 461                     | 1,164        | 6,926        | 12,687        | 8,584         | 12,366       |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms | 15,120                                    | 7,555           | 27                      | 217          | 1,080        | 1,631         | 1,838         | 2,762        |
| acres  | 607,936                                   | 338,095         | 914                     | 7,357        | 39,412       | 71,384        | 82,305        | 136,723      |
| In cultivated summer fallow .... farms   | 2,567                                     | 1,677           | 4                       | 54           | 224          | 351           | 406           | 638          |
| acres  | 69,368                                    | 53,637          | 155                     | 1,664        | 7,264        | 11,742        | 12,639        | 20,173       |
| Total woodland .... farms  | 27,818                                    | 15,309          | 93                      | 521          | 2,297        | 3,641         | 3,989         | 4,768        |
| acres  | 1,224,237                                 | 783,881         | 2,359                   | 18,121       | 101,538      | 189,499       | 220,022       | 252,342      |
| Woodland pastured .... farms   | 5,316                                     | 3,078           | 34                      | 138          | 486          | 720           | 783           | 917          |
| acres  | 162,169                                   | 105,832         | 330                     | 3,892        | 11,535       | 28,318        | 26,259        | 35,498       |
| Woodland not pastured .... farms   | 24,853                                    | 13,622          | 73                      | 440          | 2,007        | 3,258         | 3,568         | 4,276        |
| acres  | 1,062,068                                 | 678,049         | 2,029                   | 14,229       | 90,003       | 161,181       | 193,763       | 216,844      |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms                           | 11,447                                    | 5,921           | 67                      | 324          | 1,156        | 1,552         | 1,377         | 1,445        |
| acres  | 254,062                                   | 153,212         | 1,323                   | 5,900        | 23,348       | 43,159        | 36,215        | 43,267       |
| Land in house lots, ponds, roads, wasteland, etc. .... farms   | 35,435                                    | 19,395          | 113                     | 747          | 3,328        | 4,780         | 4,677         | 5,750        |
| acres  | 681,085                                   | 453,318         | 1,564                   | 11,305       | 69,986       | 113,945       | 116,727       | 139,791      |
| Irrigated land .... farms  | 4,413                                     | 3,038           | 14                      | 161          | 694          | 876           | 711           | 582          |
| acres  | 456,278                                   | 426,705         | 1,857                   | 20,665       | 116,709      | 121,787       | 95,066        | 70,621       |
| Harvested cropland .... farms  | 4,244                                     | 2,937           | 14                      | 152          | 680          | 839           | 683           | 569          |
| acres  | 453,968                                   | 425,079         | 1,857                   | 20,544       | 116,354      | 121,306       | 94,675        | 70,343       |
| Pastureland and other land .... farms  | 235                                       | 139             | -                       | 11           | 25           | 50            | 35            | 18           |
| acres  | 2,310                                     | 1,626           | -                       | 121          | 355          | 481           | 391           | 278          |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |   |                 |                         |              |              |               |               |              |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms  | 6,593                                     | 3,282           | 18                      | 77           | 396          | 638           | 755           | 1,398        |
| acres  | 296,666                                   | 164,291         | 466                     | 3,175        | 14,162       | 28,257        | 34,787        | 83,444       |
| Land used to raise certified organically produced crops (see text) .... farms  | 281                                       | 182             | -                       | 10           | 32           | 41            | 54            | 45           |
| acres  | 25,386                                    | 20,464          | -                       | 1,048        | 6,066        | 4,433         | 6,357         | 2,560        |
| Land enrolled in Federal or other crop insurance programs (see text) .... farms                                      | 7,921                                     | 6,373           | 61                      | 337          | 1,290        | 1,787         | 1,565         | 1,333        |
| acres  | 3,401,787                                 | 3,151,206       | 19,626                  | 149,563      | 738,593      | 1,017,128     | 778,263       | 448,033      |
| <b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>  |   |                 |                         |              |              |               |               |              |
| Estimated market value of land and buildings .... farms  | 53,296                                    | 28,465          | 311                     | 1,398        | 4,514        | 6,989         | 6,735         | 8,518        |
| \$1,000  | 27,143,604                                | 20,015,326      | 135,154                 | 861,775      | 3,622,617    | 5,832,209     | 5,012,726     | 4,550,845    |
| Average per farm .... dollars  | 509,299                                   | 703,156         | 434,579                 | 616,434      | 802,529      | 834,484       | 744,280       | 534,262      |
| Average per acre .... dollars  | 2,667                                     | 2,495           | 2,608                   | 2,769        | 2,494        | 2,484         | 2,489         | 2,468        |
| Farms by value group:  |   |                 |                         |              |              |               |               |              |
| \$1 to \$49,999 .....  | 3,811                                     | 1,587           | 5                       | 190          | 310          | 371           | 298           | 413          |
| \$50,000 to \$99,999 .....   | 5,335                                     | 2,189           | 34                      | 160          | 294          | 371           | 419           | 911          |
| \$100,000 to \$199,999 .....   | 13,564                                    | 6,017           | 102                     | 240          | 949          | 1,318         | 1,431         | 1,977        |
| \$200,000 to \$499,999 .....   | 17,482                                    | 8,832           | 92                      | 393          | 1,339        | 2,124         | 2,089         | 2,795        |
| \$500,000 to \$999,999 .....   | 6,913                                     | 4,642           | 53                      | 195          | 645          | 1,166         | 1,167         | 1,416        |
| \$1,000,000 to \$1,999,999 .....   | 3,640                                     | 2,905           | 6                       | 113          | 530          | 924           | 750           | 582          |
| \$2,000,000 to \$4,999,999 .....   | 2,074                                     | 1,837           | 18                      | 81           | 354          | 572           | 466           | 346          |
| \$5,000,000 to \$9,999,999 .....   | 396                                       | 379             | 1                       | 25           | 80           | 109           | 101           | 63           |
| \$10,000,000 or more .....   | 81  | 77              | -                       | 1            | 13           | 34            | 14            | 15           |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total           | Other occupations       |           |              |              |              |              |  |
|--|-----------------|-------------------------|-----------|--------------|--------------|--------------|--------------|--|
|  |                 | Age of operator (years) |           |              |              |              |              |  |
|  |                 | Under 25                | 25 to 34  | 35 to 44     | 45 to 54     | 55 to 64     | 65 and over  |  |
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>   |                 |                         |           |              |              |              |              |  |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                            |                 |                         |           |              |              |              |              |  |
| Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000                                      | 503<br>531      | 9<br>(D)                | 25<br>(D) | 110<br>57    | 173<br>133   | 128<br>230   | 58<br>48     |  |
| Other farm-related income sources (see text) .... farms \$1,000  | 1,489<br>11,180 | 10<br>30                | 69<br>406 | 346<br>2,661 | 546<br>4,865 | 337<br>2,154 | 181<br>1,064 |  |
| <b>LAND USE</b>  |                 |                         |           |              |              |              |              |  |
| Total cropland .... farms  | 21,244          | 151                     | 1,062     | 4,677        | 7,163        | 5,024        | 3,167        |  |
| acres  | 1,346,951       | 9,751                   | 72,299    | 302,060      | 427,031      | 315,147      | 220,663      |  |
| Harvested cropland .... farms  | 15,595          | 115                     | 848       | 3,566        | 5,318        | 3,646        | 2,102        |  |
| acres  | 902,927         | 7,991                   | 58,114    | 226,213      | 291,338      | 196,730      | 122,541      |  |
| Farms by acres harvested:  |                 |                         |           |              |              |              |              |  |
| 1 to 49 acres .....  | 11,219          | 72                      | 547       | 2,535        | 3,859        | 2,677        | 1,529        |  |
| 50 to 99 acres .....   | 2,198           | 22                      | 133       | 478          | 743          | 509          | 313          |  |
| 100 to 199 acres .....   | 1,261           | 9                       | 94        | 288          | 436          | 276          | 158          |  |
| 200 to 499 acres .....   | 725             | 12                      | 64        | 218          | 218          | 143          | 70           |  |
| 500 to 999 acres .....   | 141             | -                       | 8         | 32           | 49           | 30           | 22           |  |
| 1,000 to 1,999 acres .....   | 41              | -                       | 2         | 13           | 11           | 8            | 7            |  |
| 2,000 acres or more .....  | 10              | -                       | -         | 2            | 2            | 3            | 3            |  |
| Cropland-  |                 |                         |           |              |              |              |              |  |
| For pasture or grazing only .... farms   | 7,292           | 40                      | 349       | 1,717        | 2,671        | 1,775        | 740          |  |
| acres  | 131,569         | 529                     | 6,683     | 27,088       | 44,365       | 35,606       | 17,298       |  |
| On which all crops failed .... farms   | 1,423           | 4                       | 64        | 372          | 485          | 317          | 181          |  |
| acres  | 26,883          | (D)                     | (D)       | 6,670        | 7,924        | 6,457        | 4,649        |  |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms | 7,565           | 27                      | 239       | 1,463        | 2,392        | 1,963        | 1,481        |  |
| acres  | 269,841         | 1,155                   | 5,743     | 39,948       | 78,002       | 71,986       | 73,007       |  |
| In cultivated summer fallow .... farms   | 890             | 2                       | 37        | 132          | 314          | 251          | 154          |  |
| acres  | 15,731          | (D)                     | (D)       | 2,141        | 5,402        | 4,368        | 3,168        |  |
| Total woodland .... farms  | 12,509          | 53                      | 483       | 2,609        | 4,282        | 3,151        | 1,931        |  |
| acres  | 440,356         | 1,288                   | 16,320    | 71,380       | 137,979      | 116,991      | 96,398       |  |
| Woodland pastured .... farms   | 2,238           | 11                      | 104       | 484          | 803          | 537          | 299          |  |
| acres  | 56,337          | 49                      | 3,989     | 10,191       | 16,486       | 13,639       | 11,983       |  |
| Woodland not pastured .... farms   | 11,231          | 42                      | 411       | 2,321        | 3,839        | 2,852        | 1,766        |  |
| acres  | 384,019         | 1,239                   | 12,331    | 61,189       | 121,493      | 103,352      | 84,415       |  |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms                           | 5,526           | 37                      | 248       | 1,292        | 2,018        | 1,359        | 572          |  |
| acres  | 100,850         | 824                     | 3,988     | 19,159       | 33,747       | 27,916       | 15,216       |  |
| Land in house lots, ponds, roads, wasteland, etc. .... farms   | 16,040          | 92                      | 706       | 3,557        | 5,515        | 3,911        | 2,259        |  |
| acres  | 227,767         | 573                     | 8,688     | 40,391       | 71,551       | 65,130       | 41,434       |  |
| Irrigated land .... farms  | 1,375           | 12                      | 69        | 347          | 463          | 312          | 172          |  |
| acres  | 29,573          | 1,521                   | 3,363     | 4,975        | 8,795        | 6,623        | 4,306        |  |
| Harvested cropland .... farms  | 1,307           | 12                      | 66        | 327          | 443          | 291          | 168          |  |
| acres  | 28,889          | 1,521                   | 3,349     | 4,781        | 8,652        | 6,302        | 4,284        |  |
| Pastureland and other land .... farms  | 96              | -                       | 4         | 27           | 28           | 30           | 7            |  |
| acres  | 684             | -                       | 14        | 194          | 133          | 321          | 22           |  |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                 |                         |           |              |              |              |              |  |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms  | 3,311           | 7                       | 138       | 580          | 943          | 837          | 806          |  |
| acres  | 132,375         | 475                     | 3,586     | 17,703       | 35,745       | 34,121       | 40,745       |  |
| Land used to raise certified organically produced crops (see text) .... farms  | 99              | 4                       | 6         | 22           | 31           | 20           | 16           |  |
| acres  | 4,922           | 86                      | 177       | 1,264        | 1,513        | 761          | 1,121        |  |
| Land enrolled in Federal or other crop insurance programs (see text) .... farms                                      | 1,548           | 11                      | 147       | 367          | 461          | 363          | 199          |  |
| acres  | 250,581         | 948                     | 19,860    | 70,793       | 72,520       | 50,476       | 35,984       |  |
| <b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>   |                 |                         |           |              |              |              |              |  |
| Estimated market value of land and buildings .... farms  | 24,831          | 142                     | 1,156     | 5,542        | 8,594        | 6,167        | 3,230        |  |
| \$1,000 dollars  | 7,128,278       | 20,051                  | 317,409   | 1,601,662    | 2,306,866    | 1,961,686    | 920,605      |  |
| Average per farm .... dollars  | 287,072         | 141,201                 | 274,575   | 289,004      | 268,428      | 318,094      | 285,017      |  |
| Average per acre .... dollars  | 3,303           | 3,971                   | 3,008     | 3,307        | 3,323        | 3,597        | 2,847        |  |
| Farms by value group:  |                 |                         |           |              |              |              |              |  |
| \$1 to \$49,999 .....  | 2,224           | 23                      | 154       | 452          | 852          | 421          | 322          |  |
| \$50,000 to \$99,999 .....   | 3,146           | 53                      | 118       | 743          | 896          | 745          | 591          |  |
| \$100,000 to \$199,999 .....   | 7,547           | 25                      | 339       | 1,914        | 2,539        | 1,773        | 957          |  |
| \$200,000 to \$499,999 .....   | 8,650           | 39                      | 366       | 1,839        | 3,309        | 2,187        | 910          |  |
| \$500,000 to \$999,999 .....   | 2,271           | 2                       | 135       | 324          | 782          | 709          | 319          |  |
| \$1,000,000 to \$1,999,999 .....   | 735             | -                       | 28        | 172          | 169          | 256          | 110          |  |
| \$2,000,000 to \$4,999,999 .....   | 237             | -                       | 16        | 95           | 41           | 68           | 17           |  |
| \$5,000,000 to \$9,999,999 .....   | 17              | -                       | -         | 2            | 5            | 7            | 3            |  |
| \$10,000,000 or more .....   | 4               | -                       | -         | 1            | 1            | 1            | 1            |  |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total farming<br>and other<br>occupations | Farming             |                         |               |                  |                  |                    |                    |
|--|---|---------------------|-------------------------|---------------|------------------|------------------|--------------------|--------------------|
|  |   | Total               | Age of operator (years) |               |                  |                  |                    |                    |
|  |   |                     | Under 25                | 25 to 34      | 35 to 44         | 45 to 54         | 55 to 64           | 65 and over        |
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>              |   |                     |                         |               |                  |                  |                    |                    |
| Estimated market value of all machinery and equipment .....      | farms \$1,000                             | 50,891<br>3,761,334 | 27,451<br>2,873,724     | 311<br>14,883 | 1,361<br>122,834 | 4,369<br>548,647 | 6,763<br>832,066   | 6,546<br>727,918   |
| Farms by value group:  |   |                     |                         |               |                  |                  |                    |                    |
| \$1 to \$4,999 .....   |   | 7,859               | 3,238                   | 105           | 178              | 435              | 785                | 569                |
| \$5,000 to \$9,999 .....   |   | 6,747               | 2,726                   | 14            | 128              | 378              | 658                | 740                |
| \$10,000 to \$19,999 .....                                       |   | 7,922               | 3,628                   | 32            | 194              | 653              | 745                | 827                |
| \$20,000 to \$49,999 .....                                       |   | 12,075              | 5,922                   | 83            | 291              | 839              | 1,225              | 1,472              |
| \$50,000 to \$99,999 .....                                       |   | 6,659               | 4,369                   | 46            | 194              | 607              | 1,222              | 1,008              |
| \$100,000 to \$199,999 .....                                     |   | 4,515               | 3,258                   | 14            | 167              | 607              | 800                | 843                |
| \$200,000 to \$499,999 .....                                     |   | 3,831               | 3,133                   | 16            | 179              | 589              | 968                | 827                |
| \$500,000 or more .....  |   | 1,283               | 1,177                   | 1             | 30               | 261              | 360                | 602                |
|  |   |                     |                         |               |                  |                  |                    | 217                |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>              |   |                     |                         |               |                  |                  |                    |                    |
| Tractors .....   | farms number                              | 47,627<br>137,474   | 25,968<br>89,794        | 282<br>537    | 1,225<br>3,356   | 4,015<br>13,829  | 6,456<br>23,174    | 6,290<br>23,306    |
| Less than 40 horsepower (PTO) .....                              | farms number                              | 27,941<br>45,749    | 14,776<br>26,016        | 154<br>158    | 563<br>818       | 2,085<br>3,690   | 3,550<br>6,343     | 3,661<br>6,759     |
| 40 to 99 horsepower (PTO) .....                                  | farms number                              | 32,722<br>61,456    | 19,072<br>39,982        | 118<br>176    | 813<br>1,527     | 2,916<br>5,710   | 4,680<br>10,130    | 4,771<br>10,331    |
| 100 horsepower (PTO) or more .....                               | farms number                              | 15,011<br>30,269    | 10,586<br>23,796        | 113<br>203    | 538<br>1,011     | 1,823<br>4,429   | 2,757<br>6,701     | 2,721<br>6,216     |
| Grain and bean combines (see text) .....                         | farms number                              | 12,487<br>14,308    | 9,051<br>10,465         | 61<br>80      | 397<br>453       | 1,378<br>1,580   | 2,286<br>2,654     | 2,359<br>2,759     |
| Cotton pickers and strippers .....                               | farms number                              | -<br>-              | -<br>-                  | -<br>-        | -<br>-           | -<br>-           | -<br>-             | -<br>-             |
| Forage harvesters, self-propelled (see text) .....               | farms number                              | 1,933<br>2,240      | 1,298<br>1,482          | 33<br>33      | 122<br>133       | 204<br>222       | 304<br>348         | 309<br>366         |
| Hay balers .....   | farms number                              | 18,508<br>23,012    | 10,738<br>13,728        | 123<br>170    | 380<br>450       | 1,548<br>1,944   | 2,644<br>3,547     | 2,825<br>3,550     |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>                     |   |                     |                         |               |                  |                  |                    |                    |
| Commercial fertilizer, lime, and soil conditioners .....         | farms acres treated                       | 25,388<br>5,476,283 | 16,275<br>4,825,928     | 175<br>28,471 | 832<br>216,593   | 2,781<br>992,057 | 3,953<br>1,476,639 | 3,866<br>1,219,250 |
| Manure .....   | farms acres treated                       | 11,955<br>700,621   | 7,864<br>613,841        | 114<br>4,515  | 398<br>26,336    | 1,347<br>126,529 | 2,141<br>201,637   | 2,065<br>150,588   |
| Acres treated with chemicals to control:                         |   |                     |                         |               |                  |                  |                    |                    |
| Insects .....  | farms acres                               | 8,314<br>990,827    | 5,823<br>897,296        | 34<br>4,384   | 403<br>39,243    | 1,108<br>175,947 | 1,456<br>275,297   | 1,450<br>253,972   |
| Weeds, grass, or brush .....                                     | farms acres                               | 18,709<br>4,387,194 | 12,611<br>3,880,068     | 143<br>27,771 | 682<br>184,520   | 2,235<br>808,290 | 2,991<br>1,173,735 | 3,099<br>972,163   |
| Nematodes .....  | farms acres                               | 971<br>86,159       | 637<br>78,224           | -<br>-        | 59<br>4,580      | 130<br>16,633    | 185<br>24,841      | 144<br>17,420      |
| Diseases in crops and orchards .....                             | farms acres                               | 3,315<br>346,183    | 2,376<br>307,677        | 4<br>832      | 107<br>13,899    | 516<br>68,044    | 569<br>97,120      | 593<br>73,451      |
| Chemicals used to control growth, thin fruit, or defoliate ..... | farms acres on which used                 | 1,062<br>86,216     | 752<br>75,313           | 16<br>542     | 17<br>3,970      | 113<br>12,756    | 240<br>25,447      | 182<br>18,070      |
| <b>TENURE</b>  |   |                     |                         |               |                  |                  |                    |                    |
| Full owners .....  | farms                                     | 37,089              | 17,868                  | 107           | 576              | 2,705            | 3,840              | 4,240              |
| Part owners .....  | farms                                     | 14,199              | 10,093                  | 79            | 512              | 2,126            | 2,895              | 2,550              |
| Tenants .....  | farms                                     | 2,027               | 1,110                   | 65            | 233              | 310              | 251                | 146                |
| <b>OWNED AND RENTED LAND</b>                                     |   |                     |                         |               |                  |                  |                    |                    |
| Land owned .....   | farms acres                               | 51,404<br>6,811,257 | 28,017<br>4,920,174     | 186<br>26,486 | 1,095<br>123,525 | 4,840<br>732,404 | 6,750<br>1,244,363 | 6,799<br>1,327,071 |
| Owned land in farms .....  | farms acres                               | 51,288<br>6,272,344 | 27,961<br>4,611,647     | 186<br>23,627 | 1,088<br>117,472 | 4,831<br>688,488 | 6,735<br>1,190,777 | 6,790<br>1,248,209 |
| Land rented or leased from others .....                          | farms acres                               | 16,374<br>3,908,154 | 11,295<br>3,446,692     | 146<br>25,411 | 752<br>209,528   | 2,460<br>890,122 | 3,161<br>1,102,362 | 2,713<br>779,336   |
| Rented or leased land in farms .....                             | farms acres                               | 16,226<br>3,870,614 | 11,203<br>3,415,387     | 144<br>25,241 | 745<br>208,011   | 2,436<br>881,131 | 3,146<br>1,097,460 | 2,696<br>769,728   |
| Land rented or leased to others .....                            | farms acres                               | 8,026<br>576,453    | 4,072<br>339,832        | 23<br>3,029   | 123<br>7,570     | 620<br>52,907    | 796<br>58,488      | 1,012<br>88,470    |
| <b>NUMBER OF OPERATORS</b>                                       |   |                     |                         |               |                  |                  |                    |                    |
| Total operators .....  | number                                    | 79,883              | 43,873                  | 360           | 2,022            | 8,140            | 11,003             | 10,484             |
| Farms by number of operators:                                    |   |                     |                         |               |                  |                  |                    |                    |
| 1 operator .....   |   | 31,833              | 17,369                  | 154           | 757              | 2,785            | 3,867              | 4,086              |
| 2 operators .....  |   | 18,086              | 9,564                   | 85            | 474              | 1,929            | 2,511              | 2,352              |
| 3 operators .....  |   | 2,376               | 1,513                   | 12            | 63               | 284              | 431                | 355                |
| 4 operators .....  |   | 693                 | 432                     | -             | 19               | 100              | 113                | 89                 |
| 5 or more operators .....  |   | 327                 | 193                     | -             | 8                | 43               | 64                 | 32                 |
| Total women operators .....                                      | number                                    | 22,560              | 11,533                  | 89            | 573              | 2,395            | 3,209              | 2,729              |
| Farms by number of women operators:                              |   |                     |                         |               |                  |                  |                    |                    |
| 1 operator .....   |   | 19,397              | 9,878                   | 71            | 495              | 1,968            | 2,694              | 2,384              |
| 2 operators .....  |   | 1,238               | 671                     | 9             | 28               | 170              | 195                | 141                |
| 3 operators .....  |   | 152                 | 67                      | -             | 1                | 22               | 23                 | 17                 |
| 4 operators .....  |   | 28                  | 16                      | -             | -                | 4                | 8                  | 3                  |
| 5 or more operators .....  |   | 16                  | 7                       | -             | 2                | 1                | 4                  | -                  |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                               | Other occupations       |               |                  |                  |                  |                  |
|--|-------------------------------------|-------------------------|---------------|------------------|------------------|------------------|------------------|
|  |                                     | Age of operator (years) |               |                  |                  |                  |                  |
|  |                                     | Under 25                | 25 to 34      | 35 to 44         | 45 to 54         | 55 to 64         | 65 and over      |
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>              |                                     |                         |               |                  |                  |                  |                  |
| Estimated market value of all machinery and equipment .....      | farms \$1,000<br>887,610            | 23,440<br>8,727         | 142<br>47,692 | 1,103<br>222,945 | 5,287<br>310,703 | 8,148<br>5,709   | 5,709<br>200,169 |
| Farms by value group:  |                                     |                         |               |                  |                  |                  |                  |
| \$1 to \$4,999 .....   |                                     | 4,621                   | 22            | 221              | 980              | 1,534            | 1,160            |
| \$5,000 to \$9,999 .....   |                                     | 4,021                   | 27            | 136              | 833              | 1,306            | 945              |
| \$10,000 to \$19,999 .....                                       |                                     | 4,294                   | 3             | 209              | 1,058            | 1,510            | 998              |
| \$20,000 to \$49,999 .....                                       |                                     | 6,153                   | 49            | 249              | 1,369            | 2,318            | 1,598            |
| \$50,000 to \$99,999 .....                                       |                                     | 2,290                   | -             | 169              | 566              | 777              | 478              |
| \$100,000 to \$199,999 .....                                     |                                     | 1,257                   | 26            | 80               | 239              | 488              | 352              |
| \$200,000 to \$499,999 .....                                     |                                     | 698                     | 15            | 33               | 201              | 183              | 157              |
| \$500,000 or more .....  |                                     | 106                     | -             | 6                | 41               | 32               | 21               |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>              |                                     |                         |               |                  |                  |                  |                  |
| Tractors .....   | farms number<br>47,680              | 21,659<br>221           | 142<br>2,032  | 984<br>10,697    | 4,798<br>16,425  | 7,546<br>11,949  | 5,308<br>11,949  |
| Less than 40 horsepower (PTO) .....                              | farms number<br>13,165              | 13,165<br>29            | 29<br>520     | 29<br>730        | 2,921<br>4,505   | 4,520<br>6,501   | 3,330<br>5,099   |
| 40 to 99 horsepower (PTO) .....                                  | farms number<br>13,650              | 13,650<br>92            | 92<br>603     | 2,967<br>4,674   | 4,922<br>7,600   | 3,388<br>5,541   | 1,678<br>2,642   |
| 100 horsepower (PTO) or more .....                               | farms number<br>6,473               | 4,425<br>71             | 58<br>406     | 249<br>1,518     | 1,014<br>2,324   | 1,618<br>1,309   | 954<br>845       |
| Grain and bean combines (see text) .....                         | farms number<br>3,843               | 3,436<br>39             | 39<br>309     | 271<br>866       | 735<br>1,321     | 1,216<br>-       | 726<br>793       |
| Cotton pickers and strippers .....                               | farms number<br>-                   | -                       | -             | -                | -                | -                | -                |
| Forage harvesters, self-propelled (see text) .....               | farms number<br>758                 | 635<br>-                | -<br>20       | 20<br>161        | 163<br>197       | 221<br>279       | 70<br>76         |
| Hay balers .....   | farms number<br>9,284               | 7,770<br>67             | 64<br>362     | 280<br>1,840     | 1,840<br>2,240   | 2,720<br>3,237   | 1,882<br>2,242   |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>                     |                                     |                         |               |                  |                  |                  |                  |
| Commercial fertilizer, lime, and soil conditioners .....         | farms acres treated<br>650,355      | 9,113<br>1,560          | 41<br>53,878  | 500<br>185,906   | 2,118<br>216,464 | 3,386<br>130,585 | 2,170<br>130,585 |
| Manure .....   | farms acres treated<br>4,091        | 4,091<br>16             | 16<br>176     | 1,073<br>24,170  | 1,463<br>27,534  | 1,463<br>27,534  | 930<br>20,627    |
| Acres treated with chemicals to control:                         |                                     |                         |               |                  |                  |                  |                  |
| Insects .....  | farms acres<br>93,531               | 2,491<br>-              | -<br>185      | 590<br>21,023    | 875<br>27,770    | 561<br>27,770    | 280<br>27,183    |
| Weeds, grass, or brush .....                                     | farms acres<br>6,098                | 6,098<br>36             | 6,313<br>420  | 1,549<br>1,549   | 2,311<br>173,129 | 1,284<br>93,771  | 11,242<br>44,254 |
| Nematodes .....  | farms acres<br>507,126              | 334<br>-                | 1,064<br>38   | 37,736<br>(D)    | 157,172<br>1,895 | 173,129<br>1,692 | 110<br>3,779     |
| Diseases in crops and orchards .....                             | farms acres<br>939                  | 7,935<br>-              | -<br>70       | 234<br>5,239     | 300<br>10,304    | 207<br>10,304    | (D)<br>128       |
| Chemicals used to control growth, thin fruit, or defoliate ..... | farms acres on which used<br>10,903 | 310<br>-                | -<br>(D)      | 1<br>1,964       | 54<br>1,964      | 137<br>1,666     | 81<br>5,829      |
| <b>TENURE</b>  |                                     |                         |               |                  |                  |                  |                  |
| Full owners .....  | farms<br>4,106                      | 19,221<br>21            | 112<br>286    | 774<br>1,108     | 3,979<br>261     | 6,484<br>292     | 4,724<br>895     |
| Part owners .....  | farms<br>917                        | -                       | 51            | 151              | -                | -                | 331<br>125       |
| Tenants .....  | farms<br>-                          | -                       | -             | -                | -                | -                | 37<br>37         |
| <b>OWNED AND RENTED LAND</b>                                     |                                     |                         |               |                  |                  |                  |                  |
| Land owned .....   | farms acres<br>1,891,083            | 23,387<br>8,366         | 135<br>67,941 | 1,066<br>324,982 | 5,092<br>589,319 | 7,975<br>513,344 | 5,632<br>387,131 |
| Owned land in farms .....  | farms acres<br>1,660,697            | 23,327<br>6,419         | 133<br>59,682 | 1,060<br>287,364 | 5,087<br>521,569 | 7,949<br>513,344 | 3,479<br>335,912 |
| Land rented or leased from others .....                          | farms acres<br>461,462              | 5,079<br>6,017          | 72<br>440     | 1,381<br>41,895  | 1,775<br>146,632 | 1,031<br>151,445 | 380<br>76,744    |
| Rented or leased land in farms .....                             | farms acres<br>455,227              | 5,023<br>6,017          | 72<br>437     | 1,369<br>41,613  | 1,757<br>145,626 | 1,020<br>148,739 | 368<br>75,433    |
| Land rented or leased to others .....                            | farms acres<br>236,621              | 3,954<br>1,947          | 27<br>8,541   | 165<br>38,624    | 789<br>70,456    | 1,238<br>70,456  | 999<br>64,904    |
| <b>NUMBER OF OPERATORS</b>                                       |                                     |                         |               |                  |                  |                  |                  |
| Total operators .....  | number<br>36,010                    | 269                     | 1,863         | 8,224            | 12,428           | 8,351            | 4,875            |
| Farms by number of operators:                                    |                                     |                         |               |                  |                  |                  |                  |
| 1 operator .....   |                                     | 14,464                  | 126           | 697              | 2,993            | 4,696            | 3,563            |
| 2 operators .....  |                                     | 8,522                   | 44            | 452              | 2,060            | 3,112            | 2,389            |
| 3 operators .....  |                                     | 863                     | 7             | 39               | 169              | 310              | 967              |
| 4 operators .....  |                                     | 261                     | 3             | 16               | 81               | 55               | 120              |
| 5 or more operators .....  |                                     | 134                     | 4             | 7                | 45               | 43               | 26               |
| Total women operators .....                                      | number<br>11,027                    | 79                      | 556           | 2,591            | 4,063            | 2,440            | 1,298            |
| Farms by number of women operators:                              |                                     |                         |               |                  |                  |                  |                  |
| 1 operator .....   |                                     | 9,519                   | 42            | 466              | 2,221            | 3,556            | 2,111            |
| 2 operators .....  |                                     | 567                     | 9             | 17               | 115              | 210              | 144              |
| 3 operators .....  |                                     | 85                      | 3             | 6                | 36               | 26               | 72               |
| 4 operators .....  |                                     | 12                      | -             | 2                | 4                | 1                | 5                |
| 5 or more operators .....  |                                     | 9                       | 2             | 2                | 2                | 1                | 4                |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total farming<br>and other<br>occupations | Farming             |                         |               |                  |                    |                    |                    |
|--|---|---------------------|-------------------------|---------------|------------------|--------------------|--------------------|--------------------|
|  |   | Total               | Age of operator (years) |               |                  |                    |                    |                    |
|  |   |                     | Under 25                | 25 to 34      | 35 to 44         | 45 to 54           | 55 to 64           | 65 and over        |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |   |                     |                         |               |                  |                    |                    |                    |
| Sex of operator:   |   |                     |                         |               |                  |                    |                    |                    |
| Male .....   | 47,411                                    | 25,983              | 221                     | 1,149         | 4,421            | 6,072              | 6,372              | 7,748              |
| Female .....   | 5,904                                     | 3,088               | 30                      | 172           | 720              | 914                | 564                | 688                |
| Primary occupation:  |   |                     |                         |               |                  |                    |                    |                    |
| Farming .....  | 29,071                                    | 29,071              | 251                     | 1,321         | 5,141            | 6,986              | 6,936              | 8,436              |
| Other .....  | 24,244                                    | -                   | -                       | -             | -                | -                  | -                  | -                  |
| Place of residence:  |   |                     |                         |               |                  |                    |                    |                    |
| On farm operated .....                                       | 46,192                                    | 26,042              | 188                     | 1,052         | 4,457            | 6,242              | 6,316              | 7,787              |
| Not on farm operated .....                                   | 7,123                                     | 3,029               | 63                      | 269           | 684              | 744                | 620                | 649                |
| Days worked off farm:  |   |                     |                         |               |                  |                    |                    |                    |
| None .....   | 23,109                                    | 17,746              | 107                     | 488           | 2,169            | 3,444              | 4,381              | 7,157              |
| Any .....  | 30,206                                    | 11,325              | 144                     | 833           | 2,972            | 3,542              | 2,555              | 1,279              |
| 1 to 49 days .....   | 2,751                                     | 1,984               | 20                      | 125           | 384              | 518                | 535                | 402                |
| 50 to 99 days .....  | 1,598                                     | 1,106               | 10                      | 49            | 217              | 234                | 306                | 290                |
| 100 to 199 days .....  | 3,510                                     | 1,650               | 14                      | 125           | 355              | 485                | 446                | 225                |
| 200 days or more .....                                       | 22,347                                    | 6,585               | 100                     | 534           | 2,016            | 2,305              | 1,268              | 362                |
| Years on present farm:                                       |   |                     |                         |               |                  |                    |                    |                    |
| 2 years or less .....  | 1,537                                     | 711                 | 69                      | 122           | 198              | 149                | 107                | 66                 |
| 3 or 4 years .....   | 3,154                                     | 1,329               | 89                      | 253           | 447              | 279                | 173                | 88                 |
| 5 to 9 years .....   | 8,777                                     | 3,762               | 93                      | 531           | 1,236            | 1,020              | 578                | 304                |
| 10 years or more .....                                       | 39,847                                    | 23,269              | -                       | 415           | 3,260            | 5,538              | 6,078              | 7,978              |
| Average years on present farm .....                          | 21.5                                      | 24.8                | 3.9                     | 7.5           | 13.2             | 19.3               | 26.2               | 38.5               |
| Age group:   |   |                     |                         |               |                  |                    |                    |                    |
| Under 25 years .....   | 435                                       | 251                 | 251                     | -             | -                | -                  | -                  | -                  |
| 25 to 34 years .....   | 2,532                                     | 1,321               | -                       | 1,321         | -                | -                  | -                  | -                  |
| 35 to 44 years .....   | 10,489                                    | 5,141               | -                       | -             | 5,141            | -                  | -                  | -                  |
| 45 to 49 years .....   | 7,462                                     | 3,494               | -                       | -             | -                | 3,494              | -                  | -                  |
| 50 to 54 years .....   | 7,765                                     | 3,492               | -                       | -             | -                | 3,492              | -                  | -                  |
| 55 to 59 years .....   | 6,666                                     | 3,453               | -                       | -             | -                | -                  | 3,453              | -                  |
| 60 to 64 years .....   | 6,014                                     | 3,483               | -                       | -             | -                | -                  | 3,483              | -                  |
| 65 to 69 years .....   | 4,407                                     | 2,929               | -                       | -             | -                | -                  | -                  | 2,929              |
| 70 years and over .....                                      | 7,345                                     | 5,507               | -                       | -             | -                | -                  | -                  | 5,507              |
| Average age .....  | 54.2                                      | 56.0                | 22.6                    | 30.6          | 40.3             | 49.5               | 59.5               | 73.1               |
| Spanish, Hispanic, or Latino origin (see text) .....         | 828                                       | 516                 | 4                       | 21            | 90               | 131                | 81                 | 189                |
| Race:  |   |                     |                         |               |                  |                    |                    |                    |
| White .....  | 52,795                                    | 28,826              | 251                     | 1,309         | 5,099            | 6,901              | 6,882              | 8,384              |
| Black or African American .....                              | 184                                       | 86                  | -                       | 3             | 14               | 20                 | 22                 | 27                 |
| American Indian or Alaska Native .....                       | 146                                       | 80                  | -                       | 4             | 16               | 28                 | 18                 | 14                 |
| Native Hawaiian or Other Pacific Islander .....              | 13  | 5                   | -                       | 4             | -                | -                  | 1                  | -                  |
| Asian .....  | 30  | 13                  | -                       | 1             | 4                | 6                  | 2                  | -                  |
| More than one race reported .....                            | 147                                       | 61                  | -                       | -             | 8                | 31                 | 11                 | 11                 |
| Operators living on an American Indian reservation .....     | 76  | 35                  | -                       | 2             | 7                | 5                  | 8                  | 13                 |
| Farms by number of persons living in operator's household:   |   |                     |                         |               |                  |                    |                    |                    |
| 1 person .....   | 5,692                                     | 3,325               | 43                      | 150           | 384              | 614                | 698                | 1,436              |
| 2 people .....   | 24,554                                    | 14,285              | 82                      | 265           | 733              | 2,330              | 4,820              | 6,055              |
| 3 people .....   | 7,823                                     | 3,923               | 46                      | 248           | 755              | 1,372              | 821                | 681                |
| 4 people .....   | 8,162                                     | 3,845               | 48                      | 340           | 1,541            | 1,411              | 358                | 147                |
| 5 or more people .....                                       | 7,084                                     | 3,693               | 32                      | 318           | 1,728            | 1,259              | 239                | 117                |
| Percent of operator's total household income from farming:   |   |                     |                         |               |                  |                    |                    |                    |
| Less than 25 percent .....                                   | 34,565                                    | 14,481              | 135                     | 612           | 2,459            | 3,186              | 3,285              | 4,804              |
| 25 to 49 percent .....                                       | 5,262                                     | 3,353               | 34                      | 134           | 466              | 631                | 824                | 1,264              |
| 50 to 74 percent .....                                       | 4,734                                     | 3,713               | 20                      | 152           | 568              | 856                | 785                | 1,332              |
| 75 to 99 percent .....                                       | 3,083                                     | 2,676               | 13                      | 147           | 505              | 681                | 550                | 780                |
| 100 percent .....  | 4,646                                     | 4,203               | 42                      | 223           | 969              | 1,429              | 1,367              | 173                |
| Operator is a hired manager .....                            | farms<br>acres                            | 1,025<br>396,227    | 645<br>342,660          | 7<br>644      | 53<br>23,123     | 174<br>94,156      | 203<br>114,701     | 125<br>65,674      |
| Farms with-  |   |                     |                         |               |                  |                    |                    |                    |
| Computer for farm business .....                             | 20,937                                    | 11,916              | 126                     | 718           | 3,031            | 3,720              | 2,747              | 1,574              |
| Internet access .....  | 27,663                                    | 13,987              | 130                     | 785           | 3,382            | 4,393              | 3,290              | 2,007              |
| Farms by number of households sharing in net income of farm: |   |                     |                         |               |                  |                    |                    |                    |
| 1 household .....  | 43,032                                    | 22,271              | 210                     | 1,034         | 3,974            | 5,268              | 5,339              | 6,446              |
| 2 households .....   | 6,815                                     | 4,473               | 22                      | 149           | 613              | 1,053              | 1,123              | 1,513              |
| 3 households .....   | 1,345                                     | 938                 | 8                       | 38            | 146              | 238                | 245                | 263                |
| 4 households .....   | 603                                       | 400                 | 2                       | 31            | 118              | 127                | 46                 | 76                 |
| 5 households or more .....                                   | 495                                       | 344                 | 2                       | 16            | 116              | 97                 | 58                 | 55                 |
| <b>F FARMS BY TYPE OF ORGANIZATION</b>                       |   |                     |                         |               |                  |                    |                    |                    |
| Family or individual .....                                   | farms<br>acres                            | 48,070<br>7,430,707 | 25,493<br>5,613,877     | 235<br>41,106 | 1,150<br>237,276 | 4,458<br>1,073,145 | 5,952<br>1,513,906 | 6,100<br>1,447,477 |
| Partnership .....  | farms<br>acres                            | 3,172<br>1,737,310  | 2,147<br>1,543,433      | 6<br>547      | 110<br>63,108    | 358<br>294,219     | 567<br>459,169     | 490<br>359,325     |
| Registered under state law .....                             | farms<br>acres                            | 1,883<br>1,278,271  | 1,398<br>1,172,431      | 3<br>313      | 69<br>41,001     | 261<br>228,718     | 404<br>363,529     | 340<br>277,861     |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total  | Other occupations       |          |          |          |          |             |
|--|--------|-------------------------|----------|----------|----------|----------|-------------|
|  |        | Age of operator (years) |          |          |          |          |             |
|  |        | Under 25                | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 and over |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |        |                         |          |          |          |          |             |
| Sex of operator:   |        |                         |          |          |          |          |             |
| Male .....   | 21,428 | 160                     | 1,085    | 4,787    | 7,178    | 5,174    | 3,044       |
| Female .....   | 2,816  | 24                      | 126      | 561      | 1,063    | 570      | 472         |
| Primary occupation:  |        |                         |          |          |          |          |             |
| Farming .....  | -      | -                       | -        | -        | -        | -        | -           |
| Other .....  | 24,244 | 184                     | 1,211    | 5,348    | 8,241    | 5,744    | 3,516       |
| Place of residence:  |        |                         |          |          |          |          |             |
| On farm operated .....                                       | 20,150 | 136                     | 923      | 4,499    | 7,043    | 4,744    | 2,805       |
| Not on farm operated .....                                   | 4,094  | 48                      | 288      | 849      | 1,198    | 1,000    | 711         |
| Days worked off farm:  |        |                         |          |          |          |          |             |
| None .....   | 5,363  | 14                      | 121      | 484      | 908      | 1,412    | 2,424       |
| Any .....  | 18,881 | 170                     | 1,090    | 4,864    | 7,333    | 4,332    | 1,092       |
| 1 to 49 days .....   | 767    | 8                       | 20       | 150      | 192      | 219      | 178         |
| 50 to 99 days .....  | 492    | 7                       | 12       | 73       | 112      | 174      | 114         |
| 100 to 199 days .....  | 1,860  | 13                      | 72       | 322      | 660      | 607      | 186         |
| 200 days or more .....                                       | 15,762 | 142                     | 986      | 4,319    | 6,369    | 3,332    | 614         |
| Years on present farm:                                       |        |                         |          |          |          |          |             |
| 2 years or less .....  | 826    | 46                      | 139      | 276      | 175      | 136      | 54          |
| 3 or 4 years .....   | 1,825  | 82                      | 286      | 619      | 519      | 254      | 65          |
| 5 to 9 years .....   | 5,015  | 56                      | 538      | 1,730    | 1,806    | 656      | 229         |
| 10 years or more .....                                       | 16,578 | -                       | 248      | 2,723    | 5,741    | 4,698    | 3,168       |
| Average years on present farm .....                          | 17.6   | 3.9                     | 6.5      | 10.8     | 15.6     | 21.6     | 31.0        |
| Age group:   |        |                         |          |          |          |          |             |
| Under 25 years .....   | 184    | 184                     | -        | -        | -        | -        | -           |
| 25 to 34 years .....   | 1,211  | -                       | 1,211    | -        | -        | -        | -           |
| 35 to 44 years .....   | 5,348  | -                       | -        | 5,348    | -        | -        | -           |
| 45 to 49 years .....   | 3,968  | -                       | -        | -        | 3,968    | -        | -           |
| 50 to 54 years .....   | 4,273  | -                       | -        | -        | 4,273    | -        | -           |
| 55 to 59 years .....   | 3,213  | -                       | -        | -        | -        | 3,213    | -           |
| 60 to 64 years .....   | 2,531  | -                       | -        | -        | -        | 2,531    | -           |
| 65 to 69 years .....   | 1,478  | -                       | -        | -        | -        | -        | 1,478       |
| 70 years and over .....                                      | 2,038  | -                       | -        | -        | -        | -        | 2,038       |
| Average age .....  | 51.9   | 22.6                    | 31.1     | 40.4     | 49.6     | 59.0     | 72.2        |
| Spanish, Hispanic, or Latino origin (see text) .....         | 312    | -                       | 6        | 72       | 107      | 66       | 61          |
| Race:  |        |                         |          |          |          |          |             |
| White .....  | 23,969 | 184                     | 1,202    | 5,279    | 8,140    | 5,684    | 3,480       |
| Black or African American .....                              | 98     | -                       | 2        | 19       | 20       | 34       | 23          |
| American Indian or Alaska Native .....                       | 66     | -                       | 5        | 18       | 30       | 7        | 6           |
| Native Hawaiian or Other Pacific Islander .....              | 8      | -                       | -        | 3        | 4        | 1        | -           |
| Asian .....  | 17     | -                       | -        | 11       | 3        | 3        | -           |
| More than one race reported .....                            | 86     | -                       | 2        | 18       | 44       | 15       | 7           |
| Operators living on an American Indian reservation .....     | 41     | -                       | 5        | 10       | 16       | 9        | 1           |
| Farms by number of persons living in operator's household:   |        |                         |          |          |          |          |             |
| 1 person .....   | 2,367  | 36                      | 137      | 344      | 608      | 627      | 615         |
| 2 people .....   | 10,269 | 55                      | 242      | 753      | 2,921    | 3,724    | 2,574       |
| 3 people .....   | 3,900  | 41                      | 218      | 869      | 1,732    | 834      | 206         |
| 4 people .....   | 4,317  | 24                      | 338      | 1,799    | 1,745    | 345      | 66          |
| 5 or more people .....                                       | 3,391  | 28                      | 276      | 1,583    | 1,235    | 214      | 55          |
| Percent of operator's total household income from farming:   |        |                         |          |          |          |          |             |
| Less than 25 percent .....                                   | 20,084 | 125                     | 949      | 4,487    | 6,845    | 4,867    | 2,811       |
| 25 to 49 percent .....                                       | 1,909  | 29                      | 112      | 395      | 681      | 362      | 330         |
| 50 to 74 percent .....                                       | 1,021  | 11                      | 59       | 182      | 282      | 271      | 216         |
| 75 to 99 percent .....                                       | 407    | 4                       | 21       | 72       | 136      | 80       | 94          |
| 100 percent .....  | 443    | 7                       | 30       | 104      | 168      | 107      | 27          |
| Operator is a hired manager .....                            | farms  | 380                     | 8        | 40       | 108      | 129      | 57          |
|  | acres  | 53,567                  | 566      | 2,616    | 19,069   | 17,835   | 7,308       |
| Farms with-  |        |                         |          |          |          |          |             |
| Computer for farm business .....                             | 9,021  | 67                      | 526      | 2,548    | 3,484    | 1,794    | 602         |
| Internet access .....  | 13,676 | 109                     | 724      | 3,618    | 5,243    | 2,901    | 1,081       |
| Farms by number of households sharing in net income of farm: |        |                         |          |          |          |          |             |
| 1 household .....  | 20,761 | 158                     | 1,016    | 4,671    | 7,120    | 4,837    | 2,959       |
| 2 households .....   | 2,342  | 15                      | 111      | 391      | 728      | 666      | 431         |
| 3 households .....   | 407    | -                       | 15       | 73       | 139      | 124      | 56          |
| 4 households .....   | 203    | 3                       | 13       | 63       | 70       | 36       | 18          |
| 5 households or more .....                                   | 151    | -                       | 16       | 42       | 55       | 24       | 14          |
| <b>FARMS BY TYPE OF ORGANIZATION</b>                         |        |                         |          |          |          |          |             |
| Family or individual .....                                   | farms  | 22,577                  | 177      | 1,138    | 5,024    | 7,654    | 5,351       |
|  | acres  | 1,816,830               | 11,420   | 91,434   | 373,922  | 575,163  | 450,623     |
| Partnership .....  | farms  | 1,025                   | 7        | 43       | 202      | 337      | 253         |
|  | acres  | 193,877                 | 1,016    | 8,111    | 45,035   | 57,933   | 39,045      |
| Registered under state law .....                             | farms  | 485                     | 2        | 13       | 101      | 162      | 130         |
|  | acres  | 105,840                 | (D)      | (D)      | 25,824   | 32,849   | 23,549      |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total farming<br>and other<br>occupations | Farming |                         |          |          |          |          |             |
|---|---|---------|-------------------------|----------|----------|----------|----------|-------------|
|   |   | Total   | Age of operator (years) |          |          |          |          |             |
|   |   |         | Under 25                | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 and over |
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>   |   |         |                         |          |          |          |          |             |
| Corporation .....   | farms 1,817                               | 1,327   | 5                       | 58       | 308      | 447      | 320      | 189         |
| acres 911,349   | 825,545                                   | 7,120   | (D) 5                   | (D) 51   | 296,047  | 203,189  | 101,534  |             |
| Family held .....   | farms 1,683                               | 1,252   | -                       | -        | 290      | 413      | 308      | 185         |
| acres 875,773   | 797,744                                   | 7,120   | 20,634                  | 192,575  | 280,155  | 195,972  | 101,288  |             |
| More than 10 stockholders .....   | farms 24                                  | 15      | -                       | 2        | 7        | 5        | 1        |             |
| 10 or less stockholders .....   | farms 1,659                               | 1,237   | 5                       | 51       | 288      | 406      | 303      | 184         |
| Other than family held .....  | farms 134                                 | 75      | -                       | 7        | 18       | 34       | 12       | 4           |
| acres 35,576  | 27,801                                    | -       | (D)                     | (D)      | 15,892   | 7,217    | 246      |             |
| More than 10 stockholders .....   | farms 16                                  | 5       | -                       | 1        | 2        | 1        | 1        | -           |
| 10 or less stockholders .....   | farms 118                                 | 70      | -                       | 6        | 16       | 33       | 11       | 4           |
| Other-cooperative, estate<br>or trust, institutional, etc .....                         | farms 256                                 | 104     | 5                       | 3        | 17       | 20       | 26       | 33          |
| acres 63,592  | 44,179                                    | 95      | (D)                     | (D)      | 19,115   | 7,946    | 7,946    | 7,324       |
| <b>H HIRED FARM LABOR</b>   |   |         |                         |          |          |          |          |             |
| Hired farm labor .....  | farms 12,279                              | 8,458   | 41                      | 337      | 1,605    | 2,551    | 2,127    | 1,797       |
| workers 86,855  | 71,105                                    | 166     | 2,088                   | 18,006   | 21,332   | 18,270   | 18,270   | 11,243      |
| Workers by days worked:   |   |         |                         |          |          |          |          |             |
| 150 days or more .....  | farms 4,414                               | 3,727   | 19                      | 175      | 753      | 1,214    | 916      | 650         |
| workers 23,034  | 19,920                                    | 62      | 628                     | 4,561    | 6,254    | 5,646    | 2,769    |             |
| Less than 150 days .....  | farms 10,635                              | 7,095   | 25                      | 270      | 1,375    | 2,113    | 1,772    | 1,540       |
| Migrant farm labor on farms with hired<br>labor (see text) .....                        | farms 63,821                              | 51,185  | 104                     | 1,460    | 13,445   | 15,078   | 12,624   | 8,474       |
| Migrant farm labor on farms reporting<br>only contract labor (see text) .....           | farms 143                                 | 76      | -                       | -        | 19       | 35       | 4        | 18          |
| <b>F FARMS BY SIZE</b>  |   |         |                         |          |          |          |          |             |
| 1 to 9 acres .....  | 3,235                                     | 1,293   | 8                       | 113      | 322      | 402      | 208      | 240         |
| 10 to 49 acres .....  | 18,663                                    | 8,009   | 93                      | 385      | 1,618    | 1,991    | 1,864    | 2,058       |
| 50 to 69 acres .....  | 4,425                                     | 1,977   | 15                      | 77       | 339      | 441      | 442      | 663         |
| 70 to 99 acres .....  | 6,444                                     | 3,108   | 18                      | 141      | 469      | 608      | 699      | 1,173       |
| 100 to 139 acres .....  | 4,573                                     | 2,541   | 19                      | 110      | 334      | 475      | 628      | 975         |
| 140 to 179 acres .....  | 3,163                                     | 1,985   | 19                      | 71       | 229      | 381      | 510      | 775         |
| 180 to 219 acres .....  | 2,084                                     | 1,374   | 8                       | 42       | 206      | 276      | 345      | 497         |
| 220 to 259 acres .....  | 1,618                                     | 1,110   | 8                       | 38       | 157      | 216      | 285      | 406         |
| 260 to 499 acres .....  | 4,291                                     | 3,285   | 41                      | 137      | 525      | 833      | 825      | 924         |
| 500 to 999 acres .....  | 2,856                                     | 2,528   | 14                      | 137      | 501      | 768      | 655      | 453         |
| 1,000 to 1,999 acres .....  | 1,468                                     | 1,382   | 7                       | 55       | 337      | 437      | 348      | 198         |
| 2,000 acres or more .....   | 495                                       | 479     | 1                       | 15       | 104      | 158      | 127      | 74          |
| <b>F FARMS BY NORTH AMERICAN<br/>INDUSTRY CLASSIFICATION (NAICS)</b>                    |   |         |                         |          |          |          |          |             |
| Oilseed and grain farming (1111) .....  | 13,465                                    | 8,552   | 97                      | 414      | 1,395    | 1,816    | 2,080    | 2,750       |
| Vegetable and melon farming (1112) .....  | 1,610                                     | 1,028   | 12                      | 51       | 215      | 296      | 241      | 213         |
| Fruit and tree nut farming (1113) .....   | 2,376                                     | 1,449   | -                       | 43       | 243      | 330      | 346      | 487         |
| Greenhouse, nursery, and floriculture<br>production (1114) .....                        | 3,170                                     | 1,444   | 1                       | 44       | 251      | 412      | 388      | 348         |
| Other crop farming (1119) .....   | 14,259                                    | 6,317   | 40                      | 193      | 836      | 1,206    | 1,467    | 2,575       |
| Tobacco farming (11191) .....   | -   | -       | -                       | -        | -        | -        | -        | -           |
| Cotton farming (11192) .....  | -   | -       | -                       | -        | -        | -        | -        | -           |
| Sugarcane farming, hay farming, and all<br>other crop farming (11193,11194,11199) ..... | 14,259                                    | 6,317   | 40                      | 193      | 836      | 1,206    | 1,467    | 2,575       |
| Beef cattle ranching and farming (112111) .....   | 4,115                                     | 2,077   | 5                       | 108      | 369      | 429      | 534      | 632         |
| Cattle feedlots (112112) .....  | 2,232                                     | 1,202   | 21                      | 51       | 224      | 278      | 291      | 337         |
| Dairy cattle and milk production (11212) .....  | 2,489                                     | 2,285   | 36                      | 165      | 552      | 731      | 501      | 300         |
| Hog and pig farming (1122) .....  | 838                                       | 500     | 6                       | 43       | 129      | 170      | 101      | 51          |
| Poultry and egg production (1123) .....   | 604                                       | 270     | 2                       | 15       | 66       | 91       | 64       | 32          |
| Sheep and goat farming (1124) .....   | 942                                       | 402     | 8                       | 22       | 78       | 114      | 82       | 98          |
| Animal aquaculture and other animal<br>production (1125, 1129) .....                    | 7,215                                     | 3,545   | 23                      | 172      | 783      | 1,113    | 841      | 613         |
| <b>L LIVESTOCK</b>  |   |         |                         |          |          |          |          |             |
| Cattle and calves inventory .....   | farms 14,495                              | 8,972   | 105                     | 522      | 1,761    | 2,265    | 2,180    | 2,139       |
| number 998,204  | 868,292                                   | 6,867   | 56,221                  | 180,186  | 267,058  | 212,842  | 145,118  |             |
| Farms with-   |   |         |                         |          |          |          |          |             |
| 1 to 9 .....  | 4,512                                     | 2,000   | 22                      | 131      | 466      | 444      | 435      | 502         |
| 10 to 49 .....  | 5,995                                     | 3,500   | 52                      | 197      | 558      | 757      | 901      | 1,035       |
| 50 to 99 .....  | 1,656                                     | 1,326   | 20                      | 94       | 262      | 349      | 329      | 272         |
| 100 to 199 .....  | 1,186                                     | 1,060   | 9                       | 47       | 240      | 347      | 247      | 170         |
| 200 to 499 .....  | 856                                       | 806     | 1                       | 37       | 164      | 278      | 205      | 121         |
| 500 or more .....   | 290                                       | 280     | 1                       | 16       | 71       | 90       | 63       | 39          |
| Cows and heifers that had calved .....  | farms 10,730                              | 6,767   | 85                      | 390      | 1,299    | 1,737    | 1,665    | 1,591       |
| number 415,993  | 364,962                                   | 3,807   | 24,964                  | 79,301   | 110,924  | 90,415   | 55,551   |             |
| Beef cows .....   | farms 8,144                               | 4,450   | 47                      | 212      | 751      | 1,009    | 1,139    | 1,292       |
| number 117,564  | 77,652                                    | 773     | 2,829                   | 11,088   | 19,161   | 21,502   | 22,299   |             |
| Farms with-   |   |         |                         |          |          |          |          |             |
| 1 to 9 .....  | 4,299                                     | 2,044   | 18                      | 118      | 432      | 436      | 474      | 566         |
| 10 to 49 .....  | 3,463                                     | 2,102   | 25                      | 84       | 275      | 494      | 576      | 648         |
| 50 to 99 .....  | 286                                       | 220     | 4                       | 8        | 34       | 53       | 68       | 53          |
| 100 to 199 .....  | 81  | 71      | -                       | 2        | 10       | 22       | 18       | 19          |
| 200 to 499 .....  | 14  | 12      | -                       | -        | -        | 4        | 3        | 5           |
| 500 or more .....   | 1   | 1       | -                       | -        | -        | -        | -        | 1           |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total            | Other occupations       |           |              |                 |                 |                 |
|---|------------------|-------------------------|-----------|--------------|-----------------|-----------------|-----------------|
|   |                  | Age of operator (years) |           |              |                 |                 |                 |
|   |                  | Under 25                | 25 to 34  | 35 to 44     | 45 to 54        | 55 to 64        | 65 and over     |
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>   |                  |                         |           |              |                 |                 |                 |
| Corporation .....   | farms<br>acres   | 490<br>85,804           | -         | 16<br>1,196  | 102<br>12,715   | 203<br>31,541   | 108<br>28,770   |
| Family held .....   | farms<br>acres   | 431<br>78,029           | -         | 14<br>(D)    | 84<br>9,812     | 99<br>28,374    | 99<br>27,131    |
| More than 10 stockholders .....   | farms<br>acres   | 9<br>422                | -         | 1<br>13      | 3<br>81         | 2<br>176        | 2<br>99         |
| 10 or less stockholders .....   | farms            | 422                     | -         | 13           | 81              | 99              | 53              |
| Other than family held .....  | farms<br>acres   | 59<br>7,775             | -         | 2<br>(D)     | 18<br>2,903     | 9<br>3,167      | 6<br>1,639      |
| More than 10 stockholders .....   | farms<br>acres   | 11<br>48                | -         | -<br>2       | -<br>18         | 6<br>19         | -<br>3          |
| 10 or less stockholders .....   | farms            | 48                      | -         | 2            | 18              | 3<br>19         | 6<br>3          |
| Other-cooperative, estate<br>or trust, institutional, etc .....                         | farms<br>acres   | 152<br>19,413           | -         | 14<br>554    | 20<br>1,318     | 47<br>5,671     | 32<br>6,746     |
| <b>H HIRED FARM LABOR</b>   |                  |                         |           |              |                 |                 |                 |
| Hired farm labor .....  | farms<br>workers | 3,821<br>15,750         | 2<br>(D)  | 163<br>(D)   | 763<br>2,725    | 1,546<br>6,133  | 953<br>4,523    |
| Workers by days worked:   |                  |                         |           |              |                 |                 |                 |
| 150 days or more .....  | farms<br>workers | 687<br>3,114            | 2<br>(D)  | 15<br>(D)    | 155<br>739      | 286<br>1,104    | 148<br>864      |
| Less than 150 days .....  | farms<br>workers | 3,540<br>12,636         | 2<br>(D)  | 161<br>(D)   | 665<br>1,986    | 1,451<br>5,029  | 372<br>3,659    |
| Migrant farm labor on farms with hired<br>labor (see text) .....                        | farms            | 264                     | 2         | 8            | 57              | 82              | 94              |
| Migrant farm labor on farms reporting<br>only contract labor (see text) .....           | farms            | 67                      | -         | -            | 1               | 57              | 9               |
| <b>F FARMS BY SIZE</b>  |                  |                         |           |              |                 |                 |                 |
| 1 to 9 acres .....  |                  | 1,942                   | 23        | 125          | 519             | 697             | 408             |
| 10 to 49 acres .....  |                  | 10,654                  | 93        | 573          | 2,514           | 3,773           | 2,365           |
| 50 to 69 acres .....  |                  | 2,448                   | 25        | 95           | 556             | 828             | 563             |
| 70 to 99 acres .....  |                  | 3,336                   | 11        | 133          | 634             | 1,081           | 878             |
| 100 to 139 acres .....  |                  | 2,032                   | 7         | 100          | 358             | 642             | 558             |
| 140 to 179 acres .....  |                  | 1,178                   | 7         | 42           | 216             | 361             | 367             |
| 180 to 219 acres .....  |                  | 710                     | 6         | 34           | 150             | 242             | 167             |
| 220 to 259 acres .....  |                  | 508                     | 3         | 25           | 92              | 184             | 123             |
| 260 to 499 acres .....  |                  | 1,006                   | 9         | 56           | 224             | 312             | 230             |
| 500 to 999 acres .....  |                  | 328                     | -         | 24           | 60              | 99              | 82              |
| 1,000 to 1,999 acres .....  |                  | 86                      | -         | 4            | 22              | 18              | 22              |
| 2,000 acres or more .....   |                  | 16                      | -         | -            | 3               | 4               | 5               |
| <b>F FARMS BY NORTH AMERICAN<br/>INDUSTRY CLASSIFICATION (NAICS)</b>                    |                  |                         |           |              |                 |                 |                 |
| Oilseed and grain farming (1111) .....  |                  | 4,913                   | 68        | 349          | 1,097           | 1,577           | 1,104           |
| Vegetable and melon farming (1112) .....  |                  | 582                     | 8         | 24           | 147             | 173             | 146             |
| Fruit and tree nut farming (1113) .....   |                  | 927                     | 2         | 16           | 193             | 323             | 227             |
| Greenhouse, nursery, and floriculture<br>production (1114) .....                        |                  | 1,726                   | 2         | 77           | 351             | 617             | 409             |
| Other crop farming (1119) .....   |                  | 7,942                   | 25        | 324          | 1,541           | 2,511           | 1,997           |
| Tobacco farming (11191) .....   |                  | -                       | -         | -            | -               | -               | -               |
| Cotton farming (11192) .....  |                  | -                       | -         | -            | -               | -               | -               |
| Sugarcane farming, hay farming, and all<br>other crop farming (11193,11194,11199) ..... |                  | 7,942                   | 25        | 324          | 1,541           | 2,511           | 1,997           |
| Beef cattle ranching and farming (112111) .....   |                  | 2,038                   | 17        | 105          | 518             | 695             | 486             |
| Cattle feedlots (112112) .....  |                  | 1,030                   | 14        | 75           | 306             | 374             | 193             |
| Dairy cattle and milk production (11212) .....  |                  | 204                     | -         | 20           | 38              | 66              | 51              |
| Hog and pig farming (1122) .....  |                  | 338                     | 5         | 28           | 131             | 110             | 38              |
| Poultry and egg production (1123) .....   |                  | 334                     | 11        | 13           | 105             | 125             | 62              |
| Sheep and goat farming (1124) .....   |                  | 540                     | 7         | 33           | 152             | 182             | 119             |
| Animal aquaculture and other animal<br>production (1125, 1129) .....                    |                  | 3,670                   | 25        | 147          | 769             | 1,488           | 912             |
| <b>L LIVESTOCK</b>  |                  |                         |           |              |                 |                 |                 |
| Cattle and calves inventory .....   | farms<br>number  | 5,523<br>129,912        | 48<br>531 | 317<br>7,964 | 1,521<br>32,566 | 1,921<br>40,812 | 1,157<br>32,919 |
| Farms with-   |                  |                         |           |              |                 |                 |                 |
| 1 to 9 .....  |                  | 2,512                   | 19        | 129          | 765             | 882             | 463             |
| 10 to 49 .....  |                  | 2,495                   | 29        | 146          | 635             | 878             | 557             |
| 50 to 99 .....  |                  | 330                     | -         | 25           | 85              | 108             | 83              |
| 100 to 199 .....  |                  | 126                     | -         | 12           | 27              | 29              | 41              |
| 200 to 499 .....  |                  | 50                      | -         | 5            | 7               | 22              | 10              |
| 500 or more .....   |                  | 10                      | -         | -            | 2               | 2               | 3               |
| Cows and heifers that had calved .....  | farms<br>number  | 3,963<br>51,031         | 23<br>201 | 209<br>3,341 | 1,060<br>10,989 | 1,386<br>15,818 | 874<br>14,297   |
| Beef cows .....   | farms<br>number  | 3,694<br>39,912         | 20<br>198 | 177<br>2,380 | 995<br>9,818    | 1,308<br>12,835 | 809<br>10,158   |
| Farms with-   |                  |                         |           |              |                 |                 |                 |
| 1 to 9 .....  |                  | 2,255                   | 10        | 99           | 660             | 833             | 444             |
| 10 to 49 .....  |                  | 1,361                   | 10        | 67           | 318             | 462             | 337             |
| 50 to 99 .....  |                  | 66                      | -         | 9            | 13              | 12              | 24              |
| 100 to 199 .....  |                  | 10                      | -         | 2            | 3               | -               | 4               |
| 200 to 499 .....  |                  | 2                       | -         | -            | 1               | 1               | -               |
| 500 or more .....   |                  | -                       | -         | -            | -               | -               | -               |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total farming<br>and other<br>occupations | Farming            |                         |                 |                  |                  |                  |                 |
|---|---|--------------------|-------------------------|-----------------|------------------|------------------|------------------|-----------------|
|   |   | Total              | Age of operator (years) |                 |                  |                  |                  |                 |
|   |   |                    | Under 25                | 25 to 34        | 35 to 44         | 45 to 54         | 55 to 64         | 65 and over     |
| <b>LIVESTOCK - Con.</b>   |   |                    |                         |                 |                  |                  |                  |                 |
| Cattle and calves inventory - Con.  |   |                    |                         |                 |                  |                  |                  |                 |
| Cows and heifers that had calved - Con.                                     |   |                    |                         |                 |                  |                  |                  |                 |
| Milk cows . . . . . farms number  | 3,013<br>298,429                          | 2,638<br>287,310   | 43<br>3,034             | 195<br>22,135   | 629<br>68,213    | 834<br>91,763    | 580<br>68,913    | 357<br>33,252   |
| Farms with-   |   |                    |                         |                 |                  |                  |                  |                 |
| 1 to 4 . . . . .  | 378                                       | 198                | 2                       | 16              | 52               | 52               | 42               | 34              |
| 5 to 9 . . . . .  | 131                                       | 104                | 9                       | 25              | 18               | 17               | 23               | 12              |
| 10 to 49 . . . . .  | 940                                       | 830                | 18                      | 81              | 206              | 248              | 176              | 101             |
| 50 to 99 . . . . .  | 723                                       | 693                | 11                      | 33              | 177              | 232              | 144              | 96              |
| 100 to 199 . . . . .  | 546                                       | 524                | 1                       | 24              | 105              | 192              | 123              | 79              |
| 200 to 499 . . . . .  | 217                                       | 213                | 1                       | 6               | 52               | 71               | 53               | 30              |
| 500 or more . . . . .   | 78  | 76                 | 1                       | 10              | 19               | 22               | 19               | 5               |
| Other cattle (see text) . . . . . farms number                              | 12,711<br>582,211                         | 8,140<br>503,330   | 98<br>3,060             | 474<br>31,257   | 1,579<br>100,885 | 2,082<br>156,134 | 1,996<br>122,427 | 1,911<br>89,567 |
| Cattle and calves sold . . . . . farms number                               | 11,293<br>516,107                         | 7,519<br>449,268   | 93<br>1,751             | 433<br>35,128   | 1,483<br>98,952  | 1,937<br>140,136 | 1,848<br>104,242 | 1,725<br>69,059 |
| Calves weighing less than 500 pounds . . . . . farms number                 | \$1,000<br>298,517                        | 258,594<br>4,348   | 777<br>3,131            | 16,888<br>223   | 50,040<br>647    | 84,254<br>851    | 63,256<br>754    | 43,379<br>602   |
| Cattle, including calves weighing 500 pounds or more . . . . . farms number | 10,182<br>366,133                         | 6,762<br>315,158   | 71<br>842               | 391<br>19,700   | 1,303<br>55,596  | 1,750<br>104,006 | 1,688<br>78,610  | 1,559<br>56,404 |
| Cattle on feed (see text) . . . . . farms number                            | 4,590<br>207,660                          | 2,919<br>178,882   | 37<br>491               | 152<br>9,328    | 559<br>28,643    | 748<br>64,564    | 727<br>43,239    | 696<br>32,617   |
| Hogs and pigs inventory . . . . . farms number                              | 2,180<br>927,400                          | 1,296<br>850,645   | 30<br>(D)               | 118<br>(D)      | 322<br>186,616   | 405<br>338,802   | 249<br>160,497   | 172<br>88,701   |
| Farms with-   |   |                    |                         |                 |                  |                  |                  |                 |
| 1 to 24 . . . . .   | 1,291                                     | 626                | 21                      | 52              | 170              | 201              | 101              | 81              |
| 25 to 49 . . . . .  | 184                                       | 107                | -                       | 16              | 30               | 27               | 18               | 16              |
| 50 to 99 . . . . .  | 151                                       | 99                 | 3                       | 5               | 17               | 26               | 31               | 17              |
| 100 to 199 . . . . .  | 120                                       | 87                 | 4                       | 14              | 13               | 16               | 20               | 20              |
| 200 to 499 . . . . .  | 129                                       | 106                | 2                       | 5               | 29               | 34               | 24               | 12              |
| 500 or more . . . . .   | 305                                       | 271                | -                       | 26              | 63               | 101              | 55               | 26              |
| Used or to be used for breeding . . . . . farms number                      | 1,006<br>103,430                          | 631<br>91,594      | 21<br>(D)               | 49<br>(D)       | 150<br>26,104    | 185<br>34,094    | 138<br>20,663    | 88<br>9,016     |
| Other hogs and pigs . . . . . farms number                                  | 2,007<br>823,970                          | 1,207<br>759,051   | 23<br>(D)               | 113<br>(D)      | 299<br>160,512   | 383<br>304,708   | 233<br>139,834   | 156<br>79,685   |
| Hogs and pigs sold . . . . . farms number                                   | 2,336<br>2,789,197                        | 1,387<br>2,550,413 | 28<br>(D)               | 124<br>14,965   | 361<br>745,740   | 407<br>933,718   | 282<br>430,605   | 185<br>251,881  |
| Sheep and lambs of all ages inventory (see text) . . . . . farms number     | 2,236<br>88,541                           | 1,132<br>61,764    | 17<br>272               | 55<br>4,266     | 223<br>14,090    | 334<br>17,061    | 242<br>14,981    | 261<br>11,094   |
| Ewes 1 year old or older . . . . . farms number                             | 1,980<br>46,649                           | 1,017<br>30,459    | 16<br>164               | 48<br>1,280     | 183<br>6,715     | 298<br>7,762     | 219<br>7,827     | 253<br>6,711    |
| Sheep and lambs sold . . . . . farms number                                 | 1,377<br>67,556                           | 712<br>46,717      | 17<br>184               | 36<br>3,140     | 150<br>13,744    | 191<br>11,250    | 158<br>11,250    | 160<br>11,109   |
| Horses and ponies inventory . . . . . farms number                          | 14,988<br>104,949                         | 7,201<br>56,307    | 73<br>377               | 380<br>3,188    | 1,590<br>12,323  | 2,033<br>16,366  | 1,737<br>13,504  | 1,388<br>10,549 |
| Horses and ponies sold . . . . . farms number                               | 3,238<br>11,615                           | 1,759<br>7,423     | 16<br>37                | 148<br>466      | 416<br>1,656     | 520<br>2,568     | 393<br>1,569     | 266<br>1,127    |
| Goats, All inventory . . . . . farms number                                 | 2,163<br>21,094                           | 1,018<br>11,958    | 13<br>83                | 61<br>738       | 286<br>3,363     | 306<br>3,408     | 211<br>2,759     | 141<br>1,607    |
| Goats sold . . . . . farms number   | 646<br>8,120                              | 298<br>4,330       | 7<br>49                 | 21<br>152       | 85<br>1,221      | 99<br>1,454      | 51<br>902        | 35<br>552       |
| <b>POULTRY</b>  |   |                    |                         |                 |                  |                  |                  |                 |
| Layers 20 weeks old and older inventory . . . . . farms number              | 3,491<br>7,308,261                        | 1,690<br>(D)       | 23<br>461               | 124<br>(D)      | 458<br>(D)       | 459<br>2,774,747 | 317<br>826,232   | 309<br>678,438  |
| Farms with-   |   |                    |                         |                 |                  |                  |                  |                 |
| 1 to 399 . . . . .  | 3,442                                     | 1,648              | 23                      | 123             | 451              | 447              | 305              | 299             |
| 400 to 3,199 . . . . .  | 23  | 19                 | -                       | -               | 5                | 4                | 6                | 4               |
| 3,200 to 9,999 . . . . .  | 5   | 4                  | -                       | -               | -                | 1                | 2                | 1               |
| 10,000 to 19,999 . . . . .  | -   | -                  | -                       | -               | -                | -                | -                | -               |
| 20,000 to 49,999 . . . . .  | 4   | 4                  | -                       | 1               | -                | 1                | 2                | -               |
| 50,000 to 99,999 . . . . .  | 4   | 4                  | -                       | -               | 1                | 2                | -                | 1               |
| 100,000 or more . . . . .   | 13  | 11                 | -                       | -               | 1                | 4                | 2                | 4               |
| Pullets for laying flock replacement inventory . . . . . farms number       | 812<br>1,799,012                          | 444<br>(D)         | -<br>819                | 31<br>195,872   | 136<br>622,939   | 106<br>822,939   | 91<br>(D)        | 80<br>(D)       |
| Layers and pullets sold (see text) . . . . . farms number                   | 725<br>6,995,451                          | 382<br>(D)         | 8<br>160                | 20<br>(D)       | 125<br>2,137,399 | 101<br>1,826,680 | 60<br>(D)        | 68<br>621,130   |
| Broilers and other meat-type chickens sold . . . . . farms number           | 659<br>4,027,972                          | 316<br>(D)         | 2<br>(D)                | 30<br>1,374,782 | 111<br>33,046    | 91<br>(D)        | 46<br>(D)        | 36<br>(D)       |
| Farms with-   |   |                    |                         |                 |                  |                  |                  |                 |
| 1 to 1,999 . . . . .  | 640                                       | 302                | 2                       | 26              | 108              | 90               | 42               | 34              |
| 2,000 to 59,999 . . . . .   | 10  | 7                  | -                       | 1               | 3                | -                | 2                | 1               |
| 60,000 to 99,999 . . . . .  | 1   | -                  | -                       | -               | -                | -                | -                | -               |
| 100,000 or more . . . . .   | 8   | 7                  | -                       | 3               | -                | 1                | 2                | 1               |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total           | Other occupations       |             |              |                 |                 |                 |
|--|-----------------|-------------------------|-------------|--------------|-----------------|-----------------|-----------------|
|  |                 | Age of operator (years) |             |              |                 |                 |                 |
|  |                 | Under 25                | 25 to 34    | 35 to 44     | 45 to 54        | 55 to 64        | 65 and over     |
| <b>LIVESTOCK - Con.</b>  |                 |                         |             |              |                 |                 |                 |
| Cattle and calves inventory - Con.                             |                 |                         |             |              |                 |                 |                 |
| Cows and heifers that had calved - Con.                        |                 |                         |             |              |                 |                 |                 |
| Milk cows . . . . .  | farms<br>number | 375<br>11,119           | 3<br>3      | 38<br>961    | 93<br>1,171     | 117<br>2,983    | 81<br>4,139     |
| Farms with-  |                 |                         |             |              |                 |                 |                 |
| 1 to 4 . . . . .   |                 | 180                     | 3           | 17           | 57              | 50              | 32              |
| 5 to 9 . . . . .   |                 | 27                      | -           | 2            | 7               | 7               | 9               |
| 10 to 49 . . . . .   |                 | 110                     | -           | 13           | 24              | 43              | 22              |
| 50 to 99 . . . . .   |                 | 30                      | -           | 2            | 4               | 9               | 9               |
| 100 to 199 . . . . .   |                 | 22                      | -           | 4            | 1               | 7               | 6               |
| 200 to 499 . . . . .   |                 | 4                       | -           | -            | -               | 1               | 4               |
| 500 or more . . . . .  |                 | 2                       | -           | -            | -               | 1               | 2               |
| Other cattle (see text) . . . . .                              | farms<br>number | 4,571<br>78,881         | 43<br>330   | 267<br>4,623 | 1,230<br>21,577 | 1,608<br>24,994 | 974<br>18,622   |
| Cattle and calves sold . . . . .                               | farms<br>number | 3,774<br>66,839         | 35<br>288   | 246<br>5,195 | 1,040<br>22,006 | 1,309<br>19,512 | 800<br>14,182   |
| Calves weighing less than 500 pounds . . . . .                 | farms<br>number | \$1,000<br>39,923       | (D)         | (D)          | 14,541          | 11,877          | 5,656<br>7,602  |
| Cattle, including calves weighing 500 pounds or more . . . . . | farms<br>number | 1,217<br>50,975         | 13          | 85           | 285             | 408             | 3,470<br>306    |
| Cattle on feed (see text) . . . . .                            | farms<br>number | 15,864<br>28,778        | 92          | 2,248        | 3,376           | 4,496           | 4,363<br>1,289  |
| Hogs and pigs inventory . . . . .                              | farms<br>number | 884<br>76,755           | 8<br>45     | 59<br>6,970  | 330<br>20,701   | 319<br>31,807   | 130<br>12,124   |
| Farms with-  |                 |                         |             |              |                 |                 |                 |
| 1 to 24 . . . . .  |                 | 665                     | 8           | 42           | 250             | 248             | 89              |
| 25 to 49 . . . . .   |                 | 77                      | -           | 5            | 35              | 23              | 12              |
| 50 to 99 . . . . .   |                 | 52                      | -           | 4            | 24              | 9               | 12              |
| 100 to 199 . . . . .   |                 | 33                      | -           | 4            | 4               | 15              | 9               |
| 200 to 499 . . . . .   |                 | 23                      | -           | 2            | 6               | 10              | 4               |
| 500 or more . . . . .  |                 | 34                      | -           | 2            | 11              | 14              | 1               |
| Used or to be used for breeding . . . . .                      | farms<br>number | 375<br>11,836           | 6<br>19     | 21<br>530    | 140<br>3,447    | 127<br>5,746    | 68<br>1,393     |
| Other hogs and pigs . . . . .                                  | farms<br>number | 800<br>64,919           | 3<br>26     | 57<br>6,440  | 303<br>17,254   | 286<br>26,061   | 114<br>10,731   |
| Hogs and pigs sold . . . . .                                   | farms<br>number | 949<br>238,784          | 10<br>55    | 64<br>12,915 | 364<br>38,909   | 342<br>122,814  | 119<br>23,110   |
|  |                 | \$1,000<br>16,392       | 4           | 874          | 3,253<br>7,195  |                 | 50<br>40,981    |
| Sheep and lambs of all ages inventory (see text) . . . . .     | farms<br>number | 1,104<br>26,777         | 9<br>(D)    | 38<br>(D)    | 340<br>7,596    | 421<br>9,537    | 222<br>6,521    |
| Ewes 1 year old or older . . . . .                             | farms<br>number | 963<br>16,190           | 6<br>94     | 33<br>466    | 292<br>4,674    | 363<br>5,830    | 202<br>3,609    |
| Sheep and lambs sold . . . . .                                 | farms<br>number | 665<br>20,839           | 4<br>(D)    | 25<br>(D)    | 192<br>7,954    | 271<br>7,857    | 131<br>3,314    |
| Horses and ponies inventory . . . . .                          | farms<br>number | 7,787<br>48,642         | 51<br>236   | 363<br>2,076 | 1,803<br>9,815  | 3,008<br>18,708 | 1,873<br>13,091 |
| Horses and ponies sold . . . . .                               | farms<br>number | 1,479<br>4,192          | 17<br>33    | 90<br>177    | 339<br>813      | 598<br>1,704    | 98<br>1,158     |
| Goats, All inventory . . . . .                                 | farms<br>number | 1,145<br>9,136          | 16<br>116   | 68<br>890    | 362<br>2,368    | 404<br>3,380    | 227<br>1,633    |
| Goats sold . . . . .   | farms<br>number | 348<br>3,790            | 9<br>34     | 25<br>175    | 109<br>1,207    | 117<br>1,458    | 65<br>639       |
| <b>POULTRY</b>   |                 |                         |             |              |                 |                 |                 |
| Layers 20 weeks old and older inventory . . . . .              | farms<br>number | 1,801<br>(D)            | 26<br>1,315 | 82<br>1,817  | 565<br>14,746   | 674<br>(D)      | 307<br>6,302    |
| Farms with-  |                 |                         |             |              |                 |                 |                 |
| 1 to 399 . . . . .   |                 | 1,794                   | 26          | 82           | 564             | 669             | 306             |
| 400 to 3,199 . . . . .   |                 | 4                       | -           | -            | 1               | 2               | 1               |
| 3,200 to 9,999 . . . . .                                       |                 | 1                       | -           | -            | -               | 1               | -               |
| 10,000 to 19,999 . . . . .                                     |                 | -                       | -           | -            | -               | -               | -               |
| 20,000 to 49,999 . . . . .                                     |                 | -                       | -           | -            | -               | -               | -               |
| 50,000 to 99,999 . . . . .                                     |                 | -                       | -           | -            | -               | -               | -               |
| 100,000 or more . . . . .                                      |                 | 2                       | -           | -            | -               | 2               | -               |
| Pullets for laying flock replacement inventory . . . . .       | farms<br>number | 368<br>(D)              | 7<br>84     | 19<br>568    | 115<br>4,297    | 155<br>(D)      | 52<br>901       |
| Layers and pullets sold (see text) . . . . .                   | farms<br>number | 343<br>(D)              | 12<br>982   | 18<br>477    | 116<br>8,757    | 138<br>(D)      | 46<br>1,702     |
| Broilers and other meat-type chickens sold . . . . .           | farms<br>number | 343<br>(D)              | 2<br>(D)    | 36<br>2,379  | 136<br>13,586   | 106<br>(D)      | 43<br>2,761     |
| Farms with-  |                 |                         |             |              |                 |                 |                 |
| 1 to 1,999 . . . . .   |                 | 338                     | 2           | 36           | 135             | 102             | 43              |
| 2,000 to 59,999 . . . . .                                      |                 | 3                       | -           | -            | 1               | 2               | -               |
| 60,000 to 99,999 . . . . .                                     |                 | 1                       | -           | -            | -               | 1               | -               |
| 100,000 or more . . . . .                                      |                 | 1                       | -           | -            | -               | 1               | -               |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Total farming<br>and other<br>occupations | Farming                            |                                    |                            |                            |                                |                                |                                |
|------------------------------------|---|------------------------------------|------------------------------------|----------------------------|----------------------------|--------------------------------|--------------------------------|--------------------------------|
|                                    |   | Total                              | Age of operator (years)            |                            |                            |                                |                                |                                |
|                                    |   |                                    | Under 25                           | 25 to 34                   | 35 to 44                   | 45 to 54                       | 55 to 64                       | 65 and over                    |
| <b>POULTRY - Con.</b>              |   |                                    |                                    |                            |                            |                                |                                |                                |
| Turkeys inventory .....            | farms<br>number                           | 612<br>1,204,019                   | 319<br>(D)                         | -                          | 25<br>(D)                  | 87<br>(D)                      | 107<br>377,797                 | 52<br>527,176                  |
| Turkeys sold .....                 | farms<br>number                           | 366<br>3,306,299                   | 196<br>(D)                         | -                          | 11<br>242                  | 48<br>(D)                      | 81<br>849,479                  | 32<br>1,782,349                |
| <b>CROPS HARVESTED</b>             |   |                                    |                                    |                            |                            |                                |                                |                                |
| Corn for grain .....               | farms<br>acres<br>bushels                 | 13,613<br>2,007,021<br>234,709,542 | 10,014<br>1,808,490<br>213,462,407 | 129<br>12,336<br>1,349,048 | 549<br>80,518<br>9,572,896 | 1,902<br>396,614<br>48,118,981 | 2,500<br>562,126<br>66,689,081 | 2,449<br>440,506<br>52,129,705 |
| Irrigated .....                    | farms<br>acres                            | 857<br>180,261                     | 732<br>168,501                     | 3<br>(D)                   | 33<br>(D)                  | 200<br>46,951                  | 193<br>46,201                  | 166<br>41,859                  |
| Farms by acres harvested:          |   |                                    |                                    |                            |                            |                                |                                |                                |
| 1 to 24 acres .....                |   | 3,908                              | 2,202                              | 65                         | 139                        | 357                            | 447                            | 496                            |
| 25 to 99 acres .....               |   | 4,694                              | 3,306                              | 32                         | 164                        | 560                            | 733                            | 827                            |
| 100 to 249 acres .....             |   | 2,770                              | 2,386                              | 20                         | 146                        | 487                            | 633                            | 602                            |
| 250 to 499 acres .....             |   | 1,318                              | 1,234                              | 6                          | 69                         | 283                            | 390                            | 320                            |
| 500 acres or more .....            |   | 923                                | 886                                | 6                          | 31                         | 215                            | 297                            | 204                            |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons                    | 3,362<br>233,601<br>3,447,251      | 2,857<br>218,097<br>3,242,209      | 37<br>1,939<br>33,164      | 169<br>11,909<br>182,164   | 598<br>47,483<br>722,595       | 865<br>66,940<br>980,135       | 675<br>57,875<br>861,682       |
| Irrigated .....                    | farms<br>acres                            | 125<br>9,918                       | 122<br>9,903                       | 2<br>(D)                   | 10<br>1,693                | 30<br>2,970                    | 35<br>2,167                    | 28<br>2,023                    |
| Farms by acres harvested:          |   |                                    |                                    |                            |                            |                                |                                |                                |
| 1 to 24 acres .....                |   | 1,365                              | 1,006                              | 21                         | 89                         | 219                            | 246                            | 214                            |
| 25 to 99 acres .....               |   | 1,348                              | 1,228                              | 15                         | 46                         | 253                            | 413                            | 311                            |
| 100 to 249 acres .....             |   | 493                                | 476                                | -                          | 23                         | 94                             | 159                            | 112                            |
| 250 to 499 acres .....             |   | 94                                 | 89                                 | -                          | 5                          | 16                             | 37                             | 20                             |
| 500 acres or more .....            |   | 62                                 | 58                                 | 1                          | 6                          | 16                             | 10                             | 18                             |
| Sorghum for grain .....            | farms<br>acres<br>bushels                 | 22<br>559<br>21,255                | 21<br>(D)                          | -                          | 2<br>(D)                   | 1<br>(D)                       | 6<br>269                       | 7<br>3,260                     |
| Irrigated .....                    | farms<br>acres                            | 1<br>(D)                           | -                                  | -                          | -                          | -                              | -                              | -                              |
| Farms by acres harvested:          |   |                                    |                                    |                            |                            |                                |                                |                                |
| 1 to 24 acres .....                |   | 15                                 | 15                                 | -                          | 2                          | -                              | 3                              | 6                              |
| 25 to 99 acres .....               |   | 5                                  | 5                                  | -                          | -                          | 1                              | 2                              | 1                              |
| 100 to 249 acres .....             |   | 2                                  | 1                                  | -                          | -                          | -                              | 1                              | -                              |
| 250 to 499 acres .....             |   | -                                  | -                                  | -                          | -                          | -                              | -                              | -                              |
| 500 acres or more .....            |   | -                                  | -                                  | -                          | -                          | -                              | -                              | -                              |
| Wheat for grain, All .....         | farms<br>acres<br>bushels                 | 6,561<br>433,783<br>28,248,938     | 5,217<br>387,739<br>25,511,593     | 47<br>1,963<br>117,893     | 232<br>16,699<br>1,130,998 | 892<br>77,331<br>5,226,321     | 1,270<br>112,360<br>7,507,415  | 1,294<br>94,713<br>6,153,670   |
| Irrigated .....                    | farms<br>acres                            | 81<br>5,396                        | 74<br>5,347                        | -                          | 2<br>(D)                   | 12<br>1,685                    | 20<br>2,584                    | 26<br>549                      |
| Farms by acres harvested:          |   |                                    |                                    |                            |                            |                                |                                |                                |
| 1 to 24 acres .....                |   | 2,291                              | 1,572                              | 20                         | 64                         | 221                            | 290                            | 370                            |
| 25 to 99 acres .....               |   | 2,972                              | 2,422                              | 21                         | 115                        | 402                            | 601                            | 621                            |
| 100 to 249 acres .....             |   | 1,047                              | 979                                | 6                          | 43                         | 218                            | 293                            | 248                            |
| 250 to 499 acres .....             |   | 204                                | 198                                | -                          | 9                          | 38                             | 74                             | 44                             |
| 500 acres or more .....            |   | 47                                 | 46                                 | -                          | 1                          | 13                             | 12                             | 11                             |
| Barley for grain .....             | farms<br>acres<br>bushels                 | 400<br>11,620<br>576,461           | 323<br>9,747<br>487,922            | 4<br>92<br>2,996           | 20<br>614<br>29,346        | 62<br>1,433<br>66,725          | 85<br>3,732<br>188,721         | 94<br>2,243<br>120,476         |
| Irrigated .....                    | farms<br>acres                            | 7<br>63                            | 6<br>(D)                           | -                          | -                          | 1<br>(D)                       | 1<br>(D)                       | 3<br>(D)                       |
| Farms by acres harvested:          |   |                                    |                                    |                            |                            |                                |                                |                                |
| 1 to 24 acres .....                |   | 256                                | 203                                | 2                          | 15                         | 41                             | 38                             | 64                             |
| 25 to 99 acres .....               |   | 124                                | 103                                | 2                          | 2                          | 21                             | 39                             | 26                             |
| 100 to 249 acres .....             |   | 17                                 | 15                                 | -                          | 3                          | -                              | 7                              | 4                              |
| 250 to 499 acres .....             |   | 3                                  | 2                                  | -                          | -                          | -                              | 1                              | 1                              |
| 500 acres or more .....            |   | -                                  | -                                  | -                          | -                          | -                              | -                              | -                              |
| Oats for grain .....               | farms<br>acres<br>bushels                 | 2,756<br>63,485<br>3,994,940       | 2,140<br>53,674<br>3,440,706       | 33<br>540<br>25,230        | 112<br>2,795<br>177,072    | 392<br>9,495<br>610,251        | 530<br>16,110<br>1,047,517     | 522<br>12,900<br>850,280       |
| Irrigated .....                    | farms<br>acres                            | 32<br>519                          | 24<br>369                          | -                          | -                          | 4<br>113                       | 7<br>53                        | 6<br>139                       |
| Farms by acres harvested:          |   |                                    |                                    |                            |                            |                                |                                |                                |
| 1 to 24 acres .....                |   | 1,972                              | 1,452                              | 24                         | 81                         | 255                            | 334                            | 357                            |
| 25 to 99 acres .....               |   | 706                                | 618                                | 9                          | 24                         | 127                            | 175                            | 146                            |
| 100 to 249 acres .....             |   | 75                                 | 68                                 | -                          | 7                          | 10                             | 20                             | 18                             |
| 250 to 499 acres .....             |   | 2                                  | 1                                  | -                          | -                          | -                              | -                              | 1                              |
| 500 acres or more .....            |   | 1                                  | 1                                  | -                          | -                          | -                              | 1                              | -                              |
| Sunflower seed, All .....          | farms<br>acres<br>pounds                  | 91<br>2,275<br>3,381,523           | 62<br>1,929<br>3,075,598           | -                          | 1<br>(D)                   | 10<br>1,002<br>1,739,877       | 17<br>577<br>914,100           | 17<br>228<br>257,916           |
| Irrigated .....                    | farms<br>acres                            | 3<br>(D)                           | 1<br>(D)                           | -                          | -                          | -                              | -                              | -                              |
| Farms by acres harvested:          |   |                                    |                                    |                            |                            |                                |                                |                                |
| 1 to 24 acres .....                |   | 78                                 | 51                                 | -                          | 1                          | 5                              | 13                             | 15                             |
| 25 to 99 acres .....               |   | 8                                  | 6                                  | -                          | -                          | 2                              | 2                              | 2                              |
| 100 to 249 acres .....             |   | 4                                  | 4                                  | -                          | -                          | 2                              | 2                              | -                              |
| 250 to 499 acres .....             |   | 1                                  | 1                                  | -                          | -                          | 1                              | -                              | -                              |
| 500 acres or more .....            |   | -                                  | -                                  | -                          | -                          | -                              | -                              | -                              |
| Soybeans for beans .....           | farms<br>acres<br>bushels                 | 11,683<br>2,055,424<br>78,197,248  | 8,499<br>1,802,187<br>69,106,284   | 76<br>11,506<br>435,507    | 426<br>81,291<br>3,162,039 | 1,550<br>394,447<br>15,237,437 | 2,010<br>522,176<br>20,111,864 | 2,106<br>454,824<br>17,456,071 |
| Irrigated .....                    | farms<br>acres                            | 558<br>84,180                      | 467<br>78,768                      | 3<br>604                   | 22<br>2,274                | 117<br>22,739                  | 129<br>18,407                  | 87<br>18,014                   |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Total                     | Other occupations              |                        |                            |                            |                              |                            |
|------------------------------------|---------------------------|--------------------------------|------------------------|----------------------------|----------------------------|------------------------------|----------------------------|
|                                    |                           | Age of operator (years)        |                        |                            |                            |                              |                            |
|                                    |                           | Under 25                       | 25 to 34               | 35 to 44                   | 45 to 54                   | 55 to 64                     | 65 and over                |
| <b>POULTRY - Con.</b>              |                           |                                |                        |                            |                            |                              |                            |
| Turkeys inventory .....            | farms<br>number           | 293<br>(D)                     | 9<br>38                | 12<br>51                   | 92<br>479                  | 104<br>(D)                   | 60<br>577                  |
| Turkeys sold .....                 | farms<br>number           | 170<br>(D)                     | 2<br>(D)               | 5<br>90                    | 55<br>557                  | 79<br>(D)                    | 19<br>459                  |
| <b>CROPS HARVESTED</b>             |                           |                                |                        |                            |                            |                              |                            |
| Corn for grain .....               | farms<br>acres<br>bushels | 3,599<br>198,531<br>21,247,135 | 55<br>2,183<br>270,952 | 293<br>13,626<br>1,462,057 | 912<br>51,132<br>5,572,134 | 1,207<br>66,665<br>6,928,641 | 709<br>39,100<br>4,202,826 |
| Irrigated .....                    | farms<br>acres            | 125<br>7                       | 632                    | 1,313                      | 1,557                      | 3,835                        | 2,740                      |
| Farms by acres harvested:          |                           |                                |                        |                            |                            |                              |                            |
| 1 to 24 acres .....                |                           | 1,706                          | 27                     | 127                        | 430                        | 581                          | 333                        |
| 25 to 99 acres .....               |                           | 1,388                          | 22                     | 135                        | 332                        | 452                          | 287                        |
| 100 to 249 acres .....             |                           | 384                            | 6                      | 23                         | 121                        | 129                          | 73                         |
| 250 to 499 acres .....             |                           | 84                             | -                      | 7                          | 17                         | 35                           | 8                          |
| 500 acres or more .....            |                           | 37                             | -                      | 1                          | 12                         | 10                           | 8                          |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 505<br>15,504<br>205,042       | -<br>1,213<br>13,033   | 48<br>2,043<br>25,826      | 109<br>4,085<br>57,092     | 169<br>4,938<br>68,097       | 111<br>3,225<br>40,994     |
| Irrigated .....                    | farms<br>acres            | 3<br>15                        | -                      | 1                          | 1                          | 1                            | -                          |
| Farms by acres harvested:          |                           |                                |                        |                            |                            |                              |                            |
| 1 to 24 acres .....                |                           | 359                            | -                      | 40                         | 82                         | 127                          | 73                         |
| 25 to 99 acres .....               |                           | 120                            | -                      | 5                          | 27                         | 35                           | 30                         |
| 100 to 249 acres .....             |                           | 17                             | -                      | 2                          | -                          | 6                            | 4                          |
| 250 to 499 acres .....             |                           | 5                              | -                      | 1                          | -                          | 2                            | 2                          |
| 500 acres or more .....            |                           | 4                              | -                      | -                          | -                          | 1                            | 1                          |
| Sorghum for grain .....            | farms<br>acres<br>bushels | 1<br>(D)<br>(D)                | -<br>-                 | -<br>-                     | -<br>-                     | -<br>-                       | 1<br>(D)<br>(D)            |
| Irrigated .....                    | farms<br>acres            | 1<br>(D)                       | -                      | -                          | -                          | -                            | 1<br>(D)                   |
| Farms by acres harvested:          |                           |                                |                        |                            |                            |                              |                            |
| 1 to 24 acres .....                |                           | -                              | -                      | -                          | -                          | -                            | -                          |
| 25 to 99 acres .....               |                           | -                              | -                      | -                          | -                          | -                            | -                          |
| 100 to 249 acres .....             |                           | 1                              | -                      | -                          | -                          | -                            | 1                          |
| 250 to 499 acres .....             |                           | -                              | -                      | -                          | -                          | -                            | -                          |
| 500 acres or more .....            |                           | -                              | -                      | -                          | -                          | -                            | -                          |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 1,344<br>46,044<br>2,737,345   | 14<br>504<br>30,054    | 89<br>3,344<br>200,794     | 323<br>11,827<br>704,516   | 439<br>14,381<br>867,379     | 310<br>9,552<br>560,831    |
| Irrigated .....                    | farms<br>acres            | 7<br>49                        | -                      | 1<br>(D)                   | 2<br>(D)                   | -<br>-                       | 1<br>(D)<br>3<br>9         |
| Farms by acres harvested:          |                           |                                |                        |                            |                            |                              |                            |
| 1 to 24 acres .....                |                           | 719                            | 4                      | 43                         | 170                        | 247                          | 167                        |
| 25 to 99 acres .....               |                           | 550                            | 10                     | 38                         | 135                        | 173                          | 126                        |
| 100 to 249 acres .....             |                           | 68                             | -                      | 8                          | 14                         | 18                           | 17                         |
| 250 to 499 acres .....             |                           | 6                              | -                      | -                          | 3                          | 1                            | 2                          |
| 500 acres or more .....            |                           | 1                              | -                      | -                          | 1                          | -                            | -                          |
| Barley for grain .....             | farms<br>acres<br>bushels | 77<br>1,873<br>88,539          | -<br>-                 | 2<br>(D)                   | 24<br>373<br>14,744        | 28<br>658<br>35,166          | 15<br>(D)<br>1<br>23,554   |
| Irrigated .....                    | farms<br>acres            | 1<br>(D)                       | -                      | -                          | -                          | -                            | 1<br>(D)                   |
| Farms by acres harvested:          |                           |                                |                        |                            |                            |                              |                            |
| 1 to 24 acres .....                |                           | 53                             | -                      | 2                          | 18                         | 23                           | 8                          |
| 25 to 99 acres .....               |                           | 21                             | -                      | -                          | 6                          | 4                            | 2                          |
| 100 to 249 acres .....             |                           | 2                              | -                      | -                          | -                          | -                            | 2                          |
| 250 to 499 acres .....             |                           | 1                              | -                      | -                          | -                          | 1                            | -                          |
| 500 acres or more .....            |                           | -                              | -                      | -                          | -                          | -                            | -                          |
| Oats for grain .....               | farms<br>acres<br>bushels | 616<br>9,811<br>554,234        | 4<br>176<br>7,620      | 42<br>535<br>26,966        | 143<br>2,121<br>126,722    | 220<br>3,447<br>191,284      | 145<br>2,517<br>143,720    |
| Irrigated .....                    | farms<br>acres            | 8<br>150                       | -                      | -<br>(D)                   | 2<br>4<br>(D)              | -<br>4<br>(D)                | -<br>2<br>(D)              |
| Farms by acres harvested:          |                           |                                |                        |                            |                            |                              |                            |
| 1 to 24 acres .....                |                           | 520                            | -                      | 39                         | 122                        | 187                          | 121                        |
| 25 to 99 acres .....               |                           | 88                             | 4                      | 2                          | 20                         | 30                           | 51                         |
| 100 to 249 acres .....             |                           | 7                              | -                      | 1                          | 1                          | 3                            | 11                         |
| 250 to 499 acres .....             |                           | 1                              | -                      | -                          | -                          | -                            | -                          |
| 500 acres or more .....            |                           | -                              | -                      | -                          | -                          | -                            | -                          |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 29<br>346<br>305,925           | -<br>-                 | -<br>-                     | 8<br>138<br>131,950        | 14<br>98<br>94,350           | 5<br>(D)<br>(D)            |
| Irrigated .....                    | farms<br>acres            | 2<br>(D)                       | -                      | -                          | -<br>(D)                   | 1<br>(D)                     | -<br>(D)                   |
| Farms by acres harvested:          |                           |                                |                        |                            |                            |                              |                            |
| 1 to 24 acres .....                |                           | 27                             | -                      | -                          | 7                          | 14                           | 4                          |
| 25 to 99 acres .....               |                           | 2                              | -                      | -                          | 1                          | -                            | 2                          |
| 100 to 249 acres .....             |                           | -                              | -                      | -                          | -                          | -                            | -                          |
| 250 to 499 acres .....             |                           | -                              | -                      | -                          | -                          | -                            | -                          |
| 500 acres or more .....            |                           | -                              | -                      | -                          | -                          | -                            | -                          |
| Soybeans for beans .....           | farms<br>acres<br>bushels | 3,184<br>253,237<br>9,090,964  | 41<br>1,906<br>69,711  | 278<br>19,323<br>686,669   | 760<br>74,238<br>2,707,163 | 1,065<br>81,379<br>2,902,792 | 676<br>47,260<br>1,682,102 |
| Irrigated .....                    | farms<br>acres            | 91<br>5,412                    | 2<br>(D)               | 14<br>1,056                | 19<br>(D)                  | 17<br>1,356                  | 27<br>1,574                |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total farming<br>and other<br>occupations | Farming    |                         |          |          |           |           |             |  |  |
|---|---|------------|-------------------------|----------|----------|-----------|-----------|-------------|--|--|
|   |   | Total      | Age of operator (years) |          |          |           |           |             |  |  |
|   |   |            | Under 25                | 25 to 34 | 35 to 44 | 45 to 54  | 55 to 64  | 65 and over |  |  |
| <b>CROPS HARVESTED - Con.</b>   |   |            |                         |          |          |           |           |             |  |  |
| Soybeans for beans - Con.   |   |            |                         |          |          |           |           |             |  |  |
| Farms by acres harvested:   |   |            |                         |          |          |           |           |             |  |  |
| 1 to 24 acres   | 2,079                                     | 1,120      | 3                       | 54       | 173      | 226       | 256       | 408         |  |  |
| 25 to 99 acres  | 4,526                                     | 2,997      | 34                      | 156      | 472      | 581       | 729       | 1,025       |  |  |
| 100 to 249 acres  | 2,706                                     | 2,195      | 26                      | 111      | 407      | 521       | 583       | 547         |  |  |
| 250 to 499 acres  | 1,357                                     | 1,227      | 7                       | 68       | 255      | 356       | 328       | 213         |  |  |
| 500 acres or more   | 1,015                                     | 960        | 6                       | 37       | 243      | 326       | 210       | 138         |  |  |
| Dry edible beans, excluding limas   | farms                                     | 1,587      | 1,378                   | 16       | 93       | 338       | 376       | 322         |  |  |
|   | acres                                     | 259,026    | 246,346                 | 1,742    | 13,259   | 67,222    | 76,991    | 59,099      |  |  |
|   | cwt                                       | 4,862,193  | 4,645,283               | 30,032   | 253,745  | 1,265,254 | 1,494,484 | 1,092,885   |  |  |
| Irrigated   | farms                                     | 82         | 73                      | -        | 6        | 18        | 14        | 17          |  |  |
|   | acres                                     | 13,183     | 12,153                  | -        | 524      | 2,784     | 2,890     | 3,110       |  |  |
| Farms by acres harvested:   |   |            |                         |          |          |           |           |             |  |  |
| 1 to 24 acres   | 239                                       | 162        | -                       | 10       | 21       | 34        | 40        | 57          |  |  |
| 25 to 99 acres  | 594                                       | 491        | 8                       | 36       | 112      | 125       | 110       | 100         |  |  |
| 100 to 249 acres  | 419                                       | 397        | 6                       | 29       | 114      | 106       | 90        | 52          |  |  |
| 250 to 499 acres  | 236                                       | 230        | 2                       | 17       | 66       | 72        | 57        | 16          |  |  |
| 500 acres or more   | 99  | 98         | -                       | 1        | 25       | 39        | 25        | 8           |  |  |
| Potatoes  | farms                                     | 395        | 300                     | 3        | 28       | 76        | 72        | 59          |  |  |
|   | acres                                     | 45,840     | 44,766                  | (Z)      | 5,556    | 11,194    | 14,392    | 7,099       |  |  |
|   | cwt                                       | 14,212,892 | 13,965,231              | 6        | (D)      | 3,705,472 | 4,148,849 | 2,265,911   |  |  |
| Irrigated   | farms                                     | 191        | 154                     | -        | 13       | 48        | 39        | 28          |  |  |
|   | acres                                     | 38,016     | 37,559                  | -        | 5,446    | 10,411    | 10,418    | 5,713       |  |  |
| Farms by acres harvested:   |   |            |                         |          |          |           |           |             |  |  |
| 0.1 to 4.9 acres  | 215                                       | 136        | 3                       | 15       | 30       | 29        | 25        | 34          |  |  |
| 5.0 to 24.9 acres   | 44  | 38         | -                       | 5        | 6        | 8         | 12        | 7           |  |  |
| 25.0 to 99.9 acres  | 47  | 42         | -                       | 4        | 13       | 10        | 8         | 7           |  |  |
| 100.0 to 249.9 acres  | 45  | 41         | -                       | 1        | 16       | 11        | 2         | 11          |  |  |
| 250.0 acres or more   | 44  | 43         | -                       | 3        | 11       | 14        | 12        | 3           |  |  |
| Sugarbeets for sugar  | farms                                     | 989        | 890                     | 18       | 59       | 249       | 263       | 194         |  |  |
|   | acres                                     | 180,054    | 172,155                 | 1,472    | 9,318    | 45,248    | 54,207    | 42,896      |  |  |
|   | tons                                      | 3,324,568  | 3,185,016               | 28,564   | 168,803  | 846,359   | 1,021,143 | 782,497     |  |  |
| Irrigated   | farms                                     | 46         | 45                      | -        | 2        | 12        | 17        | 9           |  |  |
|   | acres                                     | (D)        | 3,734                   | -        | (D)      | 1,138     | (D)       | (D)         |  |  |
| Forage-land used for all hay and haylage,<br>grass silage, and greenchop (see text) | farms                                     | 22,067     | 12,737                  | 105      | 556      | 2,118     | 3,057     | 3,219       |  |  |
|   | acres                                     | 1,212,603  | 913,585                 | 7,156    | 38,969   | 169,335   | 253,481   | 230,414     |  |  |
|   | tons, dry                                 | 3,557,828  | 2,869,029               | 21,197   | 129,410  | 561,675   | 841,309   | 715,879     |  |  |
| Irrigated   | farms                                     | 454        | 322                     | -        | 13       | 75        | 89        | 72          |  |  |
|   | acres                                     | 17,414     | 15,347                  | -        | 1,466    | 2,880     | 5,990     | 3,293       |  |  |
| Farms by acres harvested:   |   |            |                         |          |          |           |           |             |  |  |
| 1 to 24 acres   | 10,974                                    | 5,283      | 41                      | 282      | 898      | 1,181     | 1,299     | 1,582       |  |  |
| 25 to 99 acres  | 7,871                                     | 4,768      | 36                      | 164      | 719      | 1,067     | 1,242     | 1,540       |  |  |
| 100 to 249 acres  | 2,381                                     | 1,924      | 25                      | 79       | 339      | 570       | 493       | 418         |  |  |
| 250 to 499 acres  | 632                                       | 564        | 2                       | 19       | 113      | 180       | 141       | 109         |  |  |
| 500 acres or more   | 209                                       | 198        | 1                       | 12       | 49       | 59        | 44        | 33          |  |  |
| Alfalfa hay   | farms                                     | 18,122     | 10,672                  | 88       | 463      | 1,743     | 2,577     | 2,706       |  |  |
|   | acres                                     | 806,713    | 591,307                 | 4,712    | 24,946   | 102,601   | 162,133   | 146,931     |  |  |
|   | tons, dry                                 | 2,355,909  | 1,817,776               | 14,030   | 82,948   | 327,281   | 518,945   | 439,464     |  |  |
| Irrigated   | farms                                     | 305        | 208                     | -        | 7        | 44        | 66        | 48          |  |  |
|   | acres                                     | 7,580      | 6,307                   | -        | 95       | 1,245     | 3,055     | 1,092       |  |  |
| Other tame hay  | farms                                     | 3,762      | 2,033                   | 20       | 79       | 351       | 470       | 527         |  |  |
|   | acres                                     | 149,403    | 96,006                  | 802      | 3,901    | 15,087    | 21,646    | 26,692      |  |  |
|   | tons, dry                                 | 267,751    | 184,368                 | 936      | 8,115    | 29,778    | 44,408    | 51,582      |  |  |
| Irrigated   | farms                                     | 65         | 50                      | -        | 6        | 14        | 9         | 11          |  |  |
|   | acres                                     | 1,149      | 816                     | -        | 78       | 182       | 186       | 150         |  |  |
| Land used for vegetables (see text)   | farms                                     | 2,519      | 1,686                   | 20       | 108      | 365       | 465       | 384         |  |  |
|   | acres                                     | 135,428    | 124,377                 | 530      | 5,300    | 34,397    | 40,143    | 29,596      |  |  |
| Irrigated   | farms                                     | 817        | 617                     | 6        | 51       | 140       | 189       | 135         |  |  |
|   | acres                                     | 60,186     | 57,119                  | 5        | 3,294    | 16,193    | 21,163    | 10,255      |  |  |
| Farms by acres harvested:   |   |            |                         |          |          |           |           |             |  |  |
| 0.1 to 4.9 acres  | 1,039                                     | 537        | 11                      | 42       | 101      | 129       | 118       | 136         |  |  |
| 5.0 to 24.9 acres   | 732                                       | 488        | 2                       | 36       | 102      | 138       | 92        | 118         |  |  |
| 25.0 to 99.9 acres  | 415                                       | 350        | 5                       | 14       | 78       | 103       | 91        | 59          |  |  |
| 100.0 to 249.9 acres  | 194                                       | 181        | 2                       | 9        | 45       | 56        | 50        | 19          |  |  |
| 250.0 acres or more   | 139                                       | 130        | -                       | 7        | 39       | 39        | 33        | 12          |  |  |
| Snap beans harvested for sale   | farms                                     | 502        | 373                     | 9        | 24       | 81        | 105       | 84          |  |  |
|   | acres                                     | 20,726     | 20,494                  | 335      | 1,216    | 6,601     | 5,399     | 4,701       |  |  |
| Harvested for processing  | farms                                     | 107        | 98                      | 4        | 5        | 25        | 21        | 26          |  |  |
|   | acres                                     | 17,212     | (D)                     | (D)      | 1,080    | 6,026     | 4,077     | 3,680       |  |  |
| Peas, green, harvested for sale   | farms                                     | 160        | 112                     | 3        | 9        | 25        | 24        | 27          |  |  |
|   | acres                                     | 1,149      | 1,134                   | 2        | 1        | 213       | 651       | 149         |  |  |
| Harvested for processing  | farms                                     | 7          | 7                       | -        | -        | 1         | 3         | 2           |  |  |
|   | acres                                     | 1,001      | 1,001                   | -        | -        | (D)       | (D)       | (D)         |  |  |
| Sweet corn harvested for sale   | farms                                     | 982        | 661                     | 5        | 38       | 148       | 171       | 150         |  |  |
|   | acres                                     | 10,885     | 9,788                   | 3        | 356      | 3,471     | 2,651     | 1,856       |  |  |
| Harvested for processing  | farms                                     | 92         | 56                      | -        | 3        | 12        | 9         | 13          |  |  |
|   | acres                                     | 527        | 281                     | -        | 11       | 29        | 75        | 48          |  |  |
| Tomatoes harvested for sale   | farms                                     | 831        | 580                     | 9        | 39       | 122       | 156       | 132         |  |  |
|   | acres                                     | 6,041      | 5,314                   | 4        | 383      | 1,447     | 1,239     | 1,131       |  |  |
| Harvested for processing  | farms                                     | 72         | 47                      | -        | 3        | 9         | 13        | 7           |  |  |
|   | acres                                     | 3,861      | (D)                     | -        | (D)      | 1,104     | 642       | (D)         |  |  |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                       | Other occupations           |                      |                         |                            |                            |                            |
|--|-----------------------------|-----------------------------|----------------------|-------------------------|----------------------------|----------------------------|----------------------------|
|  |                             | Age of operator (years)     |                      |                         |                            |                            |                            |
|  |                             | Under 25                    | 25 to 34             | 35 to 44                | 45 to 54                   | 55 to 64                   | 65 and over                |
| <b>CROPS HARVESTED - Con.</b>  |                             |                             |                      |                         |                            |                            |                            |
| Soybeans for beans - Con.  |                             |                             |                      |                         |                            |                            |                            |
| Farms by acres harvested:  |                             |                             |                      |                         |                            |                            |                            |
| 1 to 24 acres .....  | 959                         | 19                          | 92                   | 216                     | 297                        | 215                        | 120                        |
| 25 to 99 acres .....   | 1,529                       | 15                          | 115                  | 344                     | 533                        | 340                        | 182                        |
| 100 to 249 acres .....   | 511                         | 7                           | 58                   | 140                     | 176                        | 91                         | 39                         |
| 250 to 499 acres .....   | 130                         | -                           | 11                   | 40                      | 45                         | 19                         | 15                         |
| 500 acres or more .....  | 55                          | -                           | 2                    | 20                      | 14                         | 11                         | 8                          |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 209<br>12,680<br>216,910    | 5<br>850<br>(D)      | 24<br>1,897<br>29,181   | 57<br>2,818<br>47,289      | 72<br>3,963<br>76,620      | 31<br>1,973<br>32,142      |
| Irrigated .....  | farms<br>acres              | 9<br>1,030                  | 3<br>780             | -                       | 1<br>(D)                   | 3<br>(D)                   | 1<br>(D)                   |
| Farms by acres harvested:  |                             |                             |                      |                         |                            |                            |                            |
| 1 to 24 acres .....  | 77                          | -                           | 4                    | 22                      | 31                         | 10                         | 10                         |
| 25 to 99 acres .....   | 103                         | 2                           | 15                   | 31                      | 33                         | 15                         | 7                          |
| 100 to 249 acres .....   | 22                          | -                           | 5                    | 3                       | 6                          | 6                          | 2                          |
| 250 to 499 acres .....   | 6                           | 3                           | -                    | 1                       | 1                          | -                          | 1                          |
| 500 acres or more .....  | 1                           | -                           | -                    | -                       | 1                          | -                          | -                          |
| Potatoes .....   | farms<br>acres<br>cwt       | 95<br>1,073<br>247,661      | -<br>(D)<br>(D)      | 4<br>(D)                | 17<br>79<br>20,281         | 25<br>351<br>92,392        | 21<br>(D)<br>(D)           |
| Irrigated .....  | farms<br>acres              | 37<br>457                   | -<br>(D)             | 2<br>(D)                | 14<br>76                   | 10<br>(D)                  | 8<br>(D)                   |
| Farms by acres harvested:  |                             |                             |                      |                         |                            |                            |                            |
| 0.1 to 4.9 acres .....   | 79                          | -                           | 2                    | 14                      | 21                         | 18                         | 24                         |
| 5.0 to 24.9 acres .....  | 6                           | -                           | 1                    | 1                       | -                          | 2                          | 2                          |
| 25.0 to 99.9 acres .....   | 5                           | -                           | 1                    | 2                       | 2                          | -                          | -                          |
| 100.0 to 249.9 acres .....   | 4                           | -                           | -                    | -                       | 2                          | 2                          | 2                          |
| 250.0 acres or more .....  | 1                           | -                           | -                    | -                       | -                          | 1                          | -                          |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 99<br>7,899<br>139,552      | -<br>(D)             | 12<br>458<br>7,975      | 28<br>1,766<br>31,520      | 32<br>2,812<br>53,206      | 18<br>1,340<br>23,786      |
| Irrigated .....  | farms<br>acres              | 1<br>(D)                    | -                    | -                       | -                          | 1<br>(D)                   | -                          |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 9,330<br>299,018<br>688,799 | 37<br>1,288<br>2,256 | 422<br>15,182<br>34,907 | 2,151<br>68,499<br>153,288 | 3,272<br>98,417<br>231,286 | 2,243<br>72,899<br>172,317 |
| Irrigated .....  | farms<br>acres              | 132<br>2,067                | -                    | 6<br>72                 | 35<br>567                  | 47<br>953                  | 27<br>311                  |
| Farms by acres harvested:  |                             |                             |                      |                         |                            |                            |                            |
| 1 to 24 acres .....  | 5,691                       | 18                          | 247                  | 1,337                   | 2,036                      | 1,352                      | 701                        |
| 25 to 99 acres .....   | 3,103                       | 13                          | 142                  | 687                     | 1,079                      | 758                        | 424                        |
| 100 to 249 acres .....   | 457                         | 6                           | 27                   | 105                     | 137                        | 116                        | 66                         |
| 250 to 499 acres .....   | 68                          | -                           | 5                    | 21                      | 17                         | 14                         | 11                         |
| 500 acres or more .....  | 11                          | -                           | 1                    | 1                       | 3                          | 3                          | 3                          |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 7,450<br>215,406<br>538,133 | 29<br>684<br>1,392   | 333<br>10,743<br>27,102 | 1,741<br>50,565<br>127,126 | 2,592<br>71,117<br>179,137 | 1,819<br>53,696<br>134,196 |
| Irrigated .....  | farms<br>acres              | 97<br>1,273                 | -                    | 4<br>66                 | 22<br>401                  | 39<br>494                  | 21<br>177                  |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 1,729<br>53,397<br>83,383   | 8<br>552<br>786      | 80<br>2,934<br>3,332    | 377<br>11,542<br>16,429    | 626<br>17,377<br>26,012    | 410<br>11,558<br>21,000    |
| Irrigated .....  | farms<br>acres              | 15<br>333                   | -                    | -                       | 5<br>66                    | 3<br>(D)                   | 4<br>71                    |
| Land used for vegetables (see text) .....  | farms<br>acres              | 833<br>11,052               | 8<br>113             | 42<br>1,583             | 211<br>2,299               | 251<br>2,944               | 204<br>2,621               |
| Irrigated .....  | farms<br>acres              | 200<br>3,067                | 3                    | 16<br>811               | 59<br>842                  | 51<br>618                  | 52<br>377                  |
| Farms by acres harvested:  |                             |                             |                      |                         |                            |                            |                            |
| 0.1 to 4.9 acres .....   | 502                         | -                           | 22                   | 124                     | 160                        | 128                        | 68                         |
| 5.0 to 24.9 acres .....  | 244                         | 8                           | 8                    | 64                      | 64                         | 59                         | 41                         |
| 25.0 to 99.9 acres .....   | 65                          | -                           | 8                    | 22                      | 19                         | 10                         | 6                          |
| 100.0 to 249.9 acres .....   | 13                          | -                           | -                    | -                       | 8                          | 5                          | -                          |
| 250.0 acres or more .....  | 9                           | -                           | 4                    | 1                       | -                          | 2                          | 2                          |
| Snap beans harvested for sale .....  | farms<br>acres              | 129<br>232                  | -                    | 2<br>(D)                | 38<br>28                   | 35<br>50                   | 22<br>(D)                  |
| Harvested for processing .....   | farms<br>acres              | 9<br>(D)                    | -                    | -                       | 5<br>3                     | 2<br>(D)                   | 2<br>-                     |
| Peas, green, harvested for sale .....  | farms<br>acres              | 48<br>15                    | -                    | -                       | 18<br>8                    | 11<br>3                    | 6<br>3                     |
| Harvested for processing .....   | farms<br>acres              | -<br>-                      | -                    | -                       | -                          | -                          | -                          |
| Sweet corn harvested for sale .....  | farms<br>acres              | 321<br>1,097                | 3<br>14              | 18<br>144               | 74<br>255                  | 91<br>333                  | 82<br>230                  |
| Harvested for processing .....   | farms<br>acres              | 36<br>246                   | 3<br>14              | 5<br>82                 | 8<br>10                    | 13<br>86                   | 4<br>8                     |
| Tomatoes harvested for sale .....  | farms<br>acres              | 251<br>727                  | -                    | 5<br>23                 | 58<br>297                  | 69<br>66                   | 68<br>101                  |
| Harvested for processing .....   | farms<br>acres              | 25<br>(D)                   | -                    | -                       | 12<br>(D)                  | 7<br>(D)                   | 3<br>(D)                   |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total farming<br>and other<br>occupations | Farming          |                         |          |             |               |               |                                 |
|--|---|------------------|-------------------------|----------|-------------|---------------|---------------|---------------------------------|
|  |   | Total            | Age of operator (years) |          |             |               |               |                                 |
|  |   |                  | Under 25                | 25 to 34 | 35 to 44    | 45 to 54      | 55 to 64      | 65 and over                     |
| <b>CROPS HARVESTED - Con.</b>                    |   |                  |                         |          |             |               |               |                                 |
| Field and grass seed crops, All                  | farms<br>acres                            | 112<br>3,311     | 76<br>2,552             | -<br>-   | 2<br>(D)    | 11<br>551     | 14<br>(D)     | 19<br>745                       |
| Irrigated  | farms<br>acres                            | 1<br>(D)         | 1<br>(D)                | -<br>-   | -<br>-      | -<br>-        | -<br>-        | 1<br>(D)                        |
| All land in orchards                             | farms<br>acres                            | 2,601<br>118,166 | 1,576<br>100,916        | -<br>-   | 49<br>3,716 | 258<br>14,736 | 392<br>33,616 | 376<br>29,682                   |
| Irrigated  | farms<br>acres                            | 478<br>13,264    | 318<br>11,681           | -<br>-   | 15<br>643   | 61<br>2,063   | 103<br>3,937  | 67<br>2,583                     |
| Farms by bearing and nonbearing acres:           |   |                  |                         |          |             |               |               |                                 |
| 0.1 to 4.9 acres                                 |   | 943              | 416                     | -        | 8           | 62            | 97            | 96                              |
| 5.0 to 24.9 acres                                |   | 805              | 441                     | -        | 13          | 68            | 85            | 102                             |
| 25.0 to 99.9 acres                               |   | 539              | 433                     | -        | 20          | 83            | 105           | 98                              |
| 100.0 to 249.9 acres                             |   | 216              | 203                     | -        | 4           | 36            | 73            | 53                              |
| 250.0 acres or more                              |   | 98               | 83                      | -        | 4           | 9             | 32            | 27                              |
| Apples   | farms<br>Bearing and nonbearing acres     | 1,750<br>50,539  | 1,064<br>43,752         | -<br>-   | 30<br>2,101 | 179<br>6,808  | 284<br>14,372 | 245<br>11,808                   |
| Grapes   | farms<br>Bearing and nonbearing acres     | 678<br>13,420    | 416<br>11,865           | -<br>-   | 7<br>236    | 71<br>2,099   | 88<br>3,701   | 104<br>3,352                    |
| Peaches, All                                     | farms<br>Bearing and nonbearing acres     | 732<br>6,326     | 497<br>5,414            | -<br>-   | 20<br>235   | 86<br>784     | 141<br>1,558  | 105<br>1,799                    |
| Pecans   | farms<br>Bearing and nonbearing acres     | 1<br>(D)         | -<br>-                  | -<br>-   | -<br>-      | -<br>-        | -<br>-        | -<br>-                          |
| Walnuts, English                                 | farms<br>Bearing and nonbearing acres     | 19<br>114        | 9<br>80                 | -<br>-   | -<br>-      | -<br>-        | -<br>-        | 4<br>46                         |
| Land in berries harvested for<br>sale (see text) | farms<br>acres                            | 1,051<br>19,289  | 682<br>17,119           | -<br>-   | 23<br>202   | 121<br>4,292  | 181<br>5,020  | 168<br>4,043                    |
| Irrigated  | farms<br>acres                            | 513<br>11,902    | 375<br>10,958           | -<br>-   | 6<br>61     | 73<br>2,708   | 112<br>3,766  | 89<br>2,212                     |
|  |   |                  |                         |          |             |               |               | 5<br>95<br>3,562<br>95<br>2,211 |

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                                 | Other occupations       |          |           |              |              |              |
|--|---------------------------------------|-------------------------|----------|-----------|--------------|--------------|--------------|
|  |                                       | Age of operator (years) |          |           |              |              |              |
|  |                                       | Under 25                | 25 to 34 | 35 to 44  | 45 to 54     | 55 to 64     | 65 and over  |
| <b>CROPS HARVESTED - Con.</b>                    |                                       |                         |          |           |              |              |              |
| Field and grass seed crops, All                  | farms<br>acres                        | 36<br>759               | 2<br>(D) | 1<br>(D)  | 11<br>213    | 11<br>282    | 7<br>(D)     |
| Irrigated  | farms<br>acres                        | -<br>-                  | -<br>-   | -<br>-    | -<br>-       | -<br>-       | -<br>-       |
| All land in orchards                             | farms<br>acres                        | 1,025<br>17,250         | 2<br>(D) | 16<br>(D) | 225<br>3,060 | 355<br>4,703 | 256<br>5,380 |
| Irrigated  | farms<br>acres                        | 160<br>1,583            | -<br>-   | 2<br>(D)  | 27<br>370    | 63<br>481    | 42<br>417    |
| Farms by bearing and nonbearing acres:           |                                       |                         |          |           |              |              |              |
| 0.1 to 4.9 acres                                 |                                       | 527                     | -        | 6         | 115          | 195          | 123          |
| 5.0 to 24.9 acres                                |                                       | 364                     | 2        | 8         | 79           | 120          | 97           |
| 25.0 to 99.9 acres                               |                                       | 106                     | -        | 1         | 27           | 33           | 28           |
| 100.0 to 249.9 acres                             |                                       | 13                      | -        | 1         | 3            | 4            | 2            |
| 250.0 acres or more                              |                                       | 15                      | -        | -         | 1            | 3            | 6            |
| Apples   | farms<br>Bearing and nonbearing acres | 686<br>6,787            | 2<br>(D) | 10<br>(D) | 152<br>1,714 | 251<br>1,929 | 172<br>1,699 |
| Grapes   | farms<br>Bearing and nonbearing acres | 262<br>1,555            | -<br>-   | 5<br>51   | 48<br>270    | 88<br>429    | 72<br>478    |
| Peaches, All                                     | farms<br>Bearing and nonbearing acres | 235<br>911              | -<br>-   | 3<br>(D)  | 51<br>(D)    | 82<br>136    | 62<br>318    |
| Pecans   | farms<br>Bearing and nonbearing acres | 1<br>(D)                | -<br>-   | -<br>-    | -<br>(D)     | 1<br>-       | -<br>-       |
| Walnuts, English                                 | farms<br>Bearing and nonbearing acres | 10<br>35                | -<br>-   | -<br>-    | 3<br>7       | 1<br>(D)     | 4<br>(D)     |
| Land in berries harvested for<br>sale (see text) | farms<br>acres                        | 369<br>2,170            | 3<br>1   | 12<br>77  | 83<br>416    | 125<br>736   | 83<br>473    |
| Irrigated  | farms<br>acres                        | 138<br>944              | 3<br>1   | 4<br>(D)  | 28<br>(D)    | 42<br>284    | 32<br>201    |
|  |                                       |                         |          |           |              |              |              |

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total   | Tenure of principal operator |             |           | Operators on farm |                        |
|---|---------|------------------------------|-------------|-----------|-------------------|------------------------|
|   |         | Full owners                  | Part owners | Tenants   | One operator      | More than one operator |
| <b>F FARMS AND LAND IN FARMS</b>  |         |                              |             |           |                   |                        |
| Farms .....   | number  | 53,315                       | 37,089      | 14,199    | 2,027             | 31,833                 |
|   | percent | 100.0                        | 69.6        | 26.6      | 3.8               | 59.7                   |
| Land in farms .....   | acres   | 10,142,958                   | 3,325,819   | 6,317,989 | 499,150           | 5,326,265              |
| Average size of farm .....  | acres   | 190                          | 90          | 445       | 246               | 167                    |
| <b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b> |         |                              |             |           |                   |                        |
| Total (see text) .....  | farms   | 53,315                       | 37,089      | 14,199    | 2,027             | 31,833                 |
|   | \$1,000 | 3,917,205                    | 1,102,446   | 2,515,877 | 298,882           | 1,557,387              |
| Average per farm .....  | dollars | 73,473                       | 29,724      | 177,187   | 147,450           | 48,924                 |
| Farms by economic class:  |         |                              |             |           |                   |                        |
| Less than \$1,000 (see text) .....  |         | 13,657                       | 12,467      | 961       | 229               | 7,825                  |
| \$1,000 to \$2,499 .....  |         | 7,864                        | 6,918       | 777       | 169               | 4,978                  |
| \$2,500 to \$4,999 .....  |         | 5,594                        | 4,643       | 793       | 158               | 3,496                  |
| \$5,000 to \$9,999 .....  |         | 5,590                        | 4,118       | 1,233     | 239               | 3,518                  |
| \$10,000 to \$24,999 .....  |         | 6,602                        | 4,100       | 2,101     | 401               | 2,072                  |
| \$25,000 to \$49,999 .....  |         | 4,082                        | 2,021       | 1,804     | 257               | 2,591                  |
| \$50,000 to \$99,999 .....  |         | 3,235                        | 1,248       | 1,777     | 210               | 1,982                  |
| \$100,000 to \$249,999 .....  |         | 3,271                        | 864         | 2,241     | 166               | 1,829                  |
| \$250,000 to \$499,999 .....  |         | 1,874                        | 344         | 1,444     | 86                | 853                    |
| \$500,000 to \$999,999 .....  |         | 946                          | 196         | 688       | 62                | 347                    |
| \$1,000,000 or more .....   |         | 600                          | 170         | 380       | 50                | 168                    |
| \$1,000,000 to \$2,499,999 .....  |         | 448                          | 118         | 297       | 33                | 127                    |
| \$2,500,000 to \$4,999,999 .....  |         | 96                           | 40          | 45        | 11                | 30                     |
| \$5,000,000 or more .....   |         | 56                           | 12          | 38        | 6                 | 11                     |
| Total sales (see text) .....  | farms   | 53,315                       | 37,089      | 14,199    | 2,027             | 31,833                 |
|   | \$1,000 | 3,772,435                    | 1,067,202   | 2,413,235 | 291,998           | 1,488,008              |
| Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....                | farms   | 16,819                       | 6,975       | 8,704     | 1,140             | 10,857                 |
|   | \$1,000 | 990,921                      | 133,930     | 785,450   | 71,541            | 512,439                |
| Sales of \$50,000 or more .....   | farms   | 4,487                        | 513         | 3,665     | 309               | 2,539                  |
|   | \$1,000 | 830,230                      | 70,429      | 700,604   | 59,197            | 404,951                |
| Tobacco .....   | farms   | -                            | -           | -         | -                 | -                      |
|   | \$1,000 | -                            | -           | -         | -                 | -                      |
| Sales of \$50,000 or more .....   | farms   | -                            | -           | -         | -                 | -                      |
|   | \$1,000 | -                            | -           | -         | -                 | -                      |
| Cotton and cottonseed .....   | farms   | -                            | -           | -         | -                 | -                      |
|   | \$1,000 | -                            | -           | -         | -                 | -                      |
| Sales of \$50,000 or more .....   | farms   | -                            | -           | -         | -                 | -                      |
|   | \$1,000 | -                            | -           | -         | -                 | -                      |
| Vegetables, melons, potatoes, and sweet potatoes .....                      | farms   | 2,676                        | 1,475       | 1,042     | 159               | 1,348                  |
|   | \$1,000 | 322,510                      | 52,505      | 230,362   | 39,643            | 85,877                 |
| Sales of \$50,000 or more .....   | farms   | 743                          | 183         | 512       | 48                | 316                    |
|   | \$1,000 | 301,520                      | 40,775      | 222,458   | 38,286            | 74,530                 |
| Fruits, tree nuts, and berries .....  | farms   | 2,797                        | 2,122       | 603       | 72                | 1,443                  |
|   | \$1,000 | 181,469                      | 82,926      | 86,337    | 12,206            | 64,348                 |
| Sales of \$50,000 or more .....   | farms   | 610                          | 331         | 258       | 21                | 269                    |
|   | \$1,000 | 157,280                      | 63,735      | 81,959    | 11,586            | 51,476                 |
| Nursery, greenhouse, floriculture, and sod (see text) .....                 | farms   | 2,185                        | 1,728       | 324       | 133               | 998                    |
|   | \$1,000 | 628,699                      | 355,472     | 172,234   | 100,993           | 149,266                |
| Sales of \$50,000 or more .....   | farms   | 923                          | 706         | 156       | 61                | 362                    |
|   | \$1,000 | 610,982                      | 341,469     | 169,434   | 100,078           | 140,357                |
| Cut Christmas trees and short-rotation woody crops .....                    | farms   | 1,076                        | 876         | 166       | 34                | 646                    |
|   | \$1,000 | 30,411                       | 12,786      | 14,586    | 3,040             | 13,601                 |
| Sales of \$50,000 or more .....   | farms   | 100                          | 54          | 41        | 5                 | 50                     |
|   | \$1,000 | 23,657                       | 7,505       | 13,280    | 2,872             | 9,572                  |
| Other crops and hay (see text) .....  | farms   | 12,504                       | 7,159       | 4,896     | 449               | 7,435                  |
|   | \$1,000 | 208,618                      | 44,666      | 144,932   | 19,019            | 97,700                 |
| Sales of \$50,000 or more .....   | farms   | 877                          | 97          | 715       | 65                | 434                    |
|   | \$1,000 | 134,739                      | 11,416      | 107,211   | 16,112            | 53,035                 |
| Cattle and calves .....   | farms   | 11,293                       | 5,267       | 5,624     | 402               | 6,108                  |
|   | \$1,000 | 298,517                      | 85,576      | 201,670   | 11,271            | 135,154                |
| Sales of \$50,000 or more .....   | farms   | 997                          | 215         | 751       | 31                | 435                    |
|   | \$1,000 | 205,745                      | 52,613      | 145,222   | 7,909             | 86,029                 |
| Milk and other dairy products from cows .....                               | farms   | 2,738                        | 755         | 1,868     | 115               | 1,222                  |
|   | \$1,000 | 697,920                      | 137,650     | 541,217   | 19,053            | 235,122                |
| Sales of \$50,000 or more .....   | farms   | 1,966                        | 385         | 1,514     | 67                | 791                    |
|   | \$1,000 | 679,809                      | 129,820     | 532,272   | 17,717            | 224,888                |
| Hogs and pigs .....   | farms   | 2,336                        | 1,259       | 989       | 88                | 1,164                  |
|   | \$1,000 | 200,027                      | 59,887      | 131,523   | 8,617             | 91,399                 |
| Sales of \$50,000 or more .....   | farms   | 370                          | 115         | 240       | 15                | 199                    |
|   | \$1,000 | 192,340                      | 56,565      | 127,606   | 8,169             | 87,478                 |
| Sheep, goats, and their products .....                                      | farms   | 2,307                        | 1,578       | 656       | 73                | 1,005                  |
|   | \$1,000 | 6,613                        | 3,394       | (D)       | (D)               | 3,508                  |
| Sales of \$50,000 or more .....   | farms   | 19                           | 8           | 9         | 2                 | 11                     |
|   | \$1,000 | 2,423                        | 1,171       | (D)       | (D)               | 1,355                  |
| Horses, ponies, mules, burros, and donkeys .....                            | farms   | 3,286                        | 2,499       | 678       | 109               | 1,304                  |
|   | \$1,000 | 23,743                       | 18,866      | 4,095     | 781               | 9,614                  |
| Sales of \$50,000 or more .....   | farms   | 54                           | 40          | 13        | 1                 | 26                     |
|   | \$1,000 | 8,731                        | 7,268       | (D)       | (D)               | 4,238                  |
| Poultry and eggs .....  | farms   | 2,206                        | 1,621       | 534       | 51                | 884                    |
|   | \$1,000 | 146,700                      | 49,388      | 94,827    | 2,484             | 62,726                 |
| Sales of \$50,000 or more .....   | farms   | 80                           | 41          | 33        | 6                 | 39                     |
|   | \$1,000 | 144,455                      | 47,817      | 94,219    | 2,419             | 61,706                 |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total            | Tenure of principal operator |                  |               | Operators on farm |                        |
|--|------------------|------------------------------|------------------|---------------|-------------------|------------------------|
|  |                  | Full owners                  | Part owners      | Tenants       | One operator      | More than one operator |
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>                       |                  |                              |                  |               |                   |                        |
| Total (see text) - Con.  |                  |                              |                  |               |                   |                        |
| Total sales (see text) - Con.  |                  |                              |                  |               |                   |                        |
| Aquaculture (see text) .... farms \$1,000  | 83 3,316         | 67 3,180                     | 12 (D)           | 4 (D)         | 36 1,525          | 47 1,791               |
| Sales of \$50,000 or more .... farms \$1,000   | 12 2,808         | 12 2,808                     | -                | -             | 5 1,240           | 7 1,568                |
| Other animals and other animal products (see text) .... farms \$1,000                                  | 1,152 32,972     | 920 26,976                   | 196 2,924        | 36 3,071      | 557 25,729        | 595 7,243              |
| Sales of \$50,000 or more .... farms \$1,000   | 92 28,313        | 75 23,329                    | 14 2,035         | 3 2,949       | 60 23,117         | 32 5,197               |
| Government payments .... farms \$1,000   | 18,133 144,771   | 9,931 35,244                 | 7,435 102,643    | 767 6,884     | 11,465 69,380     | 6,668 75,391           |
| Value of -   |                  |                              |                  |               |                   |                        |
| Certified organically produced commodities (see text) .... farms \$1,000                               | 283 7,019        | 155 1,021                    | 105 5,397        | 23 601        | 166 5,455         | 117 1,564              |
| Landlord's share of total sales (see text) .... farms \$1,000  | 2,262 46,690     | -                            | 1,964 42,592     | 298 4,098     | 1,398 23,007      | 864 23,683             |
| Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000 | 4,925 37,269     | 3,128 17,778                 | 1,631 17,947     | 166 1,544     | 2,286 13,247      | 2,639 24,022           |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup></b>  |                  |                              |                  |               |                   |                        |
| Total farm production expenses .... farms \$1,000  | 53,296 3,333,716 | 36,811 1,048,172             | 14,393 2,050,467 | 2,092 235,076 | 31,104 1,332,356  | 22,192 2,001,360       |
| Average per farm .... dollars  | 62,551           | 28,474                       | 142,463          | 112,369       | 42,836            | 90,184                 |
| Fertilizer, lime, and soil conditioners purchased .... farms \$1,000                                   | 28,156 241,158   | 15,061 41,543                | 11,606 182,279   | 1,489 17,336  | 16,488 111,306    | 11,668 129,852         |
| Farms with expenses of-  |                  |                              |                  |               |                   |                        |
| \$1 to \$4,999 .....   | 19,937           | 13,451                       | 5,481            | 1,005         | 11,978            | 7,959                  |
| \$5,000 to \$24,999 .....  | 5,689            | 1,332                        | 4,037            | 320           | 3,347             | 2,342                  |
| \$25,000 to \$49,999 .....   | 1,527            | 189                          | 1,247            | 91            | 778               | 749                    |
| \$50,000 or more .....   | 1,003            | 89                           | 841              | 73            | 385               | 618                    |
| Chemicals purchased .... farms \$1,000   | 23,602 181,198   | 12,296 34,493                | 9,889 130,977    | 1,417 15,727  | 13,585 73,629     | 10,017 107,569         |
| Farms with expenses of-  |                  |                              |                  |               |                   |                        |
| \$1 to \$4,999 .....   | 17,185           | 11,031                       | 5,202            | 952           | 10,302            | 6,883                  |
| \$5,000 to \$24,999 .....  | 4,642            | 1,005                        | 3,333            | 304           | 2,636             | 2,006                  |
| \$25,000 to \$49,999 .....   | 1,057            | 156                          | 809              | 92            | 441               | 616                    |
| \$50,000 or more .....   | 718              | 104                          | 545              | 69            | 206               | 512                    |
| Seeds, plants, vines, and trees .... farms \$1,000   | 25,048 257,178   | 13,125 76,039                | 10,476 155,903   | 1,447 25,236  | 14,453 104,322    | 10,595 152,855         |
| Farms with expenses of-  |                  |                              |                  |               |                   |                        |
| \$1 to \$999 .....   | 10,930           | 8,210                        | 2,198            | 522           | 6,483             | 4,447                  |
| \$1,000 to \$4,999 .....   | 6,971            | 3,377                        | 3,152            | 442           | 4,193             | 2,778                  |
| \$5,000 to \$24,999 .....  | 5,120            | 1,137                        | 3,651            | 332           | 2,865             | 2,255                  |
| \$25,000 to \$49,999 .....   | 1,138            | 177                          | 893              | 68            | 578               | 560                    |
| \$50,000 or more .....   | 889              | 224                          | 582              | 83            | 334               | 555                    |
| Livestock and poultry purchased .... farms \$1,000   | 11,647 196,578   | 6,938 66,285                 | 4,257 124,293    | 452 5,999     | 5,443 80,748      | 6,204 115,829          |
| Farms with expenses of-  |                  |                              |                  |               |                   |                        |
| \$1 to \$4,999 .....   | 9,336            | 5,924                        | 3,023            | 389           | 4,329             | 5,007                  |
| \$5,000 to \$24,999 .....  | 1,422            | 718                          | 679              | 25            | 730               | 692                    |
| \$25,000 to \$99,999 .....   | 504              | 183                          | 297              | 24            | 232               | 272                    |
| \$100,000 to \$249,999 .....   | 222              | 67                           | 147              | 8             | 87                | 135                    |
| \$250,000 or more .....  | 163              | 46                           | 111              | 6             | 65                | 98                     |
| Breeding livestock purchased (see text) .... farms \$1,000   | 5,274 31,345     | 2,790 11,561                 | 2,276 18,672     | 208 1,112     | 2,416 12,525      | 2,858 18,820           |
| Other livestock and poultry purchased .... farms \$1,000   | 7,934 165,233    | 5,009 54,724                 | 2,597 105,621    | 328 4,887     | 3,678 68,223      | 4,256 97,010           |
| Feed purchased .... farms \$1,000  | 24,297 390,264   | 16,411 143,728               | 7,142 232,679    | 744 13,858    | 11,878 165,778    | 12,419 224,487         |
| Farms with expenses of-  |                  |                              |                  |               |                   |                        |
| \$1 to \$4,999 .....   | 18,476           | 13,576                       | 4,449            | 451           | 9,149             | 9,327                  |
| \$5,000 to \$24,999 .....  | 4,014            | 2,378                        | 1,416            | 220           | 1,881             | 2,133                  |
| \$25,000 to \$99,999 .....   | 1,161            | 290                          | 832              | 39            | 614               | 547                    |
| \$100,000 to \$249,999 .....   | 401              | 82                           | 290              | 29            | 142               | 259                    |
| \$250,000 or more .....  | 245              | 85                           | 155              | 5             | 92                | 153                    |
| Gasoline, fuels, and oils .... farms \$1,000   | 50,597 145,503   | 34,323 51,307                | 14,220 84,362    | 2,054 9,835   | 29,374 63,098     | 21,223 82,405          |
| Farms with expenses of-  |                  |                              |                  |               |                   |                        |
| \$1 to \$4,999 .....   | 44,407           | 32,696                       | 9,983            | 1,728         | 26,412            | 17,995                 |
| \$5,000 to \$24,999 .....  | 5,258            | 1,383                        | 3,626            | 249           | 2,691             | 2,567                  |
| \$25,000 to \$49,999 .....   | 641              | 145                          | 449              | 47            | 188               | 453                    |
| \$50,000 or more .....   | 291              | 99                           | 162              | 30            | 83                | 208                    |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total             | Tenure of principal operator |                   |                 | Operators on farm |                        |
|---|-------------------|------------------------------|-------------------|-----------------|-------------------|------------------------|
|   |                   | Full owners                  | Part owners       | Tenants         | One operator      | More than one operator |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |                   |                              |                   |                 |                   |                        |
| Total farm production expenses - Con.   |                   |                              |                   |                 |                   |                        |
| Utilities (see text) .... farms \$1,000   | 30,422<br>91,391  | 18,307<br>34,842             | 11,060<br>51,828  | 1,055<br>4,721  | 16,558<br>36,021  | 13,864<br>55,370       |
| Farms with expenses of-<br>\$1 to \$999 ..... 17,496  | 12,609            | 4,275                        | 612               | 10,190          | 7,306             |                        |
| \$1,000 to \$4,999 ..... 9,451  | 4,579             | 4,569                        | 303               | 4,940           | 4,511             |                        |
| \$5,000 to \$24,999 ..... 2,928   | 933               | 1,891                        | 104               | 1,266           | 1,662             |                        |
| \$25,000 to \$49,999 ..... 343  | 110               | 213                          | 20                | 107             | 236               |                        |
| \$50,000 or more ..... 204  | 76                | 112                          | 16                | 55              | 149               |                        |
| Supplies, repairs, and maintenance .... farms \$1,000   | 47,754<br>334,489 | 31,974<br>125,890            | 13,842<br>185,757 | 1,938<br>22,841 | 27,803<br>140,474 | 19,951<br>194,014      |
| Farms with expenses of-<br>\$1 to \$4,999 ..... 36,285  | 27,347            | 7,550                        | 1,388             | 22,089          | 14,196            |                        |
| \$5,000 to \$24,999 ..... 8,807   | 3,875             | 4,536                        | 396               | 4,661           | 4,146             |                        |
| \$25,000 to \$49,999 ..... 1,532  | 418               | 1,026                        | 88                | 671             | 861               |                        |
| \$50,000 or more ..... 1,130  | 334               | 730                          | 66                | 382             | 748               |                        |
| Hired farm labor .... farms \$1,000   | 12,279<br>469,731 | 6,238<br>165,288             | 5,492<br>258,183  | 549<br>46,260   | 5,950<br>135,853  | 6,329<br>333,878       |
| Farms with expenses of-<br>\$1 to \$4,999 ..... 7,177   | 4,225             | 2,626                        | 326               | 3,794           | 3,383             |                        |
| \$5,000 to \$24,999 ..... 2,442   | 1,067             | 1,284                        | 91                | 1,213           | 1,229             |                        |
| \$25,000 to \$99,999 ..... 1,736  | 613               | 1,062                        | 61                | 676             | 1,060             |                        |
| \$100,000 to \$249,999 ..... 550  | 192               | 329                          | 29                | 167             | 383               |                        |
| \$250,000 or more ..... 374   | 141               | 191                          | 42                | 100             | 274               |                        |
| Contract labor .... farms \$1,000   | 3,614<br>35,023   | 2,227<br>11,933              | 1,226<br>20,151   | 161<br>2,940    | 1,888<br>14,375   | 1,726<br>20,648        |
| Farms with expenses of-<br>\$1 to \$999 ..... 1,382   | 1,014             | 293                          | 75                | 733             | 649               |                        |
| \$1,000 to \$4,999 ..... 1,188  | 697               | 435                          | 56                | 602             | 586               |                        |
| \$5,000 to \$24,999 ..... 825   | 430               | 377                          | 18                | 490             | 335               |                        |
| \$25,000 to \$49,999 ..... 146  | 66                | 75                           | 5                 | 31              | 115               |                        |
| \$50,000 or more ..... 73   | 20                | 46                           | 7                 | 32              | 41                |                        |
| Customwork and custom hauling .... farms \$1,000  | 9,148<br>63,676   | 4,391<br>18,953              | 4,283<br>40,661   | 474<br>4,062    | 5,155<br>23,697   | 3,993<br>39,980        |
| Farms with expenses of-<br>\$1 to \$999 ..... 4,001   | 2,595             | 1,191                        | 215               | 2,320           | 1,681             |                        |
| \$1,000 to \$4,999 ..... 3,214  | 1,357             | 1,699                        | 158               | 1,932           | 1,282             |                        |
| \$5,000 to \$24,999 ..... 1,486   | 301               | 1,117                        | 68                | 758             | 728               |                        |
| \$25,000 to \$49,999 ..... 213  | 53                | 145                          | 15                | 80              | 133               |                        |
| \$50,000 or more ..... 234  | 85                | 131                          | 18                | 65              | 169               |                        |
| Cash rent for land, buildings, and grazing fees .... farms \$1,000                              | 12,399<br>216,140 | 863<br>2,846                 | 10,103<br>179,093 | 1,433<br>34,202 | 6,914<br>86,947   | 5,485<br>129,194       |
| Farms with expenses of-<br>\$1 to \$999 ..... 7,276   | 747               | 5,724                        | 805               | 4,165           | 3,111             |                        |
| \$5,000 to \$9,999 ..... 1,408  | 68                | 1,146                        | 194               | 844             | 564               |                        |
| \$10,000 to \$24,999 ..... 1,704  | 28                | 1,477                        | 199               | 997             | 707               |                        |
| \$25,000 or more ..... 2,011  | 20                | 1,756                        | 235               | 908             | 1,103             |                        |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000 | 3,940<br>33,771   | 1,437<br>6,599               | 2,225<br>21,928   | 278<br>5,244    | 2,038<br>12,864   | 1,902<br>20,906        |
| Farms with expenses of-<br>\$1 to \$999 ..... 1,534   | 817               | 662                          | 55                | 840             | 694               |                        |
| \$1,000 to \$4,999 ..... 1,179  | 346               | 756                          | 77                | 661             | 518               |                        |
| \$5,000 to \$24,999 ..... 943   | 231               | 606                          | 106               | 439             | 504               |                        |
| \$25,000 to \$49,999 ..... 170  | 24                | 123                          | 23                | 66              | 104               |                        |
| \$50,000 or more ..... 114  | 19                | 78                           | 17                | 32              | 82                |                        |
| Interest expense .... farms \$1,000   | 18,089<br>211,406 | 9,624<br>69,643              | 7,912<br>136,235  | 553<br>5,528    | 9,315<br>89,326   | 8,774<br>122,080       |
| Farms with expenses of-<br>\$1 to \$4,999 ..... 9,658   | 5,992             | 3,325                        | 341               | 5,207           | 4,451             |                        |
| \$5,000 to \$24,999 ..... 6,548   | 3,143             | 3,238                        | 167               | 3,290           | 3,258             |                        |
| \$25,000 to \$99,999 ..... 1,648  | 427               | 1,184                        | 37                | 747             | 901               |                        |
| \$100,000 or more ..... 235   | 62                | 165                          | 8                 | 71              | 164               |                        |
| Secured by real estate .... farms \$1,000   | 14,332<br>154,977 | 7,943<br>58,055              | 6,389<br>96,923   | -               | 7,328<br>67,279   | 7,004<br>87,698        |
| Farms with expenses of-<br>\$1 to \$999 ..... 1,919   | 1,352             | 567                          | -                 | 1,054           | 865               |                        |
| \$1,000 to \$4,999 ..... 5,535  | 3,275             | 2,260                        | -                 | 2,911           | 2,624             |                        |
| \$5,000 to \$24,999 ..... 5,594   | 2,914             | 2,680                        | -                 | 2,802           | 2,792             |                        |
| \$25,000 to \$49,999 ..... 838  | 290               | 548                          | -                 | 396             | 442               |                        |
| \$50,000 or more ..... 446  | 112               | 334                          | -                 | 165             | 281               |                        |
| Not secured by real estate .... farms \$1,000   | 8,737<br>56,428   | 3,420<br>11,588              | 4,764<br>39,312   | 553<br>5,528    | 4,500<br>22,047   | 4,237<br>34,381        |
| Farms with expenses of-<br>\$1 to \$999 ..... 3,042   | 1,798             | 1,119                        | 125               | 1,603           | 1,439             |                        |
| \$1,000 to \$4,999 ..... 3,192  | 1,154             | 1,822                        | 216               | 1,720           | 1,472             |                        |
| \$5,000 to \$24,999 ..... 2,067   | 375               | 1,525                        | 167               | 1,041           | 1,026             |                        |
| \$25,000 to \$49,999 ..... 286  | 66                | 195                          | 25                | 94              | 192               |                        |
| \$50,000 or more ..... 150  | 27                | 103                          | 20                | 42              | 108               |                        |
| Property taxes paid .... farms \$1,000  | 50,494<br>157,933 | 35,660<br>87,852             | 14,304<br>68,075  | 530<br>2,005    | 29,233<br>82,223  | 21,261<br>75,710       |
| Farms with expenses of-<br>\$1 to \$4,999 ..... 43,434  | 32,590            | 10,395                       | 449               | 25,550          | 17,884            |                        |
| \$5,000 to \$9,999 ..... 4,379  | 2,091             | 2,261                        | 27                | 2,530           | 1,849             |                        |
| \$10,000 to \$24,999 ..... 2,144  | 772               | 1,340                        | 32                | 951             | 1,193             |                        |
| \$25,000 or more ..... 537  | 207               | 308                          | 22                | 202             | 335               |                        |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total   | Tenure of principal operator                       |  |  | Operators on farm                                  |  |
|---|---|--|--|--|--|--|
|   |   | Full owners  | Part owners                                    | Tenants                                | One operator                                       | More than one operator                             |
| <b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>  |   |  |  |  |  |  |
| Total farm production expenses - Con.   |   |  |  |  |  |  |
| All other production expenses (see text) .... farms \$1,000   | 30,851<br>308,277                                   | 18,698<br>110,934                                  | 10,962<br>178,061                              | 1,201<br>19,282                        | 16,595<br>111,695                                  | 14,256<br>196,582                                  |
| Farms with expenses of-<br>\$1 to \$4,999 .....<br>\$5,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 to \$99,999 .....<br>\$100,000 or more .....               | 22,590<br>6,118<br>1,080<br>606<br>457              | 15,578<br>2,513<br>273<br>189<br>135               | 6,171<br>3,341<br>779<br>384<br>287            | 841<br>264<br>28<br>33<br>35           | 12,741<br>3,122<br>415<br>189<br>128               | 9,849<br>2,996<br>665<br>417<br>329                |
| Production expenses paid by landlords <sup>3</sup> .... farms \$1,000   | 2,324<br>18,239                                     | 961<br>2,562                                       | 1,226<br>14,874                                | 137<br>803                             | 1,361<br>9,528                                     | 963<br>8,711                                       |
| Depreciation expenses claimed (see text) .... farms \$1,000   | 21,682<br>386,335                                   | 11,169<br>115,892                                  | 9,633<br>249,245                               | 880<br>21,198                          | 11,390<br>156,593                                  | 10,292<br>229,743                                  |
| <b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>  |   |  |  |  |  |  |
| Net cash farm income of operations (see text) .... farms \$1,000  | 53,296<br>724,021                                   | 36,811<br>120,386                                  | 14,393<br>529,746                              | 2,092<br>73,888                        | 31,104<br>273,568                                  | 22,192<br>450,453                                  |
| Average per farm .... dollars   | 13,585  | 3,270  | 36,806   | 35,319                                 | 8,795  | 20,298   |
| Farms with net gains <sup>4</sup> .... number   | 22,737  | 13,183   | 8,348  | 1,206                                  | 13,599   | 9,138  |
| Average net gain .... dollars   | 47,047  | 25,548   | 77,316   | 72,535                                 | 32,257   | 69,057   |
| Gain of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 3,224<br>5,479<br>3,138<br>3,504<br>2,827<br>4,565  | 2,687<br>4,121<br>2,040<br>1,805<br>1,198<br>1,332 | 393<br>1,087<br>946<br>1,487<br>1,473<br>2,962 | 144<br>271<br>152<br>212<br>156<br>271 | 2,138<br>3,687<br>1,899<br>2,210<br>1,580<br>2,085 | 1,086<br>1,792<br>1,239<br>1,294<br>1,247<br>2,480 |
| Farms with net losses .... number   | 30,559  | 23,628   | 6,045  | 886                                    | 17,505   | 13,054   |
| Average net loss .... dollars   | 11,312  | 9,159  | 19,138   | 15,338                                 | 9,431  | 13,834   |
| Loss of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 3,903<br>11,691<br>6,916<br>5,386<br>1,545<br>1,118 | 3,036<br>9,782<br>5,484<br>3,891<br>864<br>571     | 681<br>1,622<br>1,247<br>1,340<br>649<br>506   | 186<br>287<br>185<br>155<br>32<br>41   | 2,589<br>7,054<br>3,789<br>2,729<br>782<br>562     | 1,314<br>4,637<br>3,127<br>2,657<br>763<br>556     |
| Net cash farm income of operators (see text) .... farms \$1,000   | 53,296<br>705,489                                   | 36,811<br>123,814                                  | 14,393<br>510,571                              | 2,092<br>71,104                        | 31,104<br>264,860                                  | 22,192<br>440,628                                  |
| Average per farm .... dollars   | 13,237  | 3,364  | 35,474   | 33,988                                 | 8,515  | 19,855   |
| Operators reporting net gains <sup>4</sup> .... farms   | 23,069  | 13,522   | 8,354  | 1,193                                  | 13,813   | 9,256  |
| Average net gain .... dollars   | 45,546  | 25,001   | 75,092   | 71,522                                 | 31,128   | 67,063   |
| Gain of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 3,356<br>5,783<br>3,146<br>3,520<br>2,823<br>4,441  | 2,794<br>4,296<br>2,075<br>1,829<br>1,195<br>1,333 | 421<br>1,173<br>929<br>1,504<br>1,487<br>2,840 | 141<br>314<br>142<br>187<br>141<br>268 | 2,235<br>3,862<br>1,922<br>2,203<br>1,580<br>2,011 | 1,121<br>1,921<br>1,224<br>1,317<br>1,243<br>2,430 |
| Operators reporting net losses .... farms   | 30,227  | 23,289   | 6,039  | 899                                    | 17,291   | 12,936   |
| Average net loss .... dollars   | 11,421  | 9,200  | 19,332   | 15,820                                 | 9,549  | 13,923   |
| Loss of-<br>Less than \$1,000 .....<br>\$1,000 to \$4,999 .....<br>\$5,000 to \$9,999 .....<br>\$10,000 to \$24,999 .....<br>\$25,000 to \$49,999 .....<br>\$50,000 or more ..... | 3,787<br>11,498<br>6,903<br>5,339<br>1,564<br>1,136 | 2,952<br>9,571<br>5,440<br>3,892<br>863<br>571     | 655<br>1,621<br>1,277<br>1,306<br>658<br>522   | 180<br>306<br>186<br>141<br>43<br>43   | 2,497<br>6,916<br>3,794<br>2,698<br>819<br>567     | 1,290<br>4,582<br>3,109<br>2,641<br>745<br>569     |
| <b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>  |   |  |  |  |  |  |
| Total .... farms \$1,000  | 2,601<br>72,023                                     | 680<br>3,217                                       | 1,750<br>64,829                                | 171<br>3,976                           | 1,546<br>28,356                                    | 1,055<br>43,667                                    |
| <b>INCOME FROM FARM-RELATED SOURCES</b>   |   |  |  |  |  |  |
| Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000   | 15,056<br>133,320                                   | 8,923<br>65,236                                    | 5,589<br>58,663                                | 544<br>9,421                           | 8,356<br>61,975                                    | 6,700<br>71,345                                    |
| Customwork and other agricultural services .... farms \$1,000   | 3,087<br>29,184                                     | 906<br>4,771                                       | 1,991<br>21,511                                | 190<br>2,902                           | 1,702<br>12,033                                    | 1,385<br>17,150                                    |
| Gross cash rent or share payments .... farms \$1,000  | 5,446<br>29,230                                     | 4,452<br>19,348                                    | 890<br>8,392                                   | 104<br>1,490                           | 3,290<br>17,213                                    | 2,156<br>12,017                                    |
| Sales of forest products, excluding Christmas trees and maple products .... farms \$1,000   | 1,557<br>11,799                                     | 1,075<br>7,743                                     | 462<br>(D)                                     | 20<br>(D)                              | 851<br>5,728                                       | 706<br>6,070                                       |
| Recreational services (see text) .... farms \$1,000   | 615<br>3,295  | 397<br>2,588                                       | 211<br>(D)                                     | 7<br>(D)                               | 324<br>1,172                                       | 291<br>2,123                                       |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total         | Tenure of principal operator |                   |                   | Operators on farm |                        |
|---|---------------|------------------------------|-------------------|-------------------|-------------------|------------------------|
|   |               | Full owners                  | Part owners       | Tenants           | One operator      | More than one operator |
| <b>INCOME FROM FARM-RELATED SOURCES - Con.</b>  |               |                              |                   |                   |                   |                        |
| Total income from farm-related sources, gross before taxes and expenses (see text) - Con.                       |               |                              |                   |                   |                   |                        |
| Patronage dividends and refunds from cooperatives (see text) .....  | farms \$1,000 | 3,247 8,745                  | 1,039 2,240       | 2,042 6,081       | 166 424           | 1,722 3,530            |
| Other farm-related income sources (see text) .....  | farms \$1,000 | 5,177 51,067                 | 2,728 28,545      | 2,232 18,110      | 217 4,412         | 2,586 22,298           |
| <b>LAND USE</b>   |               |                              |                   |                   |                   |                        |
| Total cropland .....  | farms acres   | 47,904 7,983,574             | 32,111 2,018,792  | 13,950 5,499,144  | 1,843 465,638     | 28,887 4,113,651       |
| Harvested cropland .....  | farms acres   | 38,244 6,827,903             | 23,050 1,270,011  | 13,479 5,114,775  | 1,715 443,117     | 22,711 3,403,599       |
| Farms by acres harvested:   |               |                              |                   |                   |                   |                        |
| 1 to 49 acres .....   |               | 20,486                       | 16,934            | 2,887             | 665               | 12,083                 |
| 50 to 99 acres .....  |               | 5,571                        | 3,236             | 2,018             | 317               | 3,565                  |
| 100 to 199 acres .....  |               | 4,350                        | 1,742             | 2,366             | 242               | 2,832                  |
| 200 to 499 acres .....  |               | 4,188                        | 856               | 3,059             | 273               | 2,490                  |
| 500 to 999 acres .....  |               | 2,181                        | 193               | 1,876             | 112               | 1,134                  |
| 1,000 to 1,999 acres .....  |               | 1,094                        | 62                | 960               | 72                | 491                    |
| 2,000 acres or more .....   |               | 374                          | 27                | 313               | 34                | 116                    |
| Cropland-   |               |                              |                   |                   |                   |                        |
| For pasture or grazing only .....   | farms acres   | 16,190 409,296               | 11,105 221,980    | 4,763 179,862     | 322 7,454         | 8,358 221,616          |
| On which all crops failed .....   | farms acres   | 3,113 69,071                 | 1,923 35,329      | 1,092 31,636      | 98 2,106          | 1,823 42,587           |
| Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) ..... | farms acres   | 15,120 607,936               | 11,970 463,479    | 2,886 134,134     | 264 10,323        | 9,461 404,002          |
| In cultivated summer fallow .....   | farms acres   | 2,567 69,368                 | 1,441 27,993      | 1,046 38,737      | 80 2,638          | 1,595 41,847           |
| Total woodland .....  | farms acres   | 27,818 1,224,237             | 19,434 746,281    | 8,010 463,080     | 374 14,876        | 15,895 679,210         |
| Woodland pastured .....   | farms acres   | 5,316 162,169                | 3,528 97,861      | 1,704 62,390      | 84 1,918          | 2,864 87,027           |
| Woodland not pastured .....   | farms acres   | 24,853 1,062,068             | 17,377 648,420    | 7,159 400,690     | 317 12,958        | 75,142 14,240          |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .....                           | farms acres   | 11,447 254,062               | 8,478 157,967     | 2,701 90,753      | 268 5,342         | 5,940 143,235          |
| Land in house lots, ponds, roads, wasteland, etc. ....  | farms acres   | 35,435 681,085               | 24,739 402,779    | 10,056 265,012    | 640 13,294        | 20,101 390,169         |
| Irrigated land .....  | farms acres   | 4,413 456,278                | 2,638 64,643      | 1,535 356,635     | 240 35,000        | 2,058 174,752          |
| Harvested cropland .....  | farms acres   | 4,244 453,968                | 2,486 62,923      | 1,522 356,069     | 236 34,976        | 2,355 173,642          |
| Pastureland and other land .....  | farms acres   | 235 2,310                    | 200 1,720         | 30 566            | 5 24              | 157 1,110              |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>  |               |                              |                   |                   |                   |                        |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....  | farms acres   | 6,593 296,666                | 5,311 240,352     | 1,205 53,248      | 77 3,066          | 4,643 213,768          |
| Land used to raise certified organically produced crops (see text) .....  | farms acres   | 281 25,386                   | 151 5,686         | 105 16,101        | 25 3,599          | 165 16,418             |
| Land enrolled in Federal or other crop insurance programs (see text) .....                                      | farms acres   | 7,921 3,401,787              | 2,453 326,828     | 4,959 2,815,209   | 509 259,750       | 4,567 1,615,026        |
| <b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>  |               |                              |                   |                   |                   |                        |
| Estimated market value of land and buildings .....  | farms \$1,000 | 53,296 27,143,604            | 36,811 10,449,852 | 14,393 15,477,727 | 2,092 1,216,025   | 31,104 13,948,536      |
| Average per farm .....  | dollars       | 509,299                      | 283,879           | 1,075,365         | 581,274           | 448,448                |
| Average per acre .....  | dollars       | 2,667                        | 3,181             | 2,423             | 2,397             | 2,656                  |
| Farms by value group:   |               |                              |                   |                   |                   |                        |
| \$1 to \$49,999 .....   |               | 3,811                        | 3,292             | 131               | 388               | 2,677                  |
| \$50,000 to \$99,999 .....  |               | 5,335                        | 4,597             | 450               | 288               | 3,317                  |
| \$100,000 to \$199,999 .....  |               | 13,564                       | 11,689            | 1,516             | 359               | 7,944                  |
| \$200,000 to \$499,999 .....  |               | 17,482                       | 12,551            | 4,457             | 474               | 9,903                  |
| \$500,000 to \$999,999 .....  |               | 6,913                        | 3,159             | 3,499             | 255               | 4,122                  |
| \$1,000,000 to \$1,999,999 .....  |               | 3,640                        | 1,159             | 2,305             | 176               | 2,021                  |
| \$2,000,000 to \$4,999,999 .....  |               | 2,074                        | 316               | 1,640             | 118               | 967                    |
| \$5,000,000 to \$9,999,999 .....  |               | 396                          | 43                | 323               | 30                | 129                    |
| \$10,000,000 or more .....  |               | 81                           | 5                 | 72                | 4                 | 24                     |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                     | Tenure of principal operator |                     |                     | Operators on farm |                        |
|--|---------------------------|------------------------------|---------------------|---------------------|-------------------|------------------------|
|  |                           | Full owners                  | Part owners         | Tenants             | One operator      | More than one operator |
| <b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>              |                           |                              |                     |                     |                   |                        |
| Estimated market value of all machinery and equipment .....      | farms \$1,000             | 50,891<br>3,761,334          | 34,600<br>1,358,891 | 14,213<br>2,191,201 | 2,078<br>211,241  | 29,437<br>1,892,370    |
| Farms by value group:  |                           |                              |                     |                     |                   |                        |
| \$1 to \$4,999 .....   |                           | 7,859                        | 7,088               | 599                 | 172               | 4,942                  |
| \$5,000 to \$9,999 .....   |                           | 6,747                        | 5,936               | 590                 | 221               | 3,899                  |
| \$10,000 to \$19,999 .....                                       |                           | 7,922                        | 6,303               | 1,331               | 288               | 4,449                  |
| \$20,000 to \$49,999 .....                                       |                           | 12,075                       | 8,521               | 3,064               | 490               | 7,079                  |
| \$50,000 to \$99,999 .....                                       |                           | 6,659                        | 3,604               | 2,738               | 317               | 4,043                  |
| \$100,000 to \$199,999 .....                                     |                           | 4,515                        | 1,800               | 2,434               | 281               | 2,601                  |
| \$200,000 to \$499,999 .....                                     |                           | 3,831                        | 1,111               | 2,493               | 227               | 1,938                  |
| \$500,000 or more .....  |                           | 1,283                        | 237                 | 964                 | 82                | 486                    |
| <b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>              |                           |                              |                     |                     |                   |                        |
| Tractors .....   | farms number              | 47,627<br>137,474            | 31,846<br>71,426    | 13,820<br>60,184    | 1,961<br>5,864    | 27,598<br>74,977       |
| Less than 40 horsepower (PTO) .....                              | farms number              | 27,941<br>45,749             | 20,027<br>31,044    | 6,987<br>13,235     | 927<br>1,470      | 15,598<br>24,406       |
| 40 to 99 horsepower (PTO) .....                                  | farms number              | 32,722<br>61,456             | 19,771<br>32,392    | 11,611<br>26,543    | 1,340<br>2,521    | 19,152<br>34,510       |
| 100 horsepower (PTO) or more .....                               | farms number              | 15,011<br>30,269             | 5,434<br>7,990      | 8,688<br>20,406     | 889<br>1,873      | 8,794<br>16,061        |
| Grain and bean combines (see text) .....                         | farms number              | 12,487<br>14,308             | 4,668<br>5,089      | 6,993<br>8,237      | 826<br>982        | 7,437<br>8,407         |
| Cotton pickers and strippers .....                               | farms number              | -                            | -                   | -                   | -                 | -                      |
| Forage harvesters, self-propelled (see text) .....               | farms number              | 1,933<br>2,240               | 936<br>1,111        | 892<br>1,002        | 105<br>127        | 918<br>1,083           |
| Hay balers .....   | farms number              | 18,508<br>23,012             | 10,460<br>12,315    | 7,388<br>9,925      | 660<br>772        | 10,188<br>12,499       |
| <b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>                     |                           |                              |                     |                     |                   |                        |
| Commercial fertilizer, lime, and soil conditioners .....         | farms acres treated       | 25,388<br>5,476,283          | 12,663<br>831,221   | 11,290<br>4,252,589 | 1,435<br>392,473  | 14,451<br>2,627,518    |
| Manure .....   | farms acres treated       | 11,955<br>700,621            | 5,766<br>139,837    | 5,853<br>542,354    | 336<br>18,430     | 5,925<br>266,565       |
| Acres treated with chemicals to control:                         |                           |                              |                     |                     |                   |                        |
| Insects .....  | farms acres               | 8,314<br>990,827             | 4,239<br>172,818    | 3,437<br>723,029    | 638<br>94,980     | 4,313<br>392,844       |
| Weeds, grass, or brush .....                                     | farms acres               | 18,709<br>4,387,194          | 8,406<br>524,179    | 9,103<br>3,511,527  | 1,200<br>351,488  | 10,524<br>2,086,035    |
| Nematodes .....  | farms acres               | 971<br>86,159                | 362<br>11,527       | 500<br>69,250       | 109<br>5,382      | 498<br>33,495          |
| Diseases in crops and orchards .....                             | farms acres               | 3,315<br>346,183             | 1,861<br>87,794     | 1,196<br>214,200    | 258<br>44,189     | 1,576<br>98,756        |
| Chemicals used to control growth, thin fruit, or defoliate ..... | farms acres on which used | 1,062<br>86,216              | 563<br>24,556       | 435<br>53,022       | 64<br>8,638       | 469<br>23,642          |
| <b>TENURE</b>  |                           |                              |                     |                     |                   |                        |
| Full owners .....  | farms                     | 37,089                       | 37,089              | -                   | -                 | 22,516                 |
| Part owners .....  | farms                     | 14,199                       | -                   | 14,199              | -                 | 8,005                  |
| Tenants .....  | farms                     | 2,027                        | -                   | -                   | 2,027             | 1,312                  |
| <b>OWNED AND RENTED LAND</b>                                     |                           |                              |                     |                     |                   |                        |
| Land owned .....   | farms acres               | 51,404<br>6,811,257          | 37,089<br>3,759,091 | 14,199<br>3,038,981 | 116<br>13,185     | 30,606<br>3,755,809    |
| Owned land in farms .....  | farms acres               | 51,288<br>6,272,344          | 37,089<br>3,325,819 | 14,199<br>2,946,525 | -                 | 30,521<br>3,412,997    |
| Land rented or leased from others .....                          | farms acres               | 16,374<br>3,908,154          | 148<br>10,678       | 14,199<br>3,390,026 | 2,027<br>507,450  | 9,416<br>1,930,481     |
| Rented or leased land in farms .....                             | farms acres               | 16,226<br>3,870,614          | -<br>3,371,464      | 14,199<br>499,150   | 2,027<br>499,150  | 9,317<br>1,913,268     |
| Land rented or leased to others .....                            | farms acres               | 8,026<br>576,453             | 6,634<br>443,950    | 1,213<br>111,018    | 179<br>21,485     | 4,945<br>360,025       |
| <b>NUMBER OF OPERATORS</b>                                       |                           |                              |                     |                     |                   |                        |
| Total operators .....  | number                    | 79,883                       | 54,535              | 22,353              | 2,995             | 31,833                 |
| Farms by number of operators:                                    |                           |                              |                     |                     |                   |                        |
| 1 operator .....   |                           | 31,833                       | 22,516              | 8,005               | 1,312             | 31,833                 |
| 2 operators .....  |                           | 18,086                       | 12,733              | 4,803               | 550               | -                      |
| 3 operators .....  |                           | 2,376                        | 1,276               | 988                 | 112               | 18,086                 |
| 4 operators .....  |                           | 693                          | 370                 | 289                 | 34                | 2,376                  |
| 5 or more operators .....  |                           | 327                          | 194                 | 114                 | 19                | 693                    |
| Total women operators .....                                      | number                    | 22,560                       | 17,039              | 4,944               | 577               | 3,122                  |
| Farms by number of women operators:                              |                           |                              |                     |                     |                   |                        |
| 1 operator .....   |                           | 19,397                       | 14,672              | 4,270               | 455               | 3,122                  |
| 2 operators .....  |                           | 1,238                        | 921                 | 272                 | 45                | 16,275                 |
| 3 operators .....  |                           | 152                          | 114                 | 29                  | 9                 | 1,238                  |
| 4 operators .....  |                           | 28                           | 22                  | 6                   | -                 | 152                    |
| 5 or more operators .....  |                           | 16                           | 13                  | 2                   | 1                 | 28                     |
|  |                           |                              |                     |                     |                   | 16                     |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total          | Tenure of principal operator |                     |                  | Operators on farm   |                        |
|--|----------------|------------------------------|---------------------|------------------|---------------------|------------------------|
|  |                | Full owners                  | Part owners         | Tenants          | One operator        | More than one operator |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b>                    |                |                              |                     |                  |                     |                        |
| Sex of operator:   |                |                              |                     |                  |                     |                        |
| Male .....   | 47,411         | 31,977                       | 13,542              | 1,892            | 28,711              | 18,700                 |
| Female .....   | 5,904          | 5,112                        | 657                 | 135              | 3,122               | 2,782                  |
| Primary occupation:  |                |                              |                     |                  |                     |                        |
| Farming .....  | 29,071         | 17,868                       | 10,093              | 1,110            | 17,369              | 11,702                 |
| Other .....  | 24,244         | 19,221                       | 4,106               | 917              | 14,464              | 9,780                  |
| Place of residence:  |                |                              |                     |                  |                     |                        |
| On farm operated .....                                       | 46,192         | 32,001                       | 13,002              | 1,189            | 27,351              | 18,841                 |
| Not on farm operated .....                                   | 7,123          | 5,088                        | 1,197               | 838              | 4,482               | 2,641                  |
| Days worked off farm:  |                |                              |                     |                  |                     |                        |
| None .....   | 23,109         | 15,621                       | 6,867               | 621              | 14,269              | 8,840                  |
| Any .....  | 30,206         | 21,468                       | 7,332               | 1,406            | 17,564              | 12,642                 |
| 1 to 49 days .....   | 2,751          | 1,718                        | 904                 | 129              | 1,669               | 1,082                  |
| 50 to 99 days .....  | 1,598          | 1,071                        | 444                 | 83               | 1,049               | 549                    |
| 100 to 199 days .....  | 3,510          | 2,410                        | 945                 | 155              | 2,129               | 1,381                  |
| 200 days or more .....                                       | 22,347         | 16,269                       | 5,039               | 1,039            | 12,717              | 9,630                  |
| Years on present farm:                                       |                |                              |                     |                  |                     |                        |
| 2 years or less .....  | 1,537          | 1,207                        | 210                 | 120              | 788                 | 749                    |
| 3 or 4 years .....   | 3,154          | 2,406                        | 492                 | 256              | 1,570               | 1,584                  |
| 5 to 9 years .....   | 8,777          | 6,586                        | 1,726               | 465              | 4,702               | 4,075                  |
| 10 years or more .....                                       | 39,847         | 26,890                       | 11,771              | 1,186            | 24,773              | 15,074                 |
| Average years on present farm .....                          | 21.5           | 20.9                         | 24.0                | 15.4             | 22.7                | 19.7                   |
| Age group:   |                |                              |                     |                  |                     |                        |
| Under 25 years .....   | 435            | 219                          | 100                 | 116              | 280                 | 155                    |
| 25 to 34 years .....   | 2,532          | 1,350                        | 798                 | 384              | 1,454               | 1,078                  |
| 35 to 44 years .....   | 10,489         | 6,684                        | 3,234               | 571              | 5,778               | 4,711                  |
| 45 to 49 years .....   | 7,462          | 4,958                        | 2,191               | 313              | 4,184               | 3,278                  |
| 50 to 54 years .....   | 7,765          | 5,366                        | 2,169               | 230              | 4,379               | 3,386                  |
| 55 to 59 years .....   | 6,666          | 4,613                        | 1,909               | 144              | 3,963               | 2,703                  |
| 60 to 64 years .....   | 6,014          | 4,351                        | 1,536               | 127              | 3,686               | 2,328                  |
| 65 to 69 years .....   | 4,407          | 3,342                        | 1,007               | 58               | 2,798               | 1,609                  |
| 70 years and over .....                                      | 7,545          | 6,206                        | 1,255               | 84               | 5,311               | 2,234                  |
| Average age .....  | 54.2           | 55.5                         | 52.0                | 44.2             | 55.2                | 52.7                   |
| Spanish, Hispanic, or Latino origin (see text) .....         | 828            | 615                          | 196                 | 17               | 542                 | 286                    |
| Race:  |                |                              |                     |                  |                     |                        |
| White .....  | 52,795         | 36,670                       | 14,115              | 2,010            | 31,575              | 21,220                 |
| Black or African American .....                              | 184            | 153                          | 25                  | 6                | 115                 | 69                     |
| American Indian or Alaska Native .....                       | 146            | 106                          | 36                  | 4                | 59                  | 87                     |
| Native Hawaiian or Other Pacific Islander .....              | 13             | 12                           | 1                   | -                | 9                   | 4                      |
| Asian .....  | 30             | 29                           | -                   | 1                | 16                  | 14                     |
| More than one race reported .....                            | 147            | 119                          | 22                  | 6                | 59                  | 88                     |
| Operators living on an American Indian reservation .....     | 76             | 60                           | 16                  | -                | 33                  | 43                     |
| Farms by number of persons living in operator's household:   |                |                              |                     |                  |                     |                        |
| 1 person .....   | 5,692          | 4,301                        | 1,125               | 266              | 4,966               | 726                    |
| 2 people .....   | 24,554         | 17,858                       | 6,059               | 637              | 14,462              | 10,092                 |
| 3 people .....   | 7,823          | 5,384                        | 2,106               | 333              | 4,258               | 3,565                  |
| 4 people .....   | 8,162          | 5,167                        | 2,544               | 451              | 4,469               | 3,693                  |
| 5 or more people .....                                       | 7,084          | 4,379                        | 2,365               | 340              | 3,678               | 3,406                  |
| Percent of operator's total household income from farming:   |                |                              |                     |                  |                     |                        |
| Less than 25 percent .....                                   | 34,565         | 27,297                       | 6,144               | 1,124            | 20,626              | 13,939                 |
| 25 to 49 percent .....                                       | 5,262          | 3,320                        | 1,702               | 240              | 3,460               | 1,802                  |
| 50 to 74 percent .....                                       | 4,734          | 2,519                        | 2,004               | 211              | 2,919               | 1,815                  |
| 75 to 99 percent .....                                       | 3,083          | 1,393                        | 1,555               | 135              | 1,824               | 1,259                  |
| 100 percent .....  | 4,646          | 1,939                        | 2,487               | 220              | 2,502               | 2,144                  |
| Operator is a hired manager .....                            | farms<br>acres | 621<br>98,943                | 307<br>227,906      | 97<br>69,378     | 502<br>156,047      | 523<br>240,180         |
| Farms with-  |                |                              |                     |                  |                     |                        |
| Computer for farm business .....                             | 20,937         | 12,832                       | 7,119               | 986              | 10,196              | 10,741                 |
| Internet access .....  | 27,663         | 18,528                       | 7,970               | 1,165            | 14,321              | 13,342                 |
| Farms by number of households sharing in net income of farm: |                |                              |                     |                  |                     |                        |
| 1 household .....  | 43,032         | 31,038                       | 10,517              | 1,477            | 28,002              | 15,030                 |
| 2 households .....   | 6,815          | 4,136                        | 2,347               | 332              | 2,503               | 4,312                  |
| 3 households .....   | 1,345          | 615                          | 644                 | 86               | 394                 | 951                    |
| 4 households .....   | 603            | 388                          | 202                 | 13               | 249                 | 354                    |
| 5 households or more .....                                   | 495            | 291                          | 182                 | 22               | 183                 | 312                    |
| <b>F FARMS BY TYPE OF ORGANIZATION</b>                       |                |                              |                     |                  |                     |                        |
| Family or individual .....                                   | farms<br>acres | 34,330<br>7,430,707          | 12,112<br>4,382,083 | 1,628<br>232,607 | 30,508<br>4,850,134 | 17,562<br>2,580,573    |
| Partnership .....  | farms<br>acres | 1,547<br>1,737,310           | 1,435<br>1,304,708  | 190<br>118,045   | 458<br>142,797      | 2,714<br>1,594,513     |
| Registered under state law .....                             | farms<br>acres | 868<br>1,278,271             | 917<br>200,138      | 98<br>985,153    | 265<br>92,980       | 1,618<br>97,938        |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total            | Tenure of principal operator |                  |                  | Operators on farm |                        |
|--|------------------|------------------------------|------------------|------------------|-------------------|------------------------|
|  |                  | Full owners                  | Part owners      | Tenants          | One operator      | More than one operator |
| <b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>  |                  |                              |                  |                  |                   |                        |
| Corporation .....  | farms<br>acres   | 1,817<br>911,349             | 1,004<br>153,330 | 613<br>610,509   | 200<br>147,510    | 706<br>297,578         |
| Family held .....  | farms<br>acres   | 1,683<br>875,773             | 921<br>134,895   | 592<br>600,416   | 170<br>140,472    | 650<br>283,567         |
| More than 10 stockholders .....  | farms<br>acres   | 24                           | 14               | 10               | -                 | 12                     |
| 10 or less stockholders .....  | farms<br>acres   | 1,659                        | 907              | 582              | 170               | 638                    |
| Other than family held .....   | farms<br>acres   | 134<br>35,576                | 83<br>18,445     | 21<br>10,093     | 30<br>7,038       | 56<br>14,011           |
| More than 10 stockholders .....  | farms<br>acres   | 16                           | 9                | 1                | 6                 | 12                     |
| 10 or less stockholders .....  | farms<br>acres   | 118                          | 74               | 20               | 24                | 44                     |
| Other-cooperative, estate or trust, institutional, etc .....                         | farms<br>acres   | 256<br>63,592                | 208<br>41,915    | 39<br>20,689     | 9<br>988          | 161<br>35,756          |
| <b>H HIRED FARM LABOR</b>  |                  |                              |                  |                  |                   |                        |
| Hired farm labor .....   | farms<br>workers | 12,279<br>86,855             | 6,238<br>37,574  | 5,492<br>42,283  | 549<br>6,998      | 5,950<br>30,849        |
| Workers by days worked:  |                  |                              |                  |                  |                   |                        |
| 150 days or more .....   | farms<br>workers | 4,414<br>23,034              | 1,776<br>8,748   | 2,408<br>12,699  | 230<br>1,587      | 1,735<br>5,838         |
| Less than 150 days .....   | farms<br>workers | 10,635<br>63,821             | 5,601<br>28,826  | 4,531<br>29,584  | 503<br>5,411      | 5,357<br>25,011        |
| Migrant farm labor on farms with hired labor (see text) .....                        | farms            | 1,412                        | 726              | 602              | 84                | 598                    |
| Migrant farm labor on farms reporting only contract labor (see text) .....           | farms            | 143                          | 107              | 35               | 1                 | 44                     |
| <b>F FARMS BY SIZE</b>   |                  |                              |                  |                  |                   |                        |
| 1 to 9 acres .....   |                  | 3,235                        | 2,887            | 136              | 212               | 1,801                  |
| 10 to 49 acres .....   |                  | 18,663                       | 16,446           | 1,627            | 590               | 10,792                 |
| 50 to 69 acres .....   |                  | 4,425                        | 3,497            | 768              | 160               | 2,705                  |
| 70 to 99 acres .....   |                  | 6,444                        | 5,106            | 1,153            | 185               | 4,164                  |
| 100 to 139 acres .....   |                  | 4,573                        | 3,185            | 1,228            | 160               | 2,983                  |
| 140 to 179 acres .....   |                  | 3,163                        | 1,937            | 1,095            | 131               | 1,590                  |
| 180 to 219 acres .....   |                  | 2,084                        | 1,115            | 883              | 86                | 2,018                  |
| 220 to 259 acres .....   |                  | 1,618                        | 758              | 781              | 79                | 1,445                  |
| 260 to 499 acres .....   |                  | 4,291                        | 1,471            | 2,632            | 188               | 5,278                  |
| 500 to 999 acres .....   |                  | 2,856                        | 489              | 2,246            | 121               | 38,810                 |
| 1,000 to 1,999 acres .....   |                  | 1,468                        | 150              | 1,245            | 73                | 1,505                  |
| 2,000 acres or more .....  |                  | 495                          | 48               | 405              | 42                | 683                    |
| 1,000 to 1,999 acres .....   |                  |                              |                  |                  |                   | 785                    |
| 2,000 acres or more .....  |                  |                              |                  |                  |                   | 332                    |
| <b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>                     |                  |                              |                  |                  |                   |                        |
| Oilseed and grain farming (1111) .....   |                  | 13,465                       | 6,743            | 5,788            | 934               | 9,313                  |
| Vegetable and melon farming (1112) .....   |                  | 1,610                        | 966              | 543              | 101               | 855                    |
| Fruit and tree nut farming (1113) .....  |                  | 2,376                        | 1,954            | 363              | 59                | 1,278                  |
| Greenhouse, nursery, and floriculture production (1114) .....                        |                  | 3,170                        | 2,747            | 275              | 148               | 1,736                  |
| Other crop farming (1119) .....  |                  | 14,259                       | 11,653           | 2,361            | 245               | 9,324                  |
| Tobacco farming (11191) .....  |                  | -                            | -                | -                | -                 | -                      |
| Cotton farming (11192) .....   |                  | -                            | -                | -                | -                 | -                      |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... |                  | 14,259                       | 11,653           | 2,361            | 245               | 9,324                  |
| Beef cattle ranching and farming (11211) .....                                       |                  | 4,115                        | 2,863            | 1,135            | 117               | 2,455                  |
| Cattle feedlots (112112) .....   |                  | 2,232                        | 1,304            | 858              | 70                | 1,271                  |
| Dairy cattle and milk production (11212) .....                                       |                  | 2,489                        | 691              | 1,698            | 100               | 1,108                  |
| Hog and pig farming (1122) .....   |                  | 838                          | 536              | 265              | 37                | 1,381                  |
| Poultry and egg production (1123) .....  |                  | 604                          | 524              | 67               | 13                | 445                    |
| Sheep and goat farming (1124) .....  |                  | 942                          | 759              | 154              | 29                | 393                    |
| Animal aquaculture and other animal production (1125, 1129) .....                    |                  | 7,215                        | 6,349            | 692              | 174               | 250                    |
| Animal aquaculture and other animal production (1125, 1129) .....                    |                  |                              |                  |                  |                   | 354                    |
| Animal aquaculture and other animal production (1125, 1129) .....                    |                  |                              |                  |                  |                   | 502                    |
| LIVESTOCK  |                  |                              |                  |                  |                   |                        |
| Cattle and calves inventory .....  | farms<br>number  | 14,495<br>998,204            | 7,798<br>257,948 | 6,247<br>710,305 | 450<br>29,951     | 7,941<br>412,021       |
| Farms with-  |                  |                              |                  |                  |                   |                        |
| 1 to 9 .....   |                  | 4,512                        | 3,463            | 935              | 114               | 2,438                  |
| 10 to 49 .....   |                  | 5,995                        | 3,358            | 2,441            | 196               | 3,601                  |
| 50 to 99 .....   |                  | 1,656                        | 544              | 1,043            | 69                | 901                    |
| 100 to 199 .....   |                  | 1,186                        | 263              | 885              | 38                | 755                    |
| 200 to 499 .....   |                  | 856                          | 123              | 708              | 25                | 587                    |
| 500 or more .....  |                  | 290                          | 47               | 235              | 8                 | 322                    |
| Cows and heifers that had calved .....   | farms<br>number  | 10,730<br>415,993            | 5,618<br>111,449 | 4,794<br>293,798 | 318<br>10,746     | 5,728<br>167,773       |
| Beef cows .....  | farms<br>number  | 8,144<br>117,564             | 4,834<br>49,842  | 3,102<br>64,334  | 208<br>3,388      | 4,574<br>65,740        |
| Farms with-  |                  |                              |                  |                  |                   |                        |
| 1 to 9 .....   |                  | 4,299                        | 3,043            | 1,161            | 95                | 2,354                  |
| 10 to 49 .....   |                  | 3,463                        | 1,694            | 1,667            | 102               | 2,004                  |
| 50 to 99 .....   |                  | 286                          | 77               | 199              | 10                | 170                    |
| 100 to 199 .....   |                  | 81                           | 18               | 63               | -                 | 41                     |
| 200 to 499 .....   |                  | 14                           | 2                | 11               | 1                 | 40                     |
| 500 or more .....  |                  | 1                            | -                | 1                | -                 | 10                     |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                                   | Tenure of principal operator |                             |                        | Operators on farm            |                               |  |
|---|---|------------------------------|-----------------------------|------------------------|------------------------------|-------------------------------|--|
|   |   | Full owners                  | Part owners                 | Tenants                | One operator                 | More than one operator        |  |
| <b>LIVESTOCK - Con.</b>   |   |                              |                             |                        |                              |                               |  |
| Cattle and calves inventory - Con.  |   |                              |                             |                        |                              |                               |  |
| Cows and heifers that had calved - Con.                                     |   |                              |                             |                        |                              |                               |  |
| Milk cows . . . . . farms number  | 3,013<br>298,429                        | 967<br>61,607                | 1,924<br>229,464            | 122<br>7,358           | 1,352<br>102,033             | 1,661<br>196,396              |  |
| Farms with-   |   |                              |                             |                        |                              |                               |  |
| 1 to 4 . . . . .  | 378                                     | 260                          | 101                         | 17                     | 190                          | 188                           |  |
| 5 to 9 . . . . .  | 131                                     | 71                           | 50                          | 10                     | 75                           | 56                            |  |
| 10 to 49 . . . . .  | 940                                     | 368                          | 524                         | 48                     | 500                          | 440                           |  |
| 50 to 99 . . . . .  | 723                                     | 147                          | 551                         | 25                     | 319                          | 404                           |  |
| 100 to 199 . . . . .  | 546                                     | 75                           | 454                         | 17                     | 188                          | 358                           |  |
| 200 to 499 . . . . .  | 217                                     | 24                           | 189                         | 4                      | 58                           | 159                           |  |
| 500 or more . . . . .   | 78                                      | 22                           | 55                          | 1                      | 22                           | 56                            |  |
| Other cattle (see text) . . . . . farms number                              | 12,711<br>582,211                       | 6,414<br>146,499             | 5,883<br>416,507            | 414<br>19,205          | 6,973<br>244,248             | 5,738<br>337,963              |  |
| Cattle and calves sold . . . . . farms number                               | 11,293<br>\$1,000<br>516,107<br>298,517 | 5,267<br>157,138             | 5,624<br>341,338            | 402<br>17,631          | 6,108<br>238,049             | 5,185<br>278,058              |  |
| Calves weighing less than 500 pounds . . . . . farms number                 | 4,348<br>149,974                        | 1,887<br>58,700              | 2,302<br>87,127             | 159<br>4,147           | 135,154<br>75,628            | 163,363<br>74,346             |  |
| Cattle, including calves weighing 500 pounds or more . . . . . farms number | 10,182<br>366,133                       | 4,647<br>98,438              | 5,179<br>254,211            | 356<br>13,484          | 5,469<br>162,421             | 4,713<br>203,712              |  |
| Cattle on feed (see text) . . . . . farms number                            | 4,590<br>207,660                        | 2,049<br>53,690              | 2,378<br>146,233            | 163<br>7,737           | 2,478<br>89,909              | 2,112<br>117,751              |  |
| Hogs and pigs inventory . . . . . farms number                              | 2,180<br>927,400                        | 1,202<br>295,091             | 893<br>608,161              | 85<br>24,148           | 1,111<br>417,625             | 1,069<br>509,775              |  |
| Farms with-   |   |                              |                             |                        |                              |                               |  |
| 1 to 24 . . . . .   | 1,291                                   | 864                          | 387                         | 40                     | 638                          | 653                           |  |
| 25 to 49 . . . . .  | 184                                     | 80                           | 92                          | 12                     | 100                          | 84                            |  |
| 50 to 99 . . . . .  | 151                                     | 64                           | 80                          | 7                      | 80                           | 71                            |  |
| 100 to 199 . . . . .  | 120                                     | 51                           | 58                          | 11                     | 63                           | 57                            |  |
| 200 to 499 . . . . .  | 129                                     | 49                           | 74                          | 6                      | 77                           | 52                            |  |
| 500 or more . . . . .   | 305                                     | 94                           | 202                         | 9                      | 153                          | 152                           |  |
| Used or to be used for breeding . . . . . farms number                      | 1,006<br>103,430                        | 526<br>37,096                | 435<br>63,041               | 45<br>3,293            | 504<br>41,961                | 502<br>61,469                 |  |
| Other hogs and pigs . . . . . farms number                                  | 2,007<br>823,970                        | 1,085<br>257,995             | 846<br>545,120              | 76<br>20,855           | 1,024<br>375,664             | 983<br>448,306                |  |
| Hogs and pigs sold . . . . . farms number                                   | 2,336<br>2,789,197<br>\$1,000           | 1,259<br>883,365<br>59,887   | 989<br>1,802,566<br>131,523 | 88<br>103,266<br>8,617 | 1,164<br>1,272,414<br>91,399 | 1,172<br>1,516,783<br>108,628 |  |
| Sheep and lambs of all ages inventory (see text) . . . . . farms number     | 2,236<br>88,541                         | 1,573<br>46,365              | 605<br>40,160               | 58<br>2,016            | 1,052<br>44,191              | 1,184<br>44,350               |  |
| Ewes 1 year old or older . . . . . farms number                             | 1,980<br>46,649                         | 1,403<br>25,097              | 527<br>20,333               | 50<br>1,219            | 933<br>22,909                | 1,047<br>23,740               |  |
| Sheep and lambs sold . . . . . farms number                                 | 1,377<br>67,556                         | 907<br>35,452                | 427<br>30,234               | 43<br>1,870            | 671<br>36,553                | 706<br>31,003                 |  |
| Horses and ponies inventory . . . . . farms number                          | 14,988<br>104,949                       | 11,833<br>81,817             | 2,842<br>20,268             | 313<br>2,864           | 6,998<br>47,373              | 7,990<br>57,576               |  |
| Horses and ponies sold . . . . . farms number                               | 3,238<br>11,615                         | 2,457<br>11,636              | 672<br>3,251                | 109<br>345             | 1,280<br>4,526               | 1,958<br>7,089                |  |
| Goats, All inventory . . . . . farms number                                 | 2,163<br>21,094                         | 1,636<br>14,897              | 463<br>5,074                | 64<br>1,123            | 838<br>8,331                 | 1,325<br>12,763               |  |
| Goats sold . . . . . farms number   | 646<br>8,120                            | 451<br>5,389                 | 163<br>2,117                | 32<br>614              | 234<br>3,370                 | 412<br>4,750                  |  |
| <b>POULTRY</b>  |   |                              |                             |                        |                              |                               |  |
| Layers 20 weeks old and older inventory . . . . . farms number              | 3,491<br>7,308,261                      | 2,640<br>1,653,678           | 770<br>5,651,972            | 81<br>2,611            | 1,521<br>3,718,922           | 1,970<br>3,589,339            |  |
| Farms with-   |   |                              |                             |                        |                              |                               |  |
| 1 to 399 . . . . .  | 3,442                                   | 2,610                        | 752                         | 80                     | 1,492                        | 1,950                         |  |
| 400 to 3,199 . . . . .  | 23                                      | 18                           | 4                           | 1                      | 16                           | 7                             |  |
| 3,200 to 9,999 . . . . .  | 5                                       | 2                            | 3                           | -                      | 2                            | 3                             |  |
| 10,000 to 19,999 . . . . .  | -                                       | -                            | -                           | -                      | -                            | -                             |  |
| 20,000 to 49,999 . . . . .  | 4                                       | 2                            | 2                           | -                      | 4                            | -                             |  |
| 50,000 to 99,999 . . . . .  | 4                                       | 2                            | 2                           | -                      | 1                            | 3                             |  |
| 100,000 or more . . . . .   | 13                                      | 6                            | 7                           | -                      | 6                            | 7                             |  |
| Pullets for laying flock replacement inventory . . . . . farms number       | 812<br>1,799,012                        | 591<br>314,296               | 188<br>1,224,540            | 33<br>260,176          | 345<br>1,019,009             | 467<br>780,003                |  |
| Layers and pullets sold (see text) . . . . . farms number                   | 725<br>6,995,451                        | 541<br>1,533,374             | 162<br>4,836,229            | 22<br>625,848          | 270<br>4,699,875             | 455<br>2,295,576              |  |
| Broilers and other meat-type chickens sold . . . . . farms number           | 659<br>4,027,972                        | 459<br>(D)                   | 177<br>3,853,290            | 23<br>(D)              | 234<br>282,836               | 425<br>3,745,136              |  |
| Farms with-   |   |                              |                             |                        |                              |                               |  |
| 1 to 1,999 . . . . .  | 640                                     | 455                          | 164                         | 21                     | 228                          | 412                           |  |
| 2,000 to 59,999 . . . . .   | 10                                      | 3                            | 5                           | 2                      | 4                            | 6                             |  |
| 60,000 to 99,999 . . . . .  | 1                                       | 1                            | -                           | -                      | 1                            | -                             |  |
| 100,000 or more . . . . .   | 8                                       | -                            | 8                           | -                      | 1                            | 7                             |  |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Total                     | Tenure of principal operator  |                        |                           | Operators on farm     |                           |
|------------------------------------|---------------------------|-------------------------------|------------------------|---------------------------|-----------------------|---------------------------|
|                                    |                           | Full owners                   | Part owners            | Tenants                   | One operator          | More than one operator    |
| <b>POLYCHY - Con.</b>              |                           |                               |                        |                           |                       |                           |
| Turkeys inventory .....            | farms<br>number           | 612                           | 466                    | 135                       | 11                    | 243                       |
| Turkeys sold .....                 | farms<br>number           | 1,204,019<br>366              | (D)<br>261             | 662,217<br>99             | (D)<br>6              | 302,340<br>140            |
|                                    |                           | 3,306,299                     | 1,671,357              | (D)                       | (D)                   | 723,010                   |
| <b>CROPS HARVESTED</b>             |                           |                               |                        |                           |                       |                           |
| Corn for grain .....               | farms<br>acres            | 13,613<br>2,007,021           | 4,977<br>279,687       | 7,760<br>1,593,943        | 876<br>133,391        | 8,455<br>1,000,600        |
| Irrigated .....                    | bushels<br>farms<br>acres | 234,709,542<br>857<br>180,261 | 30,682,727<br>165      | 188,224,041<br>646        | 15,802,774<br>46      | 113,525,118<br>458        |
| Farms by acres harvested:          |                           |                               |                        |                           |                       |                           |
| 1 to 24 acres .....                |                           | 3,908                         | 2,457                  | 1,226                     | 225                   | 2,607                     |
| 25 to 99 acres .....               |                           | 4,694                         | 1,880                  | 2,476                     | 338                   | 3,118                     |
| 100 to 249 acres .....             |                           | 2,770                         | 482                    | 2,115                     | 173                   | 1,644                     |
| 250 to 499 acres .....             |                           | 1,318                         | 102                    | 1,144                     | 72                    | 693                       |
| 500 acres or more .....            |                           | 923                           | 56                     | 799                       | 68                    | 625                       |
| Corn for silage or greenchop ..... | farms<br>acres            | 3,362<br>233,601              | 889<br>29,087          | 2,351<br>195,344          | 122<br>9,170          | 1,567<br>75,676           |
| Irrigated .....                    | tons<br>farms<br>acres    | 3,447,251<br>125<br>9,918     | 396,269<br>(D)         | 2,927,259<br>8,635        | 123,723<br>(D)        | 1,086,697<br>42           |
| Farms by acres harvested:          |                           |                               |                        |                           |                       |                           |
| 1 to 24 acres .....                |                           | 1,365                         | 571                    | 737                       | 57                    | 768                       |
| 25 to 99 acres .....               |                           | 1,348                         | 260                    | 1,040                     | 48                    | 607                       |
| 100 to 249 acres .....             |                           | 493                           | 49                     | 436                       | 8                     | 161                       |
| 250 to 499 acres .....             |                           | 94                            | 4                      | 84                        | 6                     | 22                        |
| 500 acres or more .....            |                           | 62                            | 5                      | 54                        | 3                     | 9                         |
| Sorghum for grain .....            | farms<br>acres            | 22<br>559                     | 14<br>329              | 5<br>(D)                  | 3<br>(D)              | 12<br>225                 |
| Irrigated .....                    | bushels<br>farms<br>acres | 21,255<br>1<br>(D)            | 12,565<br>(D)          | (D)<br>(D)                | (D)<br>(D)            | 9,420<br>1                |
| Farms by acres harvested:          |                           |                               |                        |                           |                       |                           |
| 1 to 24 acres .....                |                           | 15                            | 9                      | 4                         | 2                     | 9                         |
| 25 to 99 acres .....               |                           | 5                             | 4                      | 1                         | -                     | 2                         |
| 100 to 249 acres .....             |                           | 2                             | 1                      | -                         | 1                     | 1                         |
| 250 to 499 acres .....             |                           | -                             | -                      | -                         | -                     | -                         |
| 500 acres or more .....            |                           | -                             | -                      | -                         | -                     | -                         |
| Wheat for grain, All .....         | farms<br>acres            | 6,561<br>433,783              | 2,058<br>72,251        | 4,096<br>334,328          | 407<br>27,204         | 4,051<br>234,013          |
| Irrigated .....                    | bushels<br>farms<br>acres | 28,248,938<br>81<br>5,396     | 4,431,703<br>19<br>594 | 21,992,288<br>57<br>4,669 | 1,824,947<br>5<br>133 | 14,970,744<br>37<br>1,198 |
| Farms by acres harvested:          |                           |                               |                        |                           |                       |                           |
| 1 to 24 acres .....                |                           | 2,291                         | 1,160                  | 1,010                     | 121                   | 1,549                     |
| 25 to 99 acres .....               |                           | 2,972                         | 763                    | 1,996                     | 213                   | 1,851                     |
| 100 to 249 acres .....             |                           | 1,047                         | 119                    | 872                       | 56                    | 534                       |
| 250 to 499 acres .....             |                           | 204                           | 14                     | 177                       | 13                    | 99                        |
| 500 acres or more .....            |                           | 47                            | 2                      | 41                        | 4                     | 18                        |
| Barley for grain .....             | farms<br>acres            | 400<br>11,620                 | 112<br>2,855           | 260<br>7,937              | 28<br>828             | 205<br>4,982              |
| Irrigated .....                    | bushels<br>farms<br>acres | 576,461<br>7<br>63            | 146,570<br>(D)         | 388,613<br>(D)            | 41,278<br>-           | 235,531<br>4<br>(D)       |
| Farms by acres harvested:          |                           |                               |                        |                           |                       |                           |
| 1 to 24 acres .....                |                           | 256                           | 85                     | 154                       | 17                    | 139                       |
| 25 to 99 acres .....               |                           | 124                           | 22                     | 93                        | 9                     | 61                        |
| 100 to 249 acres .....             |                           | 17                            | 3                      | 12                        | 2                     | 4                         |
| 250 to 499 acres .....             |                           | 3                             | 2                      | 1                         | -                     | 1                         |
| 500 acres or more .....            |                           | -                             | -                      | -                         | -                     | -                         |
| Oats for grain .....               | farms<br>acres            | 2,756<br>63,485               | 1,020<br>16,821        | 1,611<br>43,787           | 125<br>2,877          | 1,564<br>32,823           |
| Irrigated .....                    | bushels<br>farms<br>acres | 3,994,940<br>32<br>519        | 1,026,159<br>15<br>386 | 2,788,792<br>(D)          | 179,989<br>(D)        | 2,064,134<br>13<br>137    |
| Farms by acres harvested:          |                           |                               |                        |                           |                       |                           |
| 1 to 24 acres .....                |                           | 1,972                         | 857                    | 1,024                     | 91                    | 1,163                     |
| 25 to 99 acres .....               |                           | 706                           | 155                    | 521                       | 30                    | 368                       |
| 100 to 249 acres .....             |                           | 75                            | 7                      | 64                        | 4                     | 31                        |
| 250 to 499 acres .....             |                           | 2                             | -                      | 2                         | -                     | 2                         |
| 500 acres or more .....            |                           | 1                             | 1                      | -                         | -                     | 1                         |
| Sunflower seed, All .....          | farms<br>acres            | 91<br>2,275                   | 49<br>(D)              | 41<br>1,759               | 1<br>(D)              | 41<br>499                 |
| Irrigated .....                    | pounds<br>farms<br>acres  | 3,381,523<br>3<br>(D)         | (D)<br>2               | 2,890,035<br>1<br>(D)     | (D)<br>-              | 534,661<br>2<br>(D)       |
| Farms by acres harvested:          |                           |                               |                        |                           |                       |                           |
| 1 to 24 acres .....                |                           | 78                            | 46                     | 32                        | -                     | 36                        |
| 25 to 99 acres .....               |                           | 8                             | 3                      | 4                         | 1                     | 5                         |
| 100 to 249 acres .....             |                           | 4                             | -                      | 4                         | -                     | 4                         |
| 250 to 499 acres .....             |                           | 1                             | -                      | 1                         | -                     | 1                         |
| 500 acres or more .....            |                           | -                             | -                      | -                         | -                     | -                         |
| Soybeans for beans .....           | farms<br>acres            | 11,683<br>2,055,424           | 4,183<br>283,624       | 6,622<br>1,622,706        | 878<br>149,094        | 7,595<br>1,123,835        |
| Irrigated .....                    | bushels<br>farms<br>acres | 78,197,248<br>84,180          | 10,617,808<br>9,692    | 61,951,890<br>70,212      | 5,627,550<br>4,276    | 4,088<br>36,250,096       |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                       | Tenure of principal operator     |                              |                               | Operators on farm        |                                |
|--|-----------------------------|----------------------------------|------------------------------|-------------------------------|--------------------------|--------------------------------|
|  |                             | Full owners                      | Part owners                  | Tenants                       | One operator             | More than one operator         |
| <b>CROPS HARVESTED - Con.</b>  |                             |                                  |                              |                               |                          |                                |
| Soybeans for beans - Con.  |                             |                                  |                              |                               |                          |                                |
| Farms by acres harvested:  |                             |                                  |                              |                               |                          |                                |
| 1 to 24 acres .....  | 2,079                       | 1,396                            | 553                          | 130                           | 1,442                    | 637                            |
| 25 to 99 acres .....   | 4,526                       | 2,065                            | 2,079                        | 382                           | 3,154                    | 1,372                          |
| 100 to 249 acres .....   | 2,706                       | 547                              | 1,943                        | 216                           | 1,761                    | 945                            |
| 250 to 499 acres .....   | 1,357                       | 120                              | 1,161                        | 76                            | 756                      | 601                            |
| 500 acres or more .....  | 1,015                       | 55                               | 886                          | 74                            | 482                      | 533                            |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt       | 1,587<br>259,026<br>4,862,193    | 403<br>26,594<br>478,007     | 1,054<br>203,085<br>3,800,657 | 130<br>29,347<br>583,529 | 992<br>131,039<br>2,398,536    |
| Irrigated .....  | farms<br>acres              | 82                               | 20                           | 52                            | 10                       | 45                             |
| Farms by acres harvested:  |                             |                                  |                              |                               |                          |                                |
| 1 to 24 acres .....  | 239                         | 143                              | 79                           | 17                            | 172                      | 67                             |
| 25 to 99 acres .....   | 594                         | 188                              | 350                          | 56                            | 402                      | 192                            |
| 100 to 249 acres .....   | 419                         | 52                               | 344                          | 23                            | 261                      | 158                            |
| 250 to 499 acres .....   | 236                         | 18                               | 203                          | 15                            | 125                      | 111                            |
| 500 acres or more .....  | 99                          | 2                                | 78                           | 19                            | 32                       | 67                             |
| Potatoes .....   | farms<br>acres<br>cwt       | 395<br>45,840<br>14,212,892      | 180<br>4,285<br>1,193,813    | 187<br>31,577<br>9,700,855    | 28<br>9,977<br>3,318,224 | 186<br>9,356<br>2,757,260      |
| Irrigated .....  | farms<br>acres              | 191                              | 79                           | 97                            | 15                       | 86                             |
| Farms by acres harvested:  |                             |                                  |                              |                               |                          |                                |
| 0.1 to 4.9 acres .....   | 215                         | 140                              | 65                           | 10                            | 104                      | 111                            |
| 5.0 to 24.9 acres .....  | 44                          | 16                               | 26                           | 2                             | 24                       | 20                             |
| 25.0 to 99.9 acres .....   | 47                          | 10                               | 34                           | 3                             | 27                       | 20                             |
| 100.0 to 249.9 acres .....   | 45                          | 10                               | 30                           | 5                             | 23                       | 22                             |
| 250.0 acres or more .....  | 44                          | 4                                | 32                           | 8                             | 8                        | 36                             |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons      | 989<br>180,054<br>3,324,568      | 162<br>12,973<br>233,475     | 724<br>142,672<br>2,640,214   | 103<br>24,409<br>450,879 | 547<br>73,558<br>1,339,423     |
| Irrigated .....  | farms<br>acres              | 46<br>(D)                        | 3<br>102                     | 41<br>3,559                   | 2<br>(D)                 | 24<br>1,961                    |
| Forage-land used for all hay and haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 22,067<br>1,212,603<br>3,557,828 | 13,276<br>395,961<br>965,005 | 8,189<br>783,549<br>2,489,317 | 602<br>33,093<br>103,506 | 12,446<br>595,345<br>1,652,779 |
| Irrigated .....  | farms<br>acres              | 454                              | 223                          | 219                           | 12                       | 213                            |
| Farms by acres harvested:  |                             |                                  |                              |                               |                          |                                |
| 1 to 24 acres .....  | 10,974                      | 8,391                            | 2,305                        | 278                           | 6,330                    | 4,644                          |
| 25 to 99 acres .....   | 7,871                       | 4,242                            | 3,402                        | 227                           | 4,588                    | 3,283                          |
| 100 to 249 acres .....   | 2,381                       | 564                              | 1,739                        | 78                            | 1,210                    | 1,171                          |
| 250 to 499 acres .....   | 632                         | 59                               | 558                          | 15                            | 240                      | 392                            |
| 500 acres or more .....  | 209                         | 20                               | 185                          | 4                             | 78                       | 131                            |
| Alfalfa hay .....  | farms<br>acres<br>tons, dry | 18,122<br>806,713<br>2,355,909   | 10,520<br>292,825<br>756,557 | 7,085<br>492,119<br>1,532,529 | 517<br>21,769<br>66,823  | 10,275<br>427,908<br>1,208,468 |
| Irrigated .....  | farms<br>acres              | 305<br>7,580                     | 149<br>2,213                 | 148<br>5,256                  | 8<br>111                 | 153<br>3,962                   |
| Other tame hay .....   | farms<br>acres<br>tons, dry | 3,762<br>149,403<br>267,751      | 2,330<br>57,845<br>93,045    | 1,351<br>87,761<br>168,693    | 81<br>3,797<br>6,013     | 2,027<br>77,374<br>138,685     |
| Irrigated .....  | farms<br>acres              | 65<br>1,149                      | 44<br>818                    | 20<br>(D)                     | 1<br>(D)                 | 26<br>405                      |
| Land used for vegetables (see text) .....  | farms<br>acres              | 2,519<br>135,428<br>817          | 1,426<br>27,803<br>398       | 950<br>98,237<br>369          | 143<br>9,388<br>50       | 1,274<br>46,837<br>343         |
| Irrigated .....  | farms<br>acres              | 60,186                           | 6,301                        | 49,217                        | 4,667                    | 17,427                         |
| Farms by acres harvested:  |                             |                                  |                              |                               |                          |                                |
| 0.1 to 4.9 acres .....   | 1,039                       | 791                              | 206                          | 42                            | 559                      | 480                            |
| 5.0 to 24.9 acres .....  | 732                         | 432                              | 246                          | 54                            | 364                      | 368                            |
| 25.0 to 99.9 acres .....   | 415                         | 143                              | 246                          | 26                            | 223                      | 192                            |
| 100.0 to 249.9 acres .....   | 194                         | 36                               | 149                          | 9                             | 87                       | 107                            |
| 250.0 acres or more .....  | 139                         | 24                               | 103                          | 12                            | 41                       | 98                             |
| Snap beans harvested for sale .....  | farms<br>acres              | 502<br>20,726                    | 285<br>3,334                 | 195<br>16,384                 | 22<br>1,008              | 206<br>10,197                  |
| Harvested for processing .....   | farms<br>acres              | 107<br>17,212                    | 25<br>2,866                  | 71<br>13,387                  | 11<br>958                | 54<br>9,098                    |
| Peas, green, harvested for sale .....  | farms<br>acres              | 160<br>1,149                     | 111<br>(D)                   | 47<br>1,043                   | 2<br>(D)                 | 63<br>355                      |
| Harvested for processing .....   | farms<br>acres              | 7<br>1,001                       | 1<br>(D)                     | 6<br>(D)                      | -<br>(D)                 | 2<br>5<br>(D)                  |
| Sweet corn harvested for sale .....  | farms<br>acres              | 982<br>10,885                    | 565<br>2,939                 | 374<br>7,740                  | 43<br>206                | 487<br>3,915                   |
| Harvested for processing .....   | farms<br>acres              | 92<br>527                        | 60<br>289                    | 29<br>216                     | 3<br>22                  | 48<br>234                      |
| Tomatoes harvested for sale .....  | farms<br>acres              | 831<br>6,041                     | 530<br>1,002                 | 270<br>4,431                  | 31<br>609                | 370<br>1,552                   |
| Harvested for processing .....   | farms<br>acres              | 72<br>3,861                      | 40<br>(D)                    | 26<br>2,977                   | 6<br>(D)                 | 35<br>754                      |

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Total                                 | Tenure of principal operator |                 |               | Operators on farm |                               |
|---|---------------------------------------|------------------------------|-----------------|---------------|-------------------|-------------------------------|
|   |                                       | Full owners                  | Part owners     | Tenants       | One operator      | More than one operator        |
| <b>CROPS HARVESTED - Con.</b>                 |                                       |                              |                 |               |                   |                               |
| Field and grass seed crops, All               | farms<br>acres                        | 112<br>3,311                 | 51<br>1,064     | 56<br>2,000   | 5<br>247          | 74<br>2,312                   |
| Irrigated                                     | farms<br>acres                        | 1<br>(D)                     | 1<br>(D)        | -             | -                 | 38<br>999                     |
| All land in orchards                          | farms<br>acres                        | 2,601<br>118,166             | 2,005<br>56,687 | 528<br>55,632 | 68<br>5,847       | 1,346<br>49,080               |
| Irrigated                                     | farms<br>acres                        | 478<br>13,264                | 350<br>6,284    | 108<br>6,607  | 20<br>373         | 236<br>5,591                  |
| Farms by bearing and nonbearing acres:        |                                       |                              |                 |               |                   |                               |
| 0.1 to 4.9 acres                              |                                       | 943                          | 815             | 106           | 22                | 484                           |
| 5.0 to 24.9 acres                             |                                       | 805                          | 677             | 110           | 18                | 437                           |
| 25.0 to 99.9 acres                            |                                       | 539                          | 376             | 146           | 17                | 287                           |
| 100.0 to 249.9 acres                          |                                       | 216                          | 107             | 103           | 6                 | 109                           |
| 250.0 acres or more                           |                                       | 98                           | 30              | 63            | 5                 | 29                            |
| Apples  | farms<br>Bearing and nonbearing acres | 1,750<br>50,539              | 1,334<br>23,266 | 380<br>24,991 | 36<br>2,282       | 883<br>20,139                 |
| Grapes  | farms<br>Bearing and nonbearing acres | 678<br>13,420                | 536<br>7,084    | 125<br>6,131  | 17<br>205         | 333<br>6,746                  |
| Peaches, All                                  | farms<br>Bearing and nonbearing acres | 732<br>6,326                 | 521<br>2,628    | 187<br>3,261  | 24<br>437         | 343<br>2,518                  |
| Pecans  | farms<br>Bearing and nonbearing acres | 1<br>(D)                     | -               | 1<br>(D)      | -                 | 1<br>(D)                      |
| Walnuts, English                              | farms<br>Bearing and nonbearing acres | 19<br>114                    | 14<br>(D)       | 4<br>(D)      | 1<br>(D)          | 8<br>46                       |
| Land in berries harvested for sale (see text) | farms<br>acres                        | 1,051<br>19,289              | 819<br>12,109   | 207<br>5,107  | 25<br>2,072       | 502<br>6,701                  |
| Irrigated                                     | farms<br>acres                        | 513<br>11,902                | 375<br>7,328    | 122<br>2,882  | 16<br>1,692       | 234<br>3,717                  |
|   |                                       |                              |                 |               |                   | 549<br>12,587<br>279<br>8,185 |

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 1. County Summary Highlights: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan    | Alcona  | Alger   | Allegan   | Alpena  | Antrim  | Arenac    |
|--|-------------|---------|---------|-----------|---------|---------|-----------|
| Farms ..... number   | 53,315      | 244     | 67      | 1,489     | 460     | 382     | 381       |
| Land in farms ..... acres  | 10,142,958  | 41,001  | 14,969  | 243,270   | 73,790  | 63,428  | 83,724    |
| Average size of farm ..... acres   | 190         | 168     | 223     | 163       | 160     | 166     | 220       |
| Median size of farm ..... acres  | 80          | 120     | 120     | 64        | 120     | 90      | 100       |
| Estimated market value of land and buildings <sup>1</sup> :                                    |             |         |         |           |         |         |           |
| Average per farm ..... dollars   | 509,299     | 353,515 | 294,462 | 514,851   | 277,594 | 452,419 | 464,953   |
| Average per acre ..... dollars   | 2,667       | 2,157   | 1,556   | 3,159     | 1,939   | 2,589   | 2,033     |
| Estimated market value of all machinery and equipment <sup>1</sup> :                           |             |         |         |           |         |         |           |
| Average per farm ..... dollars   | 73,910      | 56,682  | 43,071  | 82,427    | 46,865  | 51,547  | 61,832    |
| Farms by size:   |             |         |         |           |         |         |           |
| 1 to 9 acres .....   | 3,235       | 11      | 6       | 124       | 9       | 18      | 11        |
| 10 to 49 acres .....   | 18,663      | 57      | 10      | 612       | 123     | 111     | 113       |
| 50 to 179 acres .....  | 18,605      | 111     | 28      | 490       | 211     | 170     | 157       |
| 180 to 499 acres .....   | 7,993       | 42      | 15      | 159       | 88      | 60      | 54        |
| 500 to 999 acres .....   | 2,856       | 22      | 6       | 57        | 22      | 16      | 27        |
| 1,000 acres or more .....  | 1,963       | 1       | 2       | 47        | 7       | 7       | 19        |
| Total cropland ..... farms   | 47,904      | 218     | 63      | 1,366     | 425     | 358     | 352       |
| acres  | 7,983,574   | 27,453  | 9,832   | 198,162   | 49,683  | 35,565  | 67,045    |
| Harvested cropland ..... farms   | 38,244      | 180     | 48      | 1,147     | 373     | 282     | 237       |
| acres  | 6,827,903   | 18,505  | 5,577   | 173,538   | 36,063  | 22,106  | 55,024    |
| Irrigated land ..... farms   | 4,413       | 8       | 4       | 191       | 12      | 56      | 6         |
| acres  | 456,278     | (D)     | 44      | 15,348    | 252     | 2,416   | 57        |
| Market value of agricultural products sold (see text) ..... \$1,000                            | 3,772,435   | 5,567   | 1,511   | 230,268   | 12,553  | 15,854  | 22,531    |
| Average per farm ..... dollars   | 70,757      | 22,818  | 22,547  | 154,646   | 27,290  | 41,501  | 59,137    |
| Crops ..... \$1,000  | 2,362,628   | 2,763   | 501     | 112,570   | 4,191   | 11,068  | 16,367    |
| Livestock, poultry, and their products ..... \$1,000   | 1,409,807   | 2,805   | 1,010   | 117,698   | 8,362   | 4,786   | 6,164     |
| Farms by value of sales:   |             |         |         |           |         |         |           |
| Less than \$2,500 .....  | 23,291      | 114     | 31      | 610       | 222     | 200     | 200       |
| \$2,500 to \$4,999 .....   | 4,749       | 30      | 7       | 121       | 52      | 39      | 26        |
| \$5,000 to \$9,999 .....   | 5,107       | 29      | 6       | 151       | 53      | 30      | 33        |
| \$10,000 to \$24,999 .....   | 6,429       | 29      | 7       | 161       | 42      | 37      | 28        |
| \$25,000 to \$49,999 .....   | 4,019       | 17      | 6       | 121       | 31      | 21      | 20        |
| \$50,000 to \$99,999 .....   | 3,229       | 6       | 5       | 87        | 24      | 27      | 19        |
| \$100,000 or more .....  | 6,491       | 19      | 5       | 238       | 36      | 28      | 55        |
| Government payments ..... farms  | 18,133      | 52      | 12      | 345       | 122     | 94      | 221       |
| \$1,000  | 144,771     | 154     | 168     | 3,884     | 538     | 365     | 1,240     |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms | 15,056      | 45      | 21      | 473       | 86      | 91      | 84        |
| \$1,000  | 133,320     | 99      | 54      | 3,771     | 190     | 967     | 353       |
| Total farm production expenses <sup>1</sup> ..... \$1,000                                      | 3,333,716   | 3,528   | 1,425   | 190,944   | 9,460   | 18,022  | 16,477    |
| Average per farm ..... dollars   | 62,551      | 14,519  | 20,963  | 128,929   | 20,700  | 47,054  | 43,589    |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                          | 53,296      | 243     | 68      | 1,481     | 457     | 383     | 378       |
| \$1,000  | 724,021     | 2,498   | 352     | 42,177    | 3,196   | 3,144   | 7,300     |
| Average per farm ..... dollars   | 13,585      | 10,279  | 5,177   | 28,478    | 6,993   | 8,210   | 19,312    |
| Principal operator by primary occupation:  |             |         |         |           |         |         |           |
| Farming ..... number   | 29,071      | 137     | 36      | 803       | 253     | 195     | 197       |
| Other ..... number   | 24,244      | 107     | 31      | 686       | 207     | 187     | 184       |
| Principal operator by days worked off farm:  |             |         |         |           |         |         |           |
| Any ..... number   | 30,206      | 122     | 39      | 901       | 271     | 215     | 158       |
| 200 days or more ..... number  | 22,347      | 81      | 28      | 661       | 192     | 154     | 109       |
| Livestock and poultry:   |             |         |         |           |         |         |           |
| Cattle and calves inventory ..... farms  | 14,495      | 114     | 34      | 440       | 218     | 82      | 80        |
| number   | 998,204     | 5,400   | 1,582   | 40,993    | 9,974   | 4,035   | 5,818     |
| Beef cows ..... farms  | 8,144       | 87      | 20      | 233       | 121     | 57      | 42        |
| number   | 117,564     | 1,804   | 335     | 2,411     | 1,774   | 733     | 344       |
| Milk cows ..... farms  | 3,013       | 14      | 8       | 100       | 54      | 10      | 24        |
| number   | 298,429     | 703     | 403     | 16,101    | 2,824   | 736     | 2,363     |
| Cattle and calves sold ..... farms   | 11,293      | 70      | 20      | 315       | 167     | 58      | 62        |
| number   | 516,107     | 2,258   | 528     | 18,579    | 4,966   | 1,891   | 1,960     |
| Hogs and pigs inventory ..... farms  | 2,180       | 7       | 7       | 84        | 17      | 12      | 10        |
| number   | 927,400     | 66      | 26      | 157,549   | 179     | 368     | 963       |
| Hogs and pigs sold ..... farms   | 2,336       | 7       | 3       | 98        | 12      | 9       | 9         |
| number   | 2,789,197   | 148     | 32      | 536,204   | 250     | (D)     | 1,415     |
| Sheep and lambs inventory ..... farms  | 2,236       | 13      | 5       | 59        | 16      | 14      | 5         |
| number   | 88,541      | 384     | (D)     | 1,424     | 60      | 678     | 104       |
| Layers 20 weeks old and older inventory ..... farms  | 3,491       | 17      | 11      | 74        | 40      | 57      | 15        |
| number   | 7,308,261   | 676     | 247     | 2,143,904 | 1,137   | 1,093   | 431       |
| Broilers and other meat-type chickens sold ..... farms   | 659         | 4       | 1       | 18        | 6       | 4       | 1         |
| number   | 4,027,972   | 225     | (D)     | 2,420,666 | (D)     | 1,055   | (D)       |
| Selected crops harvested:  |             |         |         |           |         |         |           |
| Corn for grain ..... farms   | 13,613      | 14      | 1       | 347       | 58      | 46      | 108       |
| acres  | 2,007,021   | 395     | (D)     | 62,792    | 4,296   | 2,713   | 11,113    |
| bushels  | 234,709,542 | 32,721  | (D)     | 7,822,736 | 476,672 | 302,628 | 1,414,724 |
| Corn for silage or greenchop ..... farms   | 3,362       | 12      | 6       | 110       | 28      | 22      | 22        |
| acres  | 233,601     | 770     | 165     | 12,705    | 848     | 952     | 927       |
| tons   | 3,447,251   | 9,677   | 1,923   | 204,866   | 12,453  | 11,589  | 12,748    |
| Wheat for grain, All ..... farms   | 6,561       | 18      | 2       | 107       | 36      | 7       | 68        |
| acres  | 433,783     | 780     | (D)     | 6,340     | 2,507   | 190     | 5,491     |
| bushels  | 28,248,938  | 47,237  | (D)     | 375,843   | 149,305 | 11,430  | 387,778   |
| Winter wheat for grain ..... farms   | 6,488       | 18      | 2       | 107       | 36      | 7       | 67        |
| acres  | 430,193     | 780     | (D)     | (D)       | 2,507   | 190     | (D)       |
| bushels  | 28,080,725  | 47,237  | (D)     | (D)       | 149,305 | 11,430  | (D)       |
| Spring wheat for grain ..... farms   | 116         | -       | -       | 1         | -       | -       | 2         |
| acres  | 3,590       | -       | -       | (D)       | -       | -       | (D)       |
| bushels  | 168,213     | -       | -       | (D)       | -       | -       | (D)       |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Baraga  | Barry     | Bay       | Benzie  | Berrien   | Branch    | Calhoun   |
|---|---------|-----------|-----------|---------|-----------|-----------|-----------|
| Farms ..... number  | 63      | 1,063     | 787       | 181     | 1,093     | 1,123     | 1,147     |
| Land in farms ..... acres   | 15,174  | 181,766   | 186,118   | 23,055  | 174,009   | 253,690   | 239,913   |
| Average size of farm ..... acres  | 241     | 171       | 236       | 127     | 159       | 226       | 209       |
| Median size of farm ..... acres   | 206     | 80        | 90        | 80      | 53        | 84        | 107       |
| Estimated market value of land and buildings <sup>1</sup> : Average per farm ..... dollars          | 275,665 | 501,497   | 543,065   | 360,074 | 604,737   | 556,637   | 505,642   |
| Average per acre ..... dollars  | 1,241   | 2,557     | 2,573     | 3,075   | 3,698     | 2,452     | 2,314     |
| Estimated market value of all machinery and equipment <sup>1</sup> : Average per farm ..... dollars | 45,908  | 54,139    | 102,824   | 73,625  | 89,999    | 75,769    | 61,196    |
| Farms by size:  |         |           |           |         |           |           |           |
| 1 to 9 acres .....  |         | 58        | 51        | 12      | 106       | 52        | 40        |
| 10 to 49 acres .....  | 17      | 377       | 254       | 52      | 479       | 360       | 336       |
| 50 to 179 acres .....   | 17      | 411       | 230       | 78      | 311       | 426       | 469       |
| 180 to 499 acres .....  | 21      | 138       | 145       | 33      | 115       | 160       | 186       |
| 500 to 999 acres .....  | 6       | 46        | 60        | 4       | 52        | 66        | 68        |
| 1,000 acres or more .....   | 2       | 33        | 47        | 2       | 31        | 59        | 48        |
| Total cropland ..... farms  | 59      | 971       | 744       | 154     | 1,029     | 1,001     | 1,052     |
| acres   | 8,135   | 130,480   | 166,622   | 12,093  | 143,455   | 198,814   | 190,347   |
| Harvested cropland ..... farms  | 57      | 657       | 649       | 127     | 898       | 717       | 842       |
| acres   | 5,700   | 102,161   | 157,550   | 7,821   | 128,235   | 173,905   | 168,976   |
| Irrigated land ..... farms  | 3       | 43        | 58        | 24      | 224       | 141       | 73        |
| acres   | (D)     | 2,715     | 3,611     | 461     | 19,166    | 39,315    | 10,418    |
| Market value of agricultural products sold (see text) ..... \$1,000                                 | 1,120   | 47,842    | 59,373    | 4,222   | 96,716    | 64,904    | 64,443    |
| Average per farm ..... dollars  | 17,786  | 45,007    | 75,442    | 23,324  | 88,487    | 57,796    | 56,184    |
| Crops ..... \$1,000   | 647     | 19,086    | 54,568    | 3,342   | 84,578    | 39,288    | 36,169    |
| Livestock, poultry, and their products ..... \$1,000  | 473     | 28,756    | 4,806     | 879     | 12,138    | 25,616    | 28,273    |
| Farms by value of sales:  |         |           |           |         |           |           |           |
| Less than \$2,500 .....   | 31      | 603       | 256       | 80      | 333       | 527       | 479       |
| \$2,500 to \$4,999 .....  | 7       | 110       | 59        | 23      | 105       | 98        | 99        |
| \$5,000 to \$9,999 .....  | 5       | 100       | 67        | 16      | 120       | 90        | 92        |
| \$10,000 to \$24,999 .....  | 6       | 92        | 106       | 30      | 183       | 126       | 168       |
| \$25,000 to \$49,999 .....  | 9       | 37        | 72        | 16      | 100       | 83        | 116       |
| \$50,000 to \$99,999 .....  | -       | 41        | 71        | 2       | 82        | 70        | 70        |
| \$100,000 or more .....   | 5       | 80        | 156       | 14      | 170       | 129       | 123       |
| Government payments ..... farms   | 9       | 396       | 376       | 21      | 330       | 578       | 458       |
| \$1,000   | 2       | 2,656     | 2,073     | 146     | 3,016     | 4,575     | 3,437     |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms      | 14      | 269       | 216       | 54      | 436       | 313       | 384       |
| \$1,000   | 133     | 2,071     | 1,405     | 476     | 4,430     | 3,100     | 2,472     |
| Total farm production expenses <sup>1</sup> ..... \$1,000   | 738     | 52,504    | 49,659    | 4,420   | 82,845    | 67,973    | 59,295    |
| Average per farm ..... dollars  | 11,357  | 49,392    | 63,099    | 24,288  | 75,796    | 60,528    | 51,832    |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                               | 65      | 1,063     | 787       | 182     | 1,093     | 1,123     | 1,144     |
| \$1,000   | 380     | 1,532     | 12,652    | 152     | 18,410    | 2,396     | 10,947    |
| Average per farm ..... dollars  | 5,843   | 1,441     | 16,076    | 833     | 16,844    | 2,134     | 9,569     |
| Principal operator by primary occupation:   |         |           |           |         |           |           |           |
| Farming ..... number  | 26      | 527       | 486       | 92      | 682       | 593       | 609       |
| Other ..... number  | 37      | 536       | 301       | 89      | 411       | 530       | 538       |
| Principal operator by days worked off farm:   |         |           |           |         |           |           |           |
| Any .....   | 43      | 669       | 407       | 101     | 538       | 686       | 666       |
| 200 days or more .....  | 27      | 536       | 291       | 72      | 370       | 546       | 471       |
| Livestock and poultry:  |         |           |           |         |           |           |           |
| Cattle and calves inventory ..... farms   | 24      | 313       | 94        | 40      | 138       | 322       | 316       |
| number  | 1,416   | 21,168    | 4,731     | 1,282   | 4,901     | 12,833    | 16,595    |
| Beef cows ..... farms   | 13      | 205       | 58        | 34      | 86        | 185       | 204       |
| number  | 543     | 3,109     | 606       | (D)     | 1,101     | 2,086     | 2,768     |
| Milk cows ..... farms   | 7       | 38        | 15        | 1       | 18        | 55        | 49        |
| number  | 96      | 6,994     | 1,568     | (D)     | 1,546     | 2,587     | 3,912     |
| Cattle and calves sold ..... farms  | 17      | 266       | 67        | 26      | 100       | 226       | 251       |
| number  | 603     | 9,272     | 1,676     | 737     | 1,918     | 7,043     | 12,590    |
| Hogs and pigs inventory ..... farms   | 2       | 31        | 21        | 13      | 45        | 72        | 54        |
| number  | (D)     | 9,698     | 282       | 1,122   | 24,133    | 66,289    | 37,849    |
| Hogs and pigs sold ..... farms  | 1       | 35        | 18        | 7       | 43        | 76        | 57        |
| number  | (D)     | 48,261    | 392       | (D)     | 71,760    | 185,107   | 118,735   |
| Sheep and lambs inventory ..... farms   | 2       | 43        | 7         | 2       | 15        | 47        | 74        |
| number  | (D)     | 1,364     | 420       | (D)     | 402       | 1,837     | 2,163     |
| Layers 20 weeks old and older inventory ..... farms   | 11      | 59        | 20        | 20      | 44        | 29        | 65        |
| number  | 237     | 1,059     | 819       | 586     | 947       | 534       | 1,423     |
| Broilers and other meat-type chickens sold ..... farms  | 3       | 16        | 9         | -       | 5         | 9         | 6         |
| number  | 76      | 558       | 100       | -       | 382       | (D)       | 497       |
| Selected crops harvested:   |         |           |           |         |           |           |           |
| Corn for grain ..... farms  | 2       | 192       | 349       | 23      | 240       | 373       | 421       |
| acres   | (D)     | 33,435    | 46,660    | 819     | 41,376    | 77,231    | 65,608    |
| bushels   | (D)     | 3,906,114 | 6,189,785 | 72,124  | 4,866,156 | 8,941,042 | 7,038,468 |
| Corn for silage or greenchop ..... farms  | 1       | 45        | 18        | 16      | 17        | 42        | 60        |
| acres   | (D)     | 6,907     | 1,035     | 533     | 1,392     | 1,916     | 3,560     |
| tons  | (D)     | 109,939   | 12,909    | 4,015   | 21,480    | 28,426    | 50,039    |
| Wheat for grain, All ..... farms  | -       | 79        | 168       | 4       | 67        | 109       | 184       |
| acres   | -       | 6,001     | 7,819     | 24      | 2,617     | 4,612     | 12,605    |
| bushels   | -       | 355,872   | 574,597   | 815     | 143,002   | 234,338   | 700,058   |
| Winter wheat for grain ..... farms  | -       | 79        | 164       | 4       | 67        | 109       | 183       |
| acres   | -       | 6,001     | (D)       | 24      | 2,617     | (D)       | (D)       |
| bushels   | -       | 355,872   | (D)       | 815     | 143,002   | (D)       | (D)       |
| Spring wheat for grain ..... farms  | -       | -         | 4         | -       | -         | 2         | 4         |
| acres   | -       | -         | (D)       | -       | -         | (D)       | (D)       |
| bushels   | -       | -         | (D)       | -       | -         | (D)       | (D)       |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass    | Charlevoix | Cheboygan | Chippewa | Clare   | Clinton   | Crawford  |
|---|---------|------------|-----------|----------|---------|-----------|-----------|
| Farms ..... number  | 808     | 299        | 268       | 372      | 414     | 1,179     | 47        |
| Land in farms ..... acres   | 189,127 | 38,799     | 50,050    | 93,924   | 64,365  | 255,673   | 6,308     |
| Average size of farm ..... acres  | 234     | 130        | 187       | 252      | 155     | 217       | 134       |
| Median size of farm ..... acres   | 85      | 93         | 120       | 180      | 107     | 85        | 63        |
| Estimated market value of land and buildings <sup>1</sup> : Average per farm ..... dollars          | 521,896 | 414,924    | 412,509   | 337,749  | 385,382 | 522,632   | 353,662   |
| Average per acre ..... dollars  | 2,280   | 3,178      | 2,079     | 1,304    | 2,051   | 2,371     | 2,537     |
| Estimated market value of all machinery and equipment <sup>1</sup> : Average per farm ..... dollars | 100,279 | 40,980     | 46,550    | 39,122   | 41,307  | 80,149    | 37,682    |
| Farms by size:  |         |            |           |          |         |           |           |
| 1 to 9 acres ..... farms  | 45      | 15         | 18        | 12       | 14      | 72        | 3         |
| 10 to 49 acres ..... farms  | 291     | 111        | 76        | 50       | 114     | 394       | 19        |
| 50 to 179 acres ..... farms   | 257     | 115        | 85        | 149      | 194     | 416       | 19        |
| 180 to 499 acres ..... farms  | 119     | 45         | 69        | 115      | 67      | 178       | 1         |
| 500 to 999 acres ..... farms  | 47      | 8          | 12        | 29       | 20      | 61        | 5         |
| 1,000 acres or more ..... farms   | 49      | 5          | 8         | 17       | 5       | 58        | -         |
| Total cropland ..... farms  | 727     | 277        | 236       | 338      | 372     | 1,114     | 35        |
| Harvested cropland ..... farms  | 148,043 | 21,984     | 25,297    | 61,550   | 40,526  | 219,428   | 925       |
|   | acres   |            |           | 285      | 296     | 884       | 19        |
|   | 130,854 | 14,087     | 17,413    | 34,734   | 25,565  | 200,538   | 401       |
| Irrigated land ..... farms  | 104     | 22         | 24        | 11       | 13      | 45        | 6         |
|   | acres   |            |           | 340      | 789     | 3,230     | 26        |
| Market value of agricultural products sold (see text) ..... \$1,000                                 | 64,272  | 3,991      | 6,596     | 5,790    | 11,560  | 98,660    | 149       |
| Average per farm ..... dollars  | 79,545  | 13,349     | 24,612    | 15,566   | 27,922  | 83,681    | 3,161     |
| Crops ..... \$1,000   | 38,188  | 1,839      | 2,852     | 2,614    | 2,082   | 41,459    | (D)       |
| Livestock, poultry, and their products ..... \$1,000  | 26,084  | 2,153      | 3,744     | 3,177    | 9,478   | 57,202    | (D)       |
| Farms by value of sales:  |         |            |           |          |         |           |           |
| Less than \$2,500 ..... farms   | 354     | 164        | 134       | 151      | 213     | 442       | 34        |
| \$2,500 to \$4,999 ..... farms  | 78      | 42         | 30        | 54       | 33      | 113       | 4         |
| \$5,000 to \$9,999 ..... farms  | 67      | 37         | 26        | 45       | 41      | 116       | 5         |
| \$10,000 to \$24,999 ..... farms  | 79      | 29         | 36        | 48       | 51      | 159       | 3         |
| \$25,000 to \$49,999 ..... farms  | 60      | 9          | 14        | 40       | 29      | 100       | 1         |
| \$50,000 to \$99,999 ..... farms  | 59      | 8          | 10        | 25       | 17      | 91        | -         |
| \$100,000 or more ..... farms   | 111     | 10         | 18        | 9        | 30      | 158       | -         |
| Government payments ..... farms   | 331     | 53         | 38        | 66       | 100     | 549       | -         |
|   | \$1,000 | 3,025      | 139       | 323      | 475     | 4,602     | -         |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms      | 241     | 78         | 46        | 83       | 91      | 349       | 18        |
|   | \$1,000 | 3,696      | 549       | 228      | 287     | 2,816     | 422       |
| Total farm production expenses <sup>1</sup> ..... \$1,000   | 60,815  | 5,093      | 5,481     | 4,754    | 11,738  | 82,221    | 492       |
| Average per farm ..... dollars  | 75,546  | 17,150     | 20,529    | 12,813   | 28,559  | 69,268    | 10,240    |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                               | 805     | 297        | 267       | 371      | 411     | 1,187     | 48        |
|   | \$1,000 | 9,254      | 87        | 1,506    | 1,459   | 23,829    | 137       |
| Average per farm ..... dollars  | 11,495  | -291       | 5,640     | 3,934    | 2,719   | 20,075    | 2,851     |
| Principal operator by primary occupation:   |         |            |           |          |         |           |           |
| Farming ..... number  | 426     | 138        | 128       | 188      | 221     | 645       | 28        |
| Other ..... number  | 382     | 161        | 140       | 184      | 193     | 534       | 19        |
| Principal operator by days worked off farm:   |         |            |           |          |         |           |           |
| Any ..... number  | 469     | 168        | 173       | 212      | 222     | 683       | 25        |
| 200 days or more ..... number   | 377     | 119        | 126       | 161      | 170     | 534       | 23        |
| Livestock and poultry:  |         |            |           |          |         |           |           |
| Cattle and calves inventory ..... farms   | 191     | 92         | 99        | 151      | 164     | 334       | 6         |
|   | number  | 6,695      | 3,279     | 5,066    | 7,394   | 44,416    | 130       |
| Beef cows ..... farms   | 135     | 57         | 75        | 122      | 92      | 118       | 3         |
|   | number  | 2,083      | 861       | 1,636    | 2,831   | 1,837     | (D)       |
| Milk cows ..... farms   | 23      | 13         | 8         | 18       | 46      | 87        | -         |
|   | number  | 879        | 669       | 1,090    | 652     | 2,670     | 18,717    |
| Cattle and calves sold ..... farms  | 130     | 68         | 75        | 111      | 138     | 263       | 5         |
|   | number  | 2,865      | 1,188     | 2,193    | 2,864   | 6,271     | 16,859    |
| Hogs and pigs inventory ..... farms   | 68      | 7          | 6         | 14       | 21      | 35        | 1         |
|   | number  | 127,219    | 87        | 121      | 454     | 274       | 11,939    |
| Hogs and pigs sold ..... farms  | 72      | 10         | 14        | 14       | 14      | 43        | 2         |
|   | number  | 283,021    | 79        | 122      | 518     | 524       | 29,420    |
| Sheep and lambs inventory ..... farms   | 43      | 23         | 12        | 22       | 19      | 31        | 3         |
|   | number  | 1,182      | 971       | 455      | 1,877   | 235       | 2,197     |
| Layers 20 weeks old and older inventory ..... farms   | 43      | 24         | 34        | 26       | 42      | 67        | 9         |
|   | number  | 1,364      | 508       | 708      | 879     | 1,330     | 2,240     |
| Broilers and other meat-type chickens sold ..... farms  | 8       | 4          | 3         | 4        | 10      | 7         | -         |
|   | number  | (D)        | 405       | 250      | (D)     | 1,657     | (D)       |
| Selected crops harvested:   |         |            |           |          |         |           |           |
| Corn for grain ..... farms  | 251     | 36         | 12        | 1        | 48      | 416       | 3         |
|   | acres   | 58,243     | 1,613     | 409      | (D)     | 2,180     | 25        |
|   | bushels | 6,664,895  | 167,694   | 41,670   | (D)     | 222,942   | 2,100     |
| Corn for silage or greenchop ..... farms  | 16      | 20         | 7         | 1        | 39      | 97        | -         |
|   | acres   | 787        | 708       | 548      | (D)     | 1,846     | 12,749    |
|   | tons    | 10,388     | 11,907    | 3,317    | (D)     | 24,677    | 206,582   |
| Wheat for grain, All ..... farms  | 67      | 7          | 6         | 7        | 26      | 280       | -         |
|   | acres   | 3,729      | 80        | 161      | 172     | 838       | 18,443    |
|   | bushels | 182,916    | 3,350     | 7,290    | 6,574   | 50,263    | 1,275,631 |
| Winter wheat for grain ..... farms  | 66      | 7          | 6         | 7        | 25      | 274       | -         |
|   | acres   | 3,640      | 80        | 161      | (D)     | 18,308    | -         |
|   | bushels | 179,201    | 3,350     | 7,290    | (D)     | 1,268,681 | -         |
| Spring wheat for grain ..... farms  | 4       | -          | -         | -        | 1       | 9         | -         |
|   | acres   | 89         | -         | -        | (D)     | 135       | -         |
|   | bushels | 3,715      | -         | -        | (D)     | 6,950     | -         |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Delta   | Dickinson | Eaton     | Emmet   | Genesee   | Gladwin | Gogebic |
|---|---------|-----------|-----------|---------|-----------|---------|---------|
| Farms ..... number  | 273     | 146       | 1,221     | 274     | 1,051     | 534     | 49      |
| Land in farms ..... acres   | 74,242  | 28,658    | 238,188   | 43,665  | 142,756   | 72,056  | 4,024   |
| Average size of farm ..... acres  | 272     | 196       | 195       | 159     | 136       | 135     | 82      |
| Median size of farm ..... acres   | 170     | 140       | 80        | 104     | 47        | 97      | 76      |
| Estimated market value of land and buildings <sup>1</sup> : Average per farm ..... dollars          | 385,550 | 286,007   | 521,167   | 460,595 | 512,373   | 261,086 | 153,151 |
| Average per acre ..... dollars  | 1,445   | 1,407     | 2,838     | 2,983   | 3,853     | 2,177   | 1,821   |
| Estimated market value of all machinery and equipment <sup>1</sup> : Average per farm ..... dollars | 48,265  | 42,338    | 64,233    | 41,337  | 55,786    | 31,849  | 20,498  |
| Farms by size:  |         |           |           |         |           |         |         |
| 1 to 9 acres ..... farms  | 12      | 11        | 58        | 16      | 76        | 13      | 7       |
| 10 to 49 acres ..... farms  | 40      | 36        | 443       | 77      | 545       | 144     | 9       |
| 50 to 179 acres ..... farms   | 108     | 46        | 427       | 111     | 290       | 267     | 29      |
| 180 to 499 acres ..... farms  | 71      | 42        | 183       | 53      | 71        | 84      | 4       |
| 500 to 999 acres ..... farms  | 27      | 7         | 64        | 12      | 38        | 21      | -       |
| 1,000 acres or more ..... farms   | 15      | 4         | 46        | 5       | 31        | 5       | -       |
| Total cropland ..... farms  | 263     | 130       | 1,106     | 232     | 908       | 509     | 43      |
| acres   | 41,604  | 13,855    | 193,839   | 25,395  | 116,264   | 51,930  | 1,984   |
| Harvested cropland ..... farms  | 231     | 104       | 847       | 200     | 682       | 384     | 36      |
| acres   | 26,570  | 9,371     | 171,242   | 17,568  | 99,799    | 30,837  | 1,127   |
| Irrigated land ..... farms  | 23      | 7         | 31        | 24      | 66        | 13      | 2       |
| acres   | 397     | 130       | 1,702     | 437     | 1,345     | 142     | (D)     |
| Market value of agricultural products sold (see text) ..... \$1,000                                 | 10,219  | 3,767     | 53,034    | 5,867   | 29,432    | 8,315   | 201     |
| Average per farm ..... dollars  | 37,433  | 25,798    | 43,435    | 21,412  | 28,004    | 15,572  | 4,093   |
| Crops ..... \$1,000   | 4,827   | 1,648     | 40,397    | 2,851   | 21,667    | 4,873   | 157     |
| Livestock, poultry, and their products ..... \$1,000  | 5,392   | 2,118     | 12,636    | 3,016   | 7,765     | 3,442   | 43      |
| Farms by value of sales:  |         |           |           |         |           |         |         |
| Less than \$2,500 ..... farms   | 116     | 76        | 519       | 123     | 565       | 272     | 31      |
| \$2,500 to \$4,999 ..... farms  | 31      | 16        | 114       | 32      | 134       | 57      | 7       |
| \$5,000 to \$9,999 ..... farms  | 32      | 15        | 137       | 40      | 84        | 51      | 4       |
| \$10,000 to \$24,999 ..... farms  | 27      | 11        | 144       | 34      | 89        | 73      | 6       |
| \$25,000 to \$49,999 ..... farms  | 18      | 11        | 102       | 17      | 61        | 45      | 1       |
| \$50,000 to \$99,999 ..... farms  | 24      | 6         | 81        | 13      | 41        | 20      | -       |
| \$100,000 or more ..... farms   | 25      | 11        | 124       | 15      | 77        | 16      | -       |
| Government payments ..... farms   | 55      | 31        | 447       | 33      | 218       | 178     | 3       |
| \$1,000   | 405     | 194       | 3,058     | 147     | 1,601     | 657     | (Z)     |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms      | 65      | 41        | 448       | 63      | 268       | 92      | 17      |
| \$1,000   | 211     | 250       | 3,087     | 299     | 2,436     | 252     | 295     |
| Total farm production expenses <sup>1</sup> ..... \$1,000   | 7,980   | 3,665     | 50,408    | 4,456   | 36,043    | 7,195   | 770     |
| Average per farm ..... dollars  | 29,232  | 24,932    | 41,216    | 16,324  | 34,131    | 13,399  | 15,721  |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                               | 273     | 147       | 1,223     | 273     | 1,056     | 537     | 49      |
| \$1,000   | 1,536   | 673       | 11,740    | 1,413   | -2,288    | 1,595   | (D)     |
| Average per farm ..... dollars  | 5,625   | 4,580     | 9,599     | 5,177   | -2,167    | 2,971   | (D)     |
| Principal operator by primary occupation:   |         |           |           |         |           |         |         |
| Farming ..... number  | 143     | 72        | 637       | 150     | 597       | 257     | 19      |
| Other ..... number  | 130     | 74        | 584       | 124     | 454       | 277     | 30      |
| Principal operator by days worked off farm:   |         |           |           |         |           |         |         |
| Any ..... number  | 139     | 91        | 712       | 167     | 544       | 300     | 36      |
| 200 days or more ..... number   | 93      | 62        | 558       | 104     | 393       | 197     | 16      |
| Livestock and poultry:  |         |           |           |         |           |         |         |
| Cattle and calves inventory ..... farms   | 120     | 52        | 342       | 111     | 207       | 207     | 12      |
| number  | 7,273   | 2,903     | 13,096    | 5,007   | 7,401     | 6,718   | 179     |
| Beef cows ..... farms   | 81      | 41        | 226       | 79      | 126       | 119     | 8       |
| number  | 1,891   | 761       | 3,082     | 1,374   | 1,112     | 2,048   | 78      |
| Milk cows ..... farms   | 24      | 12        | 43        | 15      | 18        | 54      | -       |
| number  | 1,694   | 803       | 2,083     | 750     | 1,552     | 1,056   | -       |
| Cattle and calves sold ..... farms  | 98      | 44        | 260       | 82      | 146       | 156     | 11      |
| number  | 3,026   | 800       | 7,562     | 1,983   | 3,994     | 2,512   | 57      |
| Hogs and pigs inventory ..... farms   | 6       | 12        | 41        | 12      | 48        | 34      | -       |
| number  | 647     | 132       | 10,188    | 270     | 2,532     | 2,362   | -       |
| Hogs and pigs sold ..... farms  | 9       | 15        | 46        | 14      | 37        | 43      | 3       |
| number  | 966     | 524       | 30,359    | 657     | 5,250     | 2,495   | (D)     |
| Sheep and lambs inventory ..... farms   | 12      | 6         | 55        | 17      | 63        | 19      | 3       |
| number  | 97      | 40        | 2,377     | 124     | 1,660     | 712     | 27      |
| Layers 20 weeks old and older inventory ..... farms   | 23      | 13        | 63        | 36      | 105       | 61      | 4       |
| number  | 611     | 340       | 4,297     | 966     | 3,670     | 2,106   | 94      |
| Broilers and other meat-type chickens sold ..... farms  | 4       | 2         | 12        | 7       | 16        | 4       | -       |
| number  | 92      | (D)       | 2,356     | 1,098   | 2,553     | 239     | -       |
| Selected crops harvested:   |         |           |           |         |           |         |         |
| Corn for grain ..... farms  | 22      | 11        | 387       | 35      | 164       | 108     | -       |
| acres   | 2,110   | 345       | 65,025    | 1,290   | 28,338    | 5,783   | -       |
| bushels   | 213,845 | 50,475    | 7,550,197 | 124,149 | 2,487,425 | 685,957 | -       |
| Corn for silage or greenchop ..... farms  | 23      | 24        | 58        | 31      | 21        | 43      | -       |
| acres   | 819     | 942       | 2,045     | 964     | 1,545     | 532     | -       |
| tons  | 8,851   | 10,952    | 24,007    | 12,332  | 17,452    | 6,729   | -       |
| Wheat for grain, All ..... farms  | 6       | 2         | 180       | 3       | 124       | 29      | -       |
| acres   | 604     | (D)       | 13,106    | 46      | 8,463     | 921     | -       |
| bushels   | 31,882  | (D)       | 829,754   | 2,023   | 504,106   | 58,199  | -       |
| Winter wheat for grain ..... farms  | 4       | 2         | 180       | 3       | 122       | 29      | -       |
| acres   | (D)     | (D)       | 13,106    | 46      | 8,415     | 921     | -       |
| bushels   | (D)     | (D)       | 829,754   | 2,023   | 502,626   | 58,199  | -       |
| Spring wheat for grain ..... farms  | 2       | -         | -         | -       | 4         | -       | -       |
| acres   | (D)     | -         | -         | -       | 48        | -       | -       |
| bushels   | (D)     | -         | -         | -       | 1,480     | -       | -       |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Grand<br>Traverse | Gratiot   | Hillsdale | Houghton | Huron      | Ingham    | Ionia     | Iosco   |
|--|-------------------|-----------|-----------|----------|------------|-----------|-----------|---------|
| Farms ..... number   | 489               | 1,018     | 1,509     | 158      | 1,189      | 1,018     | 1,146     | 285     |
| Land in farms ..... acres  | 62,268            | 288,932   | 275,316   | 25,856   | 431,984    | 185,291   | 230,102   | 44,556  |
| Average size of farm ..... acres   | 127               | 284       | 182       | 164      | 363        | 182       | 201       | 156     |
| Median size of farm ..... acres  | 64                | 90        | 80        | 120      | 143        | 60        | 84        | 90      |
| Estimated market value of land and buildings <sup>1</sup> :<br>Average per farm ..... dollars          | 557,942           | 596,630   | 458,441   | 198,904  | 704,043    | 548,872   | 576,416   | 368,737 |
| Average per acre ..... dollars   | 4,139             | 2,020     | 2,400     | 1,326    | 1,998      | 2,879     | 2,786     | 2,280   |
| Estimated market value of all machinery and equipment <sup>1</sup> :<br>Average per farm ..... dollars | 52,300            | 97,459    | 52,741    | 41,237   | 149,928    | 73,993    | 93,986    | 46,359  |
| Farms by size:<br>1 to 9 acres ..... farms   | 55                | 39        | 59        | 6        | 73         | 99        | 70        | 8       |
| 10 to 49 acres ..... farms   | 189               | 323       | 546       | 40       | 276        | 460       | 404       | 98      |
| 50 to 179 acres ..... farms  | 166               | 362       | 604       | 64       | 352        | 254       | 398       | 114     |
| 180 to 499 acres ..... farms   | 54                | 138       | 178       | 40       | 231        | 119       | 152       | 44      |
| 500 to 999 acres ..... farms   | 17                | 80        | 60        | 6        | 142        | 50        | 73        | 18      |
| 1,000 acres or more ..... farms  | 8                 | 76        | 62        | 2        | 115        | 36        | 49        | 3       |
| Total cropland ..... farms   | 452               | 935       | 1,357     | 141      | 1,057      | 869       | 1,025     | 264     |
| acres  | 42,696            | 253,632   | 216,626   | 12,661   | 394,344    | 155,344   | 190,404   | 31,779  |
| Harvested cropland ..... farms   | 378               | 736       | 865       | 113      | 800        | 739       | 807       | 218     |
| acres  | 30,152            | 235,525   | 173,208   | 8,614    | 366,484    | 143,491   | 169,995   | 22,375  |
| Irrigated land ..... farms   | 91                | 59        | 37        | 15       | 29         | 61        | 50        | 7       |
| acres  | 1,886             | 5,087     | 4,089     | 105      | 1,651      | 1,682     | 3,245     | (D)     |
| Market value of agricultural products sold (see text) ..... \$1,000                                    | 11,366            | 114,726   | 78,914    | 2,821    | 210,519    | 51,346    | 113,074   | 12,987  |
| Average per farm ..... dollars   | 23,243            | 112,697   | 52,296    | 17,853   | 177,056    | 50,438    | 98,668    | 45,570  |
| Crops ..... \$1,000  | 7,553             | 64,445    | 40,884    | 1,366    | 108,721    | 34,561    | 36,223    | 2,628   |
| Livestock, poultry, and their products ..... \$1,000   | 3,813             | 50,280    | 38,030    | 1,454    | 101,798    | 16,786    | 76,851    | 10,360  |
| Farms by value of sales:<br>Less than \$2,500 ..... farms  | 227               | 375       | 824       | 89       | 374        | 480       | 492       | 133     |
| \$2,500 to \$4,999 ..... farms   | 39                | 67        | 129       | 16       | 40         | 107       | 102       | 36      |
| \$5,000 to \$9,999 ..... farms   | 64                | 92        | 114       | 10       | 86         | 82        | 92        | 35      |
| \$10,000 to \$24,999 ..... farms   | 61                | 135       | 144       | 25       | 109        | 109       | 155       | 34      |
| \$25,000 to \$49,999 ..... farms   | 46                | 81        | 109       | 7        | 103        | 75        | 80        | 17      |
| \$50,000 to \$99,999 ..... farms   | 28                | 69        | 65        | 5        | 107        | 48        | 57        | 7       |
| \$100,000 or more ..... farms  | 24                | 199       | 124       | 6        | 370        | 117       | 168       | 23      |
| Government payments ..... farms  | 90                | 574       | 836       | 26       | 775        | 237       | 509       | 84      |
| \$1,000  | 639               | 5,139     | 5,403     | 70       | 7,598      | 2,880     | 4,277     | 616     |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms         | 116               | 323       | 344       | 36       | 550        | 300       | 396       | 54      |
| \$1,000  | 891               | 3,869     | 2,066     | 419      | 6,225      | 4,640     | 2,742     | 164     |
| Total farm production expenses <sup>1</sup> ..... \$1,000  | 15,989            | 97,202    | 73,414    | 2,650    | 178,641    | 50,412    | 91,102    | 11,293  |
| Average per farm ..... dollars   | 33,173            | 95,390    | 48,812    | 16,563   | 150,880    | 49,230    | 79,565    | 39,764  |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                                  | 482               | 1,019     | 1,504     | 160      | 1,184      | 1,024     | 1,145     | 284     |
| \$1,000  | -3,480            | 24,781    | 13,846    | 706      | 45,102     | 11,060    | 29,164    | 2,509   |
| Average per farm ..... dollars   | -7,221            | 24,319    | 9,206     | 4,410    | 38,093     | 10,801    | 25,471    | 8,834   |
| Principal operator by primary occupation:<br>Farming ..... number                                      | 259               | 620       | 736       | 72       | 798        | 497       | 659       | 163     |
| Other ..... number   | 230               | 398       | 773       | 86       | 391        | 521       | 487       | 122     |
| Principal operator by days worked off farm:<br>Any ..... number  | 278               | 571       | 893       | 118      | 612        | 594       | 632       | 165     |
| 200 days or more ..... number  | 173               | 432       | 702       | 63       | 394        | 432       | 482       | 133     |
| Livestock and poultry:   |                   |           |           |          |            |           |           |         |
| Cattle and calves inventory ..... farms  | 95                | 225       | 380       | 50       | 407        | 258       | 404       | 130     |
| number   | 4,736             | 26,912    | 26,574    | 1,769    | 85,136     | 15,803    | 34,623    | 9,683   |
| Beef cows ..... farms  | 49                | 84        | 205       | 35       | 63         | 167       | 189       | 94      |
| number   | 1,258             | 1,148     | 2,425     | 416      | 1,187      | 2,110     | 2,966     | 1,556   |
| Milk cows ..... farms  | 9                 | 53        | 95        | 11       | 140        | 44        | 76        | 21      |
| number   | 428               | 8,595     | 11,371    | 476      | 17,748     | 4,858     | 11,457    | 1,836   |
| Cattle and calves sold ..... farms   | 73                | 195       | 271       | 34       | 387        | 206       | 313       | 92      |
| number   | 2,535             | 22,846    | 14,992    | 682      | 59,811     | 5,792     | 13,656    | 8,776   |
| Hogs and pigs inventory ..... farms  | 20                | 38        | 73        | 7        | 38         | 31        | 49        | 9       |
| number   | 3,027             | 31,258    | 29,051    | 50       | 37,056     | 8,549     | 25,930    | 662     |
| Hogs and pigs sold ..... farms   | 20                | 38        | 67        | 14       | 46         | 39        | 55        | 12      |
| number   | 3,414             | 129,375   | 58,686    | 96       | 122,413    | 15,578    | 130,389   | 833     |
| Sheep and lambs inventory ..... farms  | 9                 | 34        | 73        | 15       | 21         | 73        | 45        | 30      |
| number   | 126               | 1,039     | 1,436     | 349      | 444        | 2,502     | 1,172     | 1,171   |
| Layers 20 weeks old and older inventory ..... farms  | 27                | 40        | 105       | 16       | 31         | 60        | 60        | 25      |
| number   | 568               | 1,135     | (D)       | 247      | (D)        | 9,775     | (D)       | 735     |
| Broilers and other meat-type chickens sold ..... farms   | 5                 | 7         | 16        | 5        | 9          | 12        | 10        | 4       |
| number   | 240               | 10,155    | 612       | 88       | 958        | 3,026     | 890       | 175     |
| Selected crops harvested:  |                   |           |           |          |            |           |           |         |
| Corn for grain ..... farms   | 67                | 415       | 417       | 3        | 531        | 248       | 404       | 61      |
| acres  | 5,182             | 74,067    | 64,651    | (D)      | 99,987     | 49,189    | 64,908    | 4,030   |
| bushels  | 497,606           | 9,467,214 | 6,444,942 | (D)      | 14,342,812 | 5,181,846 | 8,315,443 | 473,569 |
| Corn for silage or greenchop ..... farms   | 27                | 59        | 92        | 5        | 198        | 65        | 104       | 31      |
| acres  | 1,294             | 6,363     | 6,553     | 105      | 18,140     | 4,325     | 7,331     | 1,641   |
| tons   | 17,101            | 115,504   | 79,983    | 1,171    | 316,434    | 56,591    | 120,338   | 23,926  |
| Wheat for grain, All ..... farms   | 27                | 201       | 200       | -        | 412        | 119       | 213       | 26      |
| acres  | 997               | 13,332    | 11,041    | -        | 32,701     | 14,383    | 12,104    | 937     |
| bushels  | 46,997            | 956,805   | 626,701   | -        | 2,570,875  | 950,556   | 777,232   | 53,434  |
| Winter wheat for grain ..... farms   | 27                | 199       | 200       | -        | 410        | 116       | 211       | 26      |
| acres  | 997               | 13,142    | (D)       | -        | 32,619     | 14,306    | 12,002    | 937     |
| bushels  | 46,997            | 946,465   | (D)       | -        | 2,563,645  | 947,610   | 772,412   | 53,434  |
| Spring wheat for grain ..... farms   | -                 | 3         | 1         | -        | 3          | 4         | 5         | -       |
| acres  | -                 | 190       | (D)       | -        | 82         | 77        | 102       | -       |
| bushels  | -                 | 10,340    | (D)       | -        | 7,230      | 2,946     | 4,820     | -       |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron    | Isabella  | Jackson   | Kalamazoo | Kalkaska | Kent      | Keweenaw | Lake    |
|---|---------|-----------|-----------|-----------|----------|-----------|----------|---------|
| Farms ..... number  | 106     | 953       | 1,265     | 808       | 175      | 1,212     | 11       | 173     |
| Land in farms ..... acres   | 31,382  | 195,432   | 193,011   | 148,206   | 24,104   | 173,381   | 710      | 23,378  |
| Average size of farm ..... acres  | 296     | 205       | 153       | 183       | 138      | 143       | 65       | 135     |
| Median size of farm ..... acres   | 160     | 106       | 75        | 50        | 85       | 66        | 40       | 110     |
| Estimated market value of land and buildings <sup>1</sup> : Average per farm ..... dollars          | 409,911 | 404,161   | 453,511   | 724,272   | 284,699  | 612,465   | 151,254  | 307,384 |
| Average per acre ..... dollars  | 1,494   | 2,004     | 2,902     | 3,535     | 2,175    | 4,023     | 2,218    | 2,213   |
| Estimated market value of all machinery and equipment <sup>1</sup> : Average per farm ..... dollars | 52,001  | 56,505    | 48,062    | 83,756    | 35,095   | 71,537    | 19,123   | 23,567  |
| Farms by size:  |         |           |           |           |          |           |          |         |
| 1 to 9 acres ..... 3  |         | 27        | 66        | 78        | 5        | 112       |          | 11      |
| 10 to 49 acres ..... 24   |         | 269       | 518       | 356       | 62       | 512       | 6        | 43      |
| 50 to 179 acres ..... 43  |         | 371       | 450       | 206       | 70       | 382       | 5        | 80      |
| 180 to 499 acres ..... 25   |         | 200       | 155       | 91        | 31       | 139       | -        | 30      |
| 500 to 999 acres ..... 6  |         | 60        | 41        | 40        | 2        | 36        | -        | 9       |
| 1,000 acres or more ..... 5   |         | 26        | 35        | 37        | 5        | 31        | -        | -       |
| Total cropland ..... farms  | 98      | 885       | 1,087     | 711       | 147      | 1,068     | 11       | 150     |
| acres   | 14,741  | 156,359   | 144,956   | 118,906   | 13,458   | 132,833   | 566      | 13,545  |
| Harvested cropland ..... farms  | 84      | 706       | 876       | 587       | 114      | 853       | 6        | 117     |
| acres   | 7,449   | 134,046   | 122,240   | 106,849   | 8,317    | 111,584   | 86       | 7,384   |
| Irrigated land ..... farms  | 11      | 35        | 74        | 177       | 10       | 144       | -        | 4       |
| acres   | 804     | 3,789     | 4,575     | 29,615    | 2,053    | 8,602     | -        | 7       |
| Market value of agricultural products sold (see text) ..... \$1,000                                 | 3,214   | 50,126    | 43,096    | 154,580   | 5,636    | 149,670   | (D)      | 2,117   |
| Average per farm ..... dollars  | 30,318  | 52,598    | 34,068    | 191,312   | 32,203   | 123,490   | (D)      | 12,235  |
| Crops ..... \$1,000   | 2,719   | 24,280    | 21,195    | 109,007   | 4,915    | 112,943   | (D)      | 987     |
| Livestock, poultry, and their products ..... \$1,000  | 494     | 25,846    | 21,901    | 45,573    | 720      | 36,727    | (D)      | 1,129   |
| Farms by value of sales:  |         |           |           |           |          |           |          |         |
| Less than \$2,500 ..... 49  |         | 352       | 631       | 296       | 99       | 557       | 8        | 112     |
| \$2,500 to \$4,999 ..... 15   |         | 91        | 133       | 94        | 18       | 96        | 2        | 25      |
| \$5,000 to \$9,999 ..... 9  |         | 94        | 107       | 92        | 21       | 117       | -        | 9       |
| \$10,000 to \$24,999 ..... 18   |         | 136       | 171       | 77        | 15       | 131       | 1        | 10      |
| \$25,000 to \$49,999 ..... 5  |         | 93        | 82        | 54        | 11       | 71        | -        | 9       |
| \$50,000 to \$99,999 ..... 3  |         | 78        | 59        | 39        | 2        | 74        | -        | 4       |
| \$100,000 or more ..... 7   |         | 109       | 82        | 156       | 9        | 166       | -        | 4       |
| Government payments ..... farms   | 20      | 450       | 359       | 216       | 22       | 305       | -        | 32      |
| \$1,000   | 15      | 2,188     | 2,994     | 2,015     | 55       | 3,967     | -        | 96      |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms      | 30      | 287       | 331       | 272       | 32       | 327       | 4        | 28      |
| \$1,000   | 255     | 2,565     | 2,256     | 3,504     | 157      | 3,125     | 24       | 148     |
| Total farm production expenses <sup>1</sup> ..... \$1,000   | 2,356   | 44,784    | 46,247    | 136,382   | 5,064    | 119,506   | 103      | 1,585   |
| Average per farm ..... dollars  | 22,017  | 46,796    | 36,501    | 168,790   | 29,787   | 98,766    | 9,390    | 9,214   |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                               | 107     | 957       | 1,267     | 808       | 170      | 1,210     | 11       | 172     |
| \$1,000   | 635     | 10,042    | 5,153     | 24,990    | 465      | 39,474    | (D)      | 228     |
| Average per farm ..... dollars  | 5,934   | 10,493    | 4,067     | 30,929    | 2,736    | 32,624    | (D)      | 1,325   |
| Principal operator by primary occupation:   |         |           |           |           |          |           |          |         |
| Farming ..... number  | 60      | 512       | 612       | 459       | 85       | 617       | 5        | 78      |
| Other ..... number  | 46      | 441       | 653       | 349       | 90       | 595       | 6        | 95      |
| Principal operator by days worked off farm:   |         |           |           |           |          |           |          |         |
| Any ..... number  | 66      | 487       | 764       | 435       | 113      | 753       | 7        | 100     |
| 200 days or more ..... number   | 41      | 361       | 576       | 317       | 89       | 607       | 7        | 83      |
| Livestock and poultry:  |         |           |           |           |          |           |          |         |
| Cattle and calves inventory ..... farms   | 42      | 339       | 309       | 137       | 50       | 323       | 5        | 71      |
| number  | 1,653   | 25,349    | 22,937    | 12,655    | 895      | 27,576    | 76       | 2,257   |
| Beef cows ..... farms   | 36      | 177       | 201       | 83        | 36       | 211       | 5        | 54      |
| number  | 896     | 2,634     | 3,323     | 1,178     | (D)      | 3,047     | (D)      | 691     |
| Milk cows ..... farms   | 4       | 77        | 33        | 23        | 3        | 64        | -        | 7       |
| number  | 63      | 6,871     | 3,641     | 4,214     | (D)      | 11,103    | -        | 348     |
| Cattle and calves sold ..... farms  | 35      | 290       | 245       | 122       | 32       | 261       | -        | 47      |
| number  | 653     | 12,010    | 16,517    | 7,713     | 413      | 12,555    | -        | 729     |
| Hogs and pigs inventory ..... farms   | 4       | 29        | 51        | 41        | 16       | 35        | -        | 11      |
| number  | 23      | 8,654     | 2,901     | 34,737    | (D)      | 3,301     | -        | 114     |
| Hogs and pigs sold ..... farms  | 3       | 36        | 45        | 43        | 16       | 45        | -        | 10      |
| number  | 25      | 21,291    | 5,747     | 95,361    | (D)      | 8,996     | -        | 296     |
| Sheep and lambs inventory ..... farms   | 10      | 26        | 68        | 42        | 4        | 38        | -        | 7       |
| number  | 156     | 1,133     | 7,437     | 5,814     | (D)      | 872       | -        | 1,013   |
| Layers 20 weeks old and older inventory ..... farms   | 14      | 34        | 104       | 47        | 16       | 38        | -        | 10      |
| number  | 480     | 715       | 3,783     | 339,023   | 743      | 2,295     | -        | 220     |
| Broilers and other meat-type chickens sold ..... farms  | 2       | 12        | 17        | 6         | 4        | 7         | -        | 5       |
| number  | (D)     | 177       | 1,053     | (D)       | 330      | 284       | -        | 47      |
| Selected crops harvested:   |         |           |           |           |          |           |          |         |
| Corn for grain ..... farms  | -       | 283       | 348       | 224       | 11       | 250       | -        | 13      |
| acres   | -       | 30,148    | 46,912    | 46,469    | 569      | 35,989    | -        | 424     |
| bushels   | -       | 3,583,438 | 4,470,255 | 5,171,950 | 63,810   | 4,408,487 | -        | 43,104  |
| Corn for silage or greenchop ..... farms  | 1       | 91        | 50        | 22        | 9        | 78        | -        | 6       |
| acres   | (D)     | 4,900     | 3,765     | 3,552     | 102      | 7,514     | -        | 334     |
| tons  | (D)     | 66,160    | 54,385    | 58,083    | 1,329    | 121,700   | -        | 6,219   |
| Wheat for grain, All ..... farms  | 5       | 192       | 143       | 56        | 6        | 86        | -        | -       |
| acres   | 360     | 13,699    | 8,094     | 4,069     | 355      | 4,815     | -        | -       |
| bushels   | 14,400  | 876,192   | 426,649   | 210,957   | (D)      | 289,471   | -        | -       |
| Winter wheat for grain ..... farms  | 2       | 191       | 142       | 56        | 6        | 86        | -        | -       |
| acres   | (D)     | (D)       | (D)       | 4,069     | 355      | 4,815     | -        | -       |
| bushels   | (D)     | (D)       | (D)       | 210,957   | (D)      | 289,471   | -        | -       |
| Spring wheat for grain ..... farms  | 3       | 1         | 1         | -         | -        | -         | -        | -       |
| acres   | (D)     | (D)       | (D)       | -         | -        | -         | -        | -       |
| bushels   | (D)     | (D)       | (D)       | -         | -        | -         | -        | -       |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer    | Leelanau | Lenawee   | Livingston | Luce    | Mackinac | Macomb    | Manistee |
|---|-----------|----------|-----------|------------|---------|----------|-----------|----------|
| Farms ..... number  | 1,187     | 429      | 1,446     | 877        | 30      | 76       | 512       | 315      |
| Land in farms ..... acres   | 189,264   | 62,406   | 353,083   | 96,310     | 10,262  | 20,410   | 67,969    | 46,442   |
| Average size of farm ..... acres  | 159       | 145      | 244       | 110        | 342     | 269      | 133       | 147      |
| Median size of farm ..... acres   | 79        | 90       | 85        | 48         | 228     | 160      | 48        | 110      |
| Estimated market value of land and buildings <sup>1</sup> : Average per farm ..... dollars          | 650,013   | 714,551  | 585,178   | 520,447    | 543,869 | 410,189  | 695,732   | 337,720  |
| Average per acre ..... dollars  | 3,867     | 4,684    | 2,516     | 4,782      | 1,367   | 1,547    | 6,107     | 2,222    |
| Estimated market value of all machinery and equipment <sup>1</sup> : Average per farm ..... dollars | 73,619    | 76,938   | 73,823    | 57,430     | 62,331  | 48,680   | 104,880   | 48,988   |
| Farms by size:  |           |          |           |            |         |          |           |          |
| 1 to 9 acres ..... farms  | 65        | 26       | 88        | 92         | 2       | 6        | 64        | 7        |
| 10 to 49 acres ..... farms  | 501       | 125      | 456       | 436        | 8       | 7        | 234       | 92       |
| 50 to 179 acres ..... farms   | 391       | 179      | 505       | 230        | 6       | 36       | 109       | 130      |
| 180 to 499 acres ..... farms  | 128       | 78       | 199       | 79         | 7       | 17       | 75        | 70       |
| 500 to 999 acres ..... farms  | 67        | 15       | 108       | 27         | 4       | 7        | 22        | 15       |
| 1,000 acres or more ..... farms   | 35        | 6        | 90        | 13         | 3       | 3        | 8         | 1        |
| Total cropland ..... farms  | 1,051     | 396      | 1,307     | 691        | 25      | 66       | 459       | 280      |
| Harvested cropland ..... farms  | 153,231   | 38,487   | 314,198   | 69,399     | 6,317   | 12,065   | 58,519    | 26,896   |
| Acres ..... acres   | 838       | 347      | 896       | 534        | 25      | 57       | 395       | 246      |
| Harvested cropland ..... farms  | 130,962   | 27,272   | 279,999   | 59,729     | 4,029   | 8,164    | 51,755    | 19,091   |
| Irrigated land ..... farms  | 85        | 91       | 66        | 63         | 4       | 2        | 88        | 31       |
| Acres ..... acres   | 1,869     | 1,720    | 3,807     | 1,382      | (D)     | (D)      | 2,917     | 1,710    |
| Market value of agricultural products sold (see text) ..... \$1,000                                 | 50,615    | 15,988   | 103,357   | 25,461     | 2,635   | 2,817    | 43,792    | 8,031    |
| Average per farm ..... dollars  | 42,641    | 37,268   | 71,478    | 29,032     | 87,848  | 37,062   | 85,532    | 25,494   |
| Crops ..... \$1,000   | 33,315    | 12,528   | 64,265    | 16,459     | 2,242   | 489      | 39,931    | 6,897    |
| Livestock, poultry, and their products ..... \$1,000  | 17,300    | 3,460    | 39,092    | 9,002      | 394     | 2,328    | 3,862     | 1,133    |
| Farms by value of sales:  |           |          |           |            |         |          |           |          |
| Less than \$2,500 ..... farms   | 533       | 160      | 649       | 508        | 8       | 26       | 195       | 143      |
| \$2,500 to \$4,999 ..... farms  | 108       | 35       | 118       | 66         | 5       | 13       | 39        | 29       |
| \$5,000 to \$9,999 ..... farms  | 128       | 56       | 105       | 77         | 2       | 12       | 62        | 54       |
| \$10,000 to \$24,999 ..... farms  | 143       | 70       | 162       | 98         | 3       | 12       | 61        | 30       |
| \$25,000 to \$49,999 ..... farms  | 92        | 47       | 111       | 38         | 4       | 4        | 34        | 26       |
| \$50,000 to \$99,999 ..... farms  | 69        | 26       | 105       | 40         | 3       | 4        | 30        | 13       |
| \$100,000 or more ..... farms   | 114       | 35       | 196       | 50         | 5       | 5        | 91        | 20       |
| Government payments ..... farms   | 291       | 65       | 855       | 119        | 6       | 10       | 114       | 46       |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms      | 283       | 123      | 365       | 226        | 9       | 16       | 121       | 68       |
| \$1,000   | 1,614     | 2,024    | 4,622     | 2,132      | 42      | 361      | 1,859     | 410      |
| Total farm production expenses <sup>1</sup> ..... \$1,000   | 49,895    | 18,859   | 98,891    | 31,350     | 1,874   | 2,495    | 34,218    | 7,424    |
| Average per farm ..... dollars  | 42,176    | 44,063   | 68,674    | 35,625     | 62,469  | 34,654   | 66,185    | 23,492   |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                               | 1,183     | 428      | 1,440     | 880        | 30      | 72       | 517       | 316      |
| \$1,000   | 3,911     | -1,186   | 13,669    | 127        | 1,025   | 474      | 11,549    | 2,166    |
| Average per farm ..... dollars  | 3,306     | -2,772   | 9,493     | 145        | 34,154  | 6,580    | 22,339    | 6,854    |
| Principal operator by primary occupation:   |           |          |           |            |         |          |           |          |
| Farming ..... number  | 679       | 251      | 768       | 401        | 18      | 51       | 285       | 163      |
| Other ..... number  | 508       | 178      | 678       | 476        | 12      | 25       | 227       | 152      |
| Principal operator by days worked off farm:   |           |          |           |            |         |          |           |          |
| Any ..... number  | 660       | 257      | 852       | 533        | 15      | 48       | 281       | 178      |
| 200 days or more ..... number   | 503       | 166      | 630       | 418        | 14      | 32       | 204       | 110      |
| Livestock and poultry:  |           |          |           |            |         |          |           |          |
| Cattle and calves inventory ..... farms   | 374       | 52       | 233       | 177        | 11      | 29       | 58        | 86       |
| Number ..... farms  | 18,258    | 3,290    | 23,230    | 8,127      | 1,027   | 2,970    | 3,975     | 2,381    |
| Beef cows ..... farms   | 233       | 28       | 98        | 112        | 9       | 23       | 41        | 68       |
| Number ..... farms  | 2,696     | 382      | 1,499     | 1,098      | 340     | 436      | 372       | 997      |
| Milk cows ..... farms   | 79        | 12       | 38        | 24         | -       | 6        | 13        | 6        |
| Number ..... farms  | 4,397     | 484      | 10,141    | 2,576      | -       | 785      | 654       | 132      |
| Cattle and calves sold ..... farms  | 299       | 45       | 189       | 120        | 12      | 23       | 49        | 70       |
| Number ..... farms  | 7,881     | 2,620    | 14,997    | 2,578      | 703     | 938      | 3,271     | 1,346    |
| Hogs and pigs inventory ..... farms   | 58        | 6        | 42        | 31         | -       | 1        | 9         | 9        |
| Number ..... farms  | 2,757     | 239      | 12,789    | 1,676      | -       | (D)      | 180       | 418      |
| Hogs and pigs sold ..... farms  | 51        | 5        | 56        | 34         | -       | 6        | 11        | 12       |
| Number ..... farms  | 4,528     | (D)      | 31,544    | 3,647      | -       | 68       | 224       | 357      |
| Sheep and lambs inventory ..... farms   | 89        | 12       | 48        | 54         | -       | 4        | 20        | 15       |
| Number ..... farms  | 2,392     | 141      | 1,249     | 1,919      | -       | (D)      | 286       | 525      |
| Layers 20 weeks old and older inventory ..... farms   | 96        | 21       | 70        | 98         | -       | 9        | 35        | 35       |
| Number ..... farms  | 2,855     | 445      | 10,659    | 2,879      | -       | 237      | 1,288     | 1,655    |
| Broilers and other meat-type chickens sold ..... farms  | 34        | 2        | 15        | 14         | -       | 2        | 8         | 8        |
| Number ..... farms  | (D)       | (D)      | 560       | 753        | -       | (D)      | 771       | 1,399    |
| Selected crops harvested:   |           |          |           |            |         |          |           |          |
| Corn for grain ..... farms  | 251       | 42       | 488       | 163        | 2       | 2        | 99        | 42       |
| Acres ..... acres   | 31,798    | 2,891    | 92,204    | 19,772     | (D)     | (D)      | 9,790     | 1,482    |
| Bushels ..... bushels   | 3,641,648 | 233,395  | 9,574,239 | 1,987,023  | (D)     | (D)      | 1,109,660 | 139,381  |
| Corn for silage or greenchop ..... farms  | 71        | 13       | 55        | 26         | -       | 5        | 18        | 14       |
| Acres ..... acres   | 2,963     | 490      | 10,391    | 1,194      | -       | 299      | 2,160     | 196      |
| Tons ..... tons   | 47,120    | 5,533    | 122,137   | 14,724     | -       | 4,657    | 34,209    | 2,086    |
| Wheat for grain, All ..... farms  | 133       | 8        | 354       | 67         | -       | 4        | 48        | 1        |
| Acres ..... acres   | 6,422     | 129      | 28,167    | 4,857      | -       | 30       | 2,539     | (D)      |
| Bushels ..... bushels   | 416,494   | 5,308    | 1,929,439 | 287,627    | -       | 1,050    | 167,721   | (D)      |
| Winter wheat for grain ..... farms  | 132       | 8        | 353       | 67         | -       | 4        | 46        | 1        |
| Acres ..... acres   | (D)       | 129      | (D)       | 4,857      | -       | 30       | (D)       | (D)      |
| Bushels ..... bushels   | (D)       | 5,308    | (D)       | 287,627    | -       | 1,050    | (D)       | (D)      |
| Spring wheat for grain ..... farms  | 1         | -        | 3         | -          | -       | -        | 2         | -        |
| Acres ..... acres   | (D)       | -        | (D)       | -          | -       | -        | (D)       | -        |
| Bushels ..... bushels   | (D)       | -        | (D)       | -          | -       | -        | (D)       | -        |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Marquette | Mason   | Mecosta   | Menominee | Midland   | Missaukee | Monroe    | Montcalm  |
|---|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| Farms ..... number  | 160       | 478     | 794       | 372       | 510       | 412       | 1,183     | 1,139     |
| Land in farms ..... acres   | 30,073    | 79,621  | 119,777   | 98,755    | 84,910    | 97,292    | 217,421   | 255,306   |
| Average size of farm ..... acres  | 188       | 167     | 151       | 265       | 166       | 237       | 184       | 224       |
| Median size of farm ..... acres   | 83        | 94      | 100       | 200       | 80        | 140       | 66        | 95        |
| Estimated market value of land and buildings <sup>1</sup> : Average per farm ..... dollars          | 305,139   | 355,507 | 351,212   | 376,098   | 426,823   | 461,562   | 578,759   | 507,601   |
| Average per acre ..... dollars  | 1,632     | 1,983   | 2,202     | 1,322     | 2,607     | 2,199     | 3,152     | 2,205     |
| Estimated market value of all machinery and equipment <sup>1</sup> : Average per farm ..... dollars | 47,461    | 73,615  | 38,160    | 56,120    | 75,001    | 71,960    | 79,298    | 98,166    |
| Farms by size:  |           |         |           |           |           |           |           |           |
| 1 to 9 acres ..... farms  | 6         | 20      | 4         | 11        | 30        | 18        | 114       | 36        |
| 10 to 49 acres ..... farms  | 57        | 137     | 213       | 53        | 192       | 79        | 492       | 365       |
| 50 to 179 acres ..... farms   | 59        | 199     | 401       | 144       | 176       | 155       | 273       | 454       |
| 180 to 499 acres ..... farms  | 25        | 87      | 133       | 113       | 70        | 109       | 185       | 178       |
| 500 to 999 acres ..... farms  | 7         | 21      | 32        | 34        | 27        | 37        | 76        | 57        |
| 1,000 acres or more ..... farms   | 6         | 14      | 11        | 17        | 15        | 14        | 43        | 49        |
| Total cropland ..... farms  | 122       | 432     | 727       | 339       | 430       | 386       | 1,076     | 1,041     |
| acres   | 10,871    | 57,471  | 83,846    | 56,637    | 66,632    | 70,063    | 199,619   | 198,317   |
| Harvested cropland ..... farms  | 98        | 365     | 555       | 304       | 328       | 337       | 917       | 812       |
| acres   | 8,202     | 45,782  | 58,119    | 45,169    | 58,226    | 58,204    | 189,011   | 167,690   |
| Irrigated land ..... farms  | 9         | 42      | 36        | 9         | 27        | 28        | 108       | 119       |
| acres   | 195       | 2,334   | 5,833     | (D)       | 911       | 3,066     | 6,403     | 46,991    |
| Market value of agricultural products sold (see text) ..... \$1,000                                 | 3,697     | 24,955  | 30,604    | 21,190    | 21,740    | 39,545    | 92,243    | 106,312   |
| Average per farm ..... dollars  | 23,107    | 52,207  | 38,544    | 56,963    | 42,627    | 95,983    | 77,973    | 93,338    |
| Crops ..... \$1,000   | 1,807     | 16,546  | 13,412    | 3,060     | 14,406    | 10,712    | 86,148    | 72,654    |
| Livestock, poultry, and their products ..... \$1,000  | 1,890     | 8,409   | 17,193    | 18,131    | 7,334     | 28,833    | 6,095     | 33,658    |
| Farms by value of sales:  |           |         |           |           |           |           |           |           |
| Less than \$2,500 ..... farms   | 105       | 199     | 373       | 144       | 229       | 160       | 412       | 526       |
| \$2,500 to \$4,999 ..... farms  | 16        | 46      | 79        | 27        | 43        | 34        | 107       | 82        |
| \$5,000 to \$9,999 ..... farms  | 17        | 45      | 77        | 43        | 51        | 36        | 127       | 126       |
| \$10,000 to \$24,999 ..... farms  | 5         | 65      | 108       | 47        | 74        | 46        | 180       | 132       |
| \$25,000 to \$49,999 ..... farms  | 7         | 40      | 65        | 23        | 37        | 26        | 109       | 61        |
| \$50,000 to \$99,999 ..... farms  | 1         | 31      | 48        | 30        | 32        | 33        | 100       | 68        |
| \$100,000 or more ..... farms   | 9         | 52      | 44        | 58        | 44        | 77        | 148       | 144       |
| Government payments ..... farms   | 6         | 136     | 261       | 98        | 192       | 122       | 403       | 439       |
| \$1,000   | 147       | 707     | 1,051     | 1,138     | 1,083     | 1,601     | 4,129     | 2,934     |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms      | 38        | 119     | 168       | 127       | 123       | 147       | 406       | 309       |
| \$1,000   | 686       | 1,268   | 887       | 341       | 684       | 1,271     | 2,390     | 2,820     |
| Total farm production expenses <sup>1</sup> ..... \$1,000   | 4,494     | 27,663  | 26,624    | 16,156    | 19,665    | 34,596    | 85,379    | 86,965    |
| Average per farm ..... dollars  | 28,266    | 58,115  | 33,489    | 43,546    | 38,559    | 83,972    | 72,110    | 76,285    |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                               | 159       | 476     | 795       | 371       | 510       | 412       | 1,184     | 1,140     |
| \$1,000   | -13       | 803     | 5,463     | 5,563     | 5,315     | 7,591     | 12,781    | 25,609    |
| Average per farm ..... dollars  | -82       | 1,686   | 6,871     | 14,994    | 10,421    | 18,424    | 10,795    | 22,464    |
| Principal operator by primary occupation:   |           |         |           |           |           |           |           |           |
| Farming ..... number  | 84        | 248     | 428       | 203       | 291       | 252       | 661       | 610       |
| Other ..... number  | 76        | 230     | 366       | 169       | 219       | 160       | 522       | 529       |
| Principal operator by days worked off farm:   |           |         |           |           |           |           |           |           |
| Any ..... number  | 96        | 282     | 435       | 205       | 313       | 220       | 700       | 630       |
| 200 days or more ..... number   | 76        | 224     | 315       | 153       | 235       | 187       | 524       | 473       |
| Livestock and poultry:  |           |         |           |           |           |           |           |           |
| Cattle and calves inventory ..... farms   | 48        | 138     | 346       | 171       | 122       | 179       | 154       | 366       |
| number  | 2,692     | 7,930   | 15,383    | 18,077    | 5,634     | 23,121    | 4,777     | 25,157    |
| Beef cows ..... farms   | 31        | 87      | 185       | 91        | 90        | 87        | 67        | 194       |
| number  | 472       | 1,130   | 2,648     | 1,898     | 1,199     | 1,325     | 732       | 2,361     |
| Milk cows ..... farms   | 9         | 29      | 111       | 72        | 13        | 74        | 10        | 113       |
| number  | 718       | 2,332   | 4,360     | 7,108     | 1,976     | 9,689     | 529       | 10,185    |
| Cattle and calves sold ..... farms  | 35        | 100     | 276       | 149       | 96        | 149       | 108       | 297       |
| number  | 643       | 3,035   | 6,128     | 5,281     | 2,891     | 8,059     | 4,248     | 12,708    |
| Hogs and pigs inventory ..... farms   | 7         | 16      | 69        | 23        | 23        | 18        | 40        | 42        |
| number  | 137       | (D)     | 18,150    | 540       | 4,198     | 3,261     | 2,834     | 8,383     |
| Hogs and pigs sold ..... farms  | 9         | 13      | 76        | 21        | 25        | 14        | 45        | 48        |
| number  | 62        | (D)     | (D)       | 569       | 10,659    | (D)       | 7,143     | 19,309    |
| Sheep and lambs inventory ..... farms   | 7         | 24      | 25        | 21        | 12        | 19        | 57        | 29        |
| number  | 88        | 1,085   | 1,910     | 153       | 243       | 409       | 1,227     | 384       |
| Layers 20 weeks old and older inventory ..... farms   | 20        | 30      | 83        | 23        | 30        | 30        | 61        | 66        |
| number  | 577       | 770     | 3,296     | 810       | 911       | 453       | 2,600     | 1,233     |
| Broilers and other meat-type chickens sold ..... farms  | 1         | 3       | 14        | 4         | 1         | 3         | 18        | 17        |
| number  | (D)       | 234     | 18,643    | 200       | (D)       | 70        | 1,140     | 817       |
| Selected crops harvested:   |           |         |           |           |           |           |           |           |
| Corn for grain ..... farms  | 6         | 92      | 188       | 49        | 148       | 62        | 441       | 337       |
| acres   | 116       | 8,537   | 13,696    | 4,036     | 18,611    | 6,378     | 60,444    | 51,949    |
| bushels   | (D)       | 898,403 | 1,412,849 | 451,254   | 2,384,180 | 775,224   | 6,753,053 | 5,918,162 |
| Corn for silage or greenchop ..... farms  | 3         | 33      | 107       | 83        | 12        | 78        | 19        | 107       |
| acres   | 285       | 2,141   | 3,362     | 6,232     | 959       | 7,499     | 675       | 6,981     |
| tons  | 2,649     | 31,311  | 39,535    | 85,408    | 17,392    | 107,131   | 8,491     | 109,335   |
| Wheat for grain, All ..... farms  | -         | 54      | 45        | 3         | 67        | 20        | 284       | 147       |
| acres   | -         | 3,727   | 1,179     | (D)       | 3,948     | 495       | 18,435    | 16,388    |
| bushels   | -         | 200,682 | 57,012    | (D)       | 266,976   | 25,034    | 1,272,746 | 994,964   |
| Winter wheat for grain ..... farms  | -         | 54      | 45        | 3         | 64        | 20        | 278       | 144       |
| acres   | -         | (D)     | 1,176     | (D)       | 263,926   | 25,034    | 1,253,962 | 16,219    |
| bushels   | -         | (D)     | 56,973    | (D)       |           |           |           | 990,661   |
| Spring wheat for grain ..... farms  | -         | 1       | 3         | -         | 3         | -         | 6         | 5         |
| acres   | -         | (D)     | 3         | -         | 61        | -         | 279       | 169       |
| bushels   | -         | (D)     | 39        | -         | 3,050     | -         | 18,784    | 4,303     |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency | Muskegon  | Newaygo   | Oakland | Oceana    | Ogemaw  | Ontonagon | Osceola |
|---|-------------|-----------|-----------|---------|-----------|---------|-----------|---------|
| Farms ..... number  | 139         | 545       | 902       | 643     | 648       | 256     | 108       | 591     |
| Land in farms ..... acres   | 21,077      | 73,918    | 135,422   | 40,930  | 127,404   | 67,836  | 33,666    | 115,922 |
| Average size of farm ..... acres  | 152         | 136       | 150       | 64      | 197       | 265     | 312       | 196     |
| Median size of farm ..... acres   | 103         | 60        | 92        | 27      | 105       | 154     | 285       | 133     |
| Estimated market value of land and buildings <sup>1</sup> : Average per farm ..... dollars          | 293,201     | 356,820   | 370,501   | 369,447 | 532,675   | 585,978 | 354,577   | 417,586 |
| Average per acre ..... dollars  | 1,937       | 3,008     | 2,689     | 7,428   | 2,701     | 2,159   | 1,138     | 2,050   |
| Estimated market value of all machinery and equipment <sup>1</sup> : Average per farm ..... dollars | 51,627      | 63,674    | 57,251    | 47,468  | 93,785    | 93,600  | 47,202    | 46,075  |
| Farms by size:  |             |           |           |         |           |         |           |         |
| 1 to 9 acres ..... 3  |             | 57        | 28        | 107     | 18        | 3       |           | 13      |
| 10 to 49 acres ..... 29   |             | 244       | 312       | 352     | 196       | 58      | 10        | 139     |
| 50 to 179 acres ..... 72  |             | 169       | 357       | 130     | 249       | 100     | 38        | 252     |
| 180 to 499 acres ..... 29   |             | 47        | 148       | 42      | 127       | 57      | 40        | 138     |
| 500 to 999 acres ..... 5  |             | 19        | 40        | 9       | 36        | 24      | 16        | 32      |
| 1,000 acres or more ..... 1   |             | 9         | 17        | 3       | 22        | 14      | 4         | 17      |
| Total cropland ..... farms  | 122         | 456       | 813       | 444     | 602       | 246     | 102       | 542     |
| acres   | 13,417      | 49,139    | 93,491    | 25,119  | 89,062    | 46,930  | 19,537    | 75,040  |
| Harvested cropland ..... farms  | 100         | 347       | 689       | 307     | 540       | 205     | 93        | 437     |
| acres   | 9,919       | 42,148    | 72,732    | 17,094  | 71,506    | 36,359  | 12,773    | 52,057  |
| Irrigated land ..... farms  | 6           | 64        | 65        | 71      | 43        | 16      | 5         | 14      |
| acres   | 31          | 7,008     | 6,616     | 695     | 4,195     | 165     | (D)       | 1,764   |
| Market value of agricultural products sold (see text) ..... \$1,000                                 | 3,334       | 46,301    | 60,868    | 45,459  | 58,382    | 22,740  | 2,413     | 19,185  |
| Average per farm ..... dollars  | 23,987      | 84,955    | 67,481    | 70,699  | 90,096    | 88,830  | 22,343    | 32,461  |
| Crops ..... \$1,000   | 1,153       | 29,525    | 20,763    | 41,509  | 39,765    | 4,131   | 490       | 4,596   |
| Livestock, poultry, and their products ..... \$1,000  | 2,181       | 16,776    | 40,105    | 3,951   | 18,618    | 18,609  | 1,923     | 14,589  |
| Farms by value of sales:  |             |           |           |         |           |         |           |         |
| Less than \$2,500 ..... 61  |             | 294       | 446       | 393     | 226       | 86      | 58        | 295     |
| \$2,500 to \$4,999 ..... 22   |             | 36        | 87        | 53      | 54        | 26      | 6         | 53      |
| \$5,000 to \$9,999 ..... 18   |             | 35        | 90        | 55      | 70        | 30      | 11        | 75      |
| \$10,000 to \$24,999 ..... 14   |             | 62        | 77        | 57      | 98        | 38      | 12        | 59      |
| \$25,000 to \$49,999 ..... 8  |             | 33        | 59        | 33      | 48        | 23      | 10        | 33      |
| \$50,000 to \$99,999 ..... 7  |             | 18        | 42        | 19      | 55        | 9       | 6         | 30      |
| \$100,000 or more ..... 9   |             | 67        | 101       | 33      | 97        | 44      | 5         | 46      |
| Government payments ..... farms   | 23          | 101       | 249       | 41      | 158       | 95      | 19        | 193     |
| \$1,000   | 133         | 1,134     | 2,178     | 177     | 1,234     | 1,003   | 109       | 1,247   |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms      | 26          | 134       | 264       | 143     | 218       | 77      | 34        | 107     |
| \$1,000   | 257         | 938       | 1,984     | 3,518   | 2,412     | 450     | 33        | 433     |
| Total farm production expenses <sup>1</sup> ..... \$1,000   | 2,483       | 41,988    | 52,615    | 29,941  | 52,149    | 20,274  | 2,190     | 14,668  |
| Average per farm ..... dollars  | 17,737      | 77,755    | 58,854    | 46,637  | 80,476    | 79,196  | 20,468    | 24,819  |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                               | 140         | 540       | 894       | 642     | 648       | 256     | 107       | 591     |
| \$1,000   | 1,272       | 7,040     | 13,203    | 21,832  | 9,496     | 4,126   | 323       | 6,113   |
| Average per farm ..... dollars  | 9,088       | 13,037    | 14,769    | 34,006  | 14,654    | 16,117  | 3,014     | 10,343  |
| Principal operator by primary occupation:   |             |           |           |         |           |         |           |         |
| Farming ..... number  | 71          | 289       | 476       | 322     | 322       | 152     | 64        | 326     |
| Other ..... number  | 68          | 256       | 426       | 321     | 326       | 104     | 44        | 265     |
| Principal operator by days worked off farm:   |             |           |           |         |           |         |           |         |
| Any ..... number  | 75          | 310       | 535       | 323     | 380       | 118     | 50        | 289     |
| 200 days or more ..... number   | 56          | 227       | 420       | 206     | 274       | 72      | 40        | 232     |
| Livestock and poultry:  |             |           |           |         |           |         |           |         |
| Cattle and calves inventory ..... farms   | 73          | 154       | 366       | 68      | 163       | 136     | 43        | 287     |
| number  | 2,702       | 11,519    | 26,336    | 1,034   | 9,413     | 14,756  | 3,077     | 18,072  |
| Beef cows ..... farms   | 54          | 87        | 198       | 46      | 95        | 80      | 27        | 204     |
| number  | 615         | 829       | 2,134     | 364     | 1,005     | 1,645   | 781       | 4,204   |
| Milk cows ..... farms   | 12          | 32        | 88        | 7       | 30        | 37      | 12        | 68      |
| number  | 654         | 5,417     | 11,788    | 144     | 2,865     | 4,936   | 590       | 4,956   |
| Cattle and calves sold ..... farms  | 53          | 101       | 252       | 58      | 127       | 113     | 36        | 217     |
| number  | 888         | 5,872     | 10,556    | 365     | 3,614     | 10,587  | 1,469     | 6,167   |
| Hogs and pigs inventory ..... farms   | 14          | 21        | 47        | 7       | 30        | 12      | 2         | 27      |
| number  | 380         | 3,616     | 4,820     | 238     | (D)       | 205     | (D)       | 504     |
| Hogs and pigs sold ..... farms  | 15          | 22        | 48        | 8       | 37        | 9       | 2         | 29      |
| number  | 704         | 9,034     | (D)       | 654     | (D)       | 618     | (D)       | 1,030   |
| Sheep and lambs inventory ..... farms   | 3           | 22        | 22        | 60      | 16        | 12      | 2         | 37      |
| number  | 40          | 292       | 1,266     | 962     | 294       | 664     | (D)       | 1,705   |
| Layers 20 weeks old and older inventory ..... farms   | 12          | 45        | 71        | 56      | 43        | 16      | 3         | 46      |
| number  | 219         | 1,028     | 1,940     | 2,095   | 1,472     | 220     | 56        | 1,234   |
| Broilers and other meat-type chickens sold ..... farms  | 3           | 7         | 15        | 8       | 11        | 5       | -         | 8       |
| number  | 340         | 1,305     | 728       | 1,895   | 1,457     | 141     | -         | 126     |
| Selected crops harvested:   |             |           |           |         |           |         |           |         |
| Corn for grain ..... farms  | 17          | 109       | 243       | 35      | 129       | 60      | 3         | 58      |
| acres   | 1,450       | 11,103    | 19,202    | 3,288   | 10,322    | 7,756   | 66        | 3,801   |
| bushels   | 158,281     | 1,170,732 | 2,090,498 | 290,548 | 1,043,174 | 951,518 | 4,400     | 463,516 |
| Corn for silage or greenchop ..... farms  | 6           | 43        | 114       | 2       | 53        | 45      | 5         | 57      |
| acres   | 259         | 4,633     | 8,765     | (D)     | 3,684     | 2,562   | 89        | 3,575   |
| tons  | 3,785       | 66,731    | 128,872   | (D)     | 36,965    | 35,772  | 644       | 50,239  |
| Wheat for grain, All ..... farms  | 11          | 32        | 50        | 14      | 39        | 16      | 3         | 17      |
| acres   | 614         | 1,248     | 1,429     | 1,113   | 1,556     | 1,180   | 25        | 477     |
| bushels   | 32,077      | 67,599    | 71,545    | 63,306  | 87,979    | 81,205  | 950       | 24,160  |
| Winter wheat for grain ..... farms  | 11          | 32        | 50        | 14      | 39        | 16      | 3         | 16      |
| acres   | 614         | 1,248     | (D)       | 1,113   | 1,556     | (D)     | 25        | (D)     |
| bushels   | 32,077      | 67,599    | (D)       | 63,306  | 87,979    | (D)     | 950       | (D)     |
| Spring wheat for grain ..... farms  | -           | -         | 1         | -       | -         | 1       | -         | 1       |
| acres   | -           | -         | (D)       | -       | -         | (D)     | -         | (D)     |
| bushels   | -           | -         | (D)       | -       | -         | (D)     | -         | (D)     |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda  | Otsego  | Ottawa    | Presque Isle | Roscommon | Saginaw    | St. Clair | St. Joseph |
|---|---------|---------|-----------|--------------|-----------|------------|-----------|------------|
| Farms ..... number  | 123     | 170     | 1,291     | 303          | 46        | 1,359      | 1,260     | 907        |
| Land in farms ..... acres   | 16,989  | 34,585  | 165,484   | 68,059       | 7,394     | 324,615    | 182,116   | 230,624    |
| Average size of farm ..... acres  | 138     | 203     | 128       | 225          | 161       | 239        | 145       | 254        |
| Median size of farm ..... acres   | 120     | 120     | 55        | 160          | 100       | 91         | 70        | 100        |
| Estimated market value of land and buildings <sup>1</sup> : Average per farm ..... dollars          | 294,110 | 491,835 | 574,104   | 465,527      | 337,978   | 469,112    | 565,329   | 579,889    |
| Average per acre ..... dollars  | 2,220   | 2,419   | 4,352     | 1,997        | 3,186     | 2,068      | 3,970     | 2,314      |
| Estimated market value of all machinery and equipment <sup>1</sup> : Average per farm ..... dollars | 39,069  | 67,976  | 85,231    | 60,488       | 23,106    | 82,227     | 63,838    | 122,928    |
| Farms by size:  |         |         |           |              |           |            |           |            |
| 1 to 9 acres ..... farms  | 11      | 10      | 166       | 6            | 3         | 79         | 83        | 76         |
| 10 to 49 acres ..... farms  | 30      | 46      | 535       | 54           | 15        | 448        | 531       | 289        |
| 50 to 179 acres ..... farms   | 52      | 50      | 386       | 129          | 16        | 444        | 412       | 298        |
| 180 to 499 acres ..... farms  | 26      | 42      | 140       | 86           | 8         | 223        | 168       | 129        |
| 500 to 999 acres ..... farms  | 3       | 19      | 38        | 17           | 4         | 85         | 35        | 57         |
| 1,000 acres or more ..... farms   | 1       | 3       | 26        | 11           | -         | 80         | 31        | 58         |
| Total cropland ..... farms  | 108     | 146     | 1,178     | 281          | 41        | 1,268      | 1,129     | 814        |
| acres   | 9,575   | 19,929  | 137,705   | 41,589       | 2,721     | 286,989    | 153,649   | 195,927    |
| Harvested cropland ..... farms  | 94      | 116     | 1,030     | 237          | 29        | 1,052      | 935       | 653        |
| acres   | 5,925   | 12,768  | 120,164   | 29,611       | 1,661     | 269,242    | 133,720   | 182,020    |
| Irrigated land ..... farms  | 3       | 16      | 319       | 19           | 5         | 52         | 90        | 226        |
| acres   | 8       | 456     | 13,540    | 1,579        | 5         | 3,205      | 1,050     | 103,980    |
| Market value of agricultural products sold (see text) ..... \$1,000                                 | 3,441   | 4,736   | 277,503   | 11,304       | (D)       | 91,232     | 40,206    | 93,660     |
| Average per farm ..... dollars  | 27,973  | 27,856  | 214,952   | 37,308       | (D)       | 67,131     | 31,909    | 103,264    |
| Crops ..... \$1,000   | 336     | 3,437   | 164,805   | 7,366        | 450       | 80,473     | 31,380    | 76,068     |
| Livestock, poultry, and their products ..... \$1,000  | 3,105   | 1,298   | 112,698   | 3,938        | (D)       | 10,758     | 8,825     | 17,592     |
| Farms by value of sales:  |         |         |           |              |           |            |           |            |
| Less than \$2,500 ..... farms   | 53      | 68      | 413       | 135          | 26        | 441        | 643       | 346        |
| \$2,500 to \$4,999 ..... farms  | 8       | 17      | 95        | 27           | 7         | 118        | 98        | 84         |
| \$5,000 to \$9,999 ..... farms  | 8       | 33      | 143       | 36           | 1         | 136        | 116       | 90         |
| \$10,000 to \$24,999 ..... farms  | 13      | 22      | 167       | 50           | 8         | 221        | 154       | 102        |
| \$25,000 to \$49,999 ..... farms  | 15      | 10      | 103       | 22           | 1         | 129        | 91        | 68         |
| \$50,000 to \$99,999 ..... farms  | 18      | 10      | 82        | 10           | 2         | 116        | 67        | 57         |
| \$100,000 or more ..... farms   | 8       | 10      | 288       | 23           | 1         | 198        | 91        | 160        |
| Government payments ..... farms   | 9       | 34      | 301       | 78           | 6         | 684        | 294       | 396        |
| \$1,000   | 50      | 146     | 3,435     | 388          | 6         | 4,927      | 1,612     | 3,970      |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms      | 27      | 33      | 451       | 68           | 7         | 405        | 209       | 304        |
| \$1,000   | 180     | 138     | 3,833     | 240          | 7         | 3,996      | 809       | 6,632      |
| Total farm production expenses <sup>1</sup> ..... \$1,000   | 3,065   | 3,348   | 223,281   | 11,521       | 412       | 72,428     | 44,031    | 81,771     |
| Average per farm ..... dollars  | 24,522  | 19,581  | 172,818   | 38,276       | 8,770     | 53,256     | 34,918    | 90,057     |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                               | 125     | 171     | 1,292     | 301          | 47        | 1,360      | 1,261     | 908        |
| \$1,000   | 721     | 1,653   | 56,218    | 3,443        | 444       | 26,189     | -1,116    | 21,379     |
| Average per farm ..... dollars  | 5,771   | 9,664   | 43,512    | 11,437       | 9,449     | 19,256     | -885      | 23,545     |
| Principal operator by primary occupation:   |         |         |           |              |           |            |           |            |
| Farming ..... number  | 84      | 99      | 733       | 162          | 17        | 801        | 686       | 534        |
| Other ..... number  | 39      | 71      | 558       | 141          | 29        | 558        | 574       | 373        |
| Principal operator by days worked off farm:   |         |         |           |              |           |            |           |            |
| Any ..... number  | 75      | 105     | 722       | 180          | 22        | 721        | 770       | 523        |
| 200 days or more ..... number   | 48      | 81      | 533       | 140          | 18        | 511        | 572       | 415        |
| Livestock and poultry:  |         |         |           |              |           |            |           |            |
| Cattle and calves inventory ..... farms   | 66      | 42      | 385       | 123          | 11        | 204        | 328       | 238        |
| number  | 3,635   | 2,341   | 40,575    | 6,681        | 318       | 9,484      | 10,189    | 7,603      |
| Beef cows ..... farms   | 25      | 30      | 176       | 93           | 11        | 82         | 231       | 99         |
| number  | 641     | 667     | 2,239     | 1,532        | 215       | 756        | 2,610     | 1,401      |
| Milk cows ..... farms   | 26      | 4       | 85        | 12           | -         | 34         | 41        | 49         |
| number  | 1,106   | 228     | 12,780    | 1,491        | -         | 2,588      | 1,609     | 1,040      |
| Cattle and calves sold ..... farms  | 51      | 41      | 326       | 102          | 9         | 155        | 220       | 172        |
| number  | 1,746   | 1,240   | 29,988    | 2,139        | 205       | 4,936      | 4,720     | 4,635      |
| Hogs and pigs inventory ..... farms   | 3       | 4       | 72        | 11           | -         | 40         | 53        | 61         |
| number  | (D)     | (D)     | 96,301    | 115          | -         | 7,761      | 2,289     | 33,898     |
| Hogs and pigs sold ..... farms  | 3       | 6       | 78        | 9            | -         | 45         | 53        | 65         |
| number  | (D)     | 207     | 253,638   | 117          | -         | 19,130     | 3,994     | 135,676    |
| Sheep and lambs inventory ..... farms   | 9       | 7       | 39        | 9            | 1         | 25         | 53        | 52         |
| number  | 404     | 264     | 923       | 137          | (D)       | 460        | 779       | 3,461      |
| Layers 20 weeks old and older inventory ..... farms   | 22      | 10      | 65        | 35           | 5         | 62         | 123       | 64         |
| number  | 1,165   | 296     | 1,949,851 | 1,007        | 174       | 1,308      | 3,226     | 36,455     |
| Broilers and other meat-type chickens sold ..... farms  | 7       | -       | 20        | 5            | -         | 9          | 18        | 12         |
| number  | 1,512   | -       | (D)       | 236          | -         | 1,589      | 805       | (D)        |
| Selected crops harvested:   |         |         |           |              |           |            |           |            |
| Corn for grain ..... farms  | 7       | 26      | 306       | 47           | 1         | 608        | 239       | 367        |
| acres   | 241     | 895     | 41,254    | 3,920        | (D)       | 88,674     | 27,998    | 90,549     |
| bushels   | 22,608  | 95,278  | 5,047,190 | 422,638      | (D)       | 11,631,157 | 2,997,114 | 11,423,682 |
| Corn for silage or greenchop ..... farms  | 20      | 17      | 127       | 16           | 1         | 49         | 40        | 34         |
| acres   | 370     | 457     | 9,328     | 848          | (D)       | 2,014      | 1,526     | 532        |
| tons  | 3,170   | 4,937   | 138,376   | 13,777       | (D)       | 35,985     | 17,111    | 6,916      |
| Wheat for grain, All ..... farms  | -       | 8       | 112       | 32           | -         | 368        | 136       | 61         |
| acres   | -       | 340     | 3,644     | 2,283        | -         | 24,125     | 6,005     | 2,238      |
| bushels   | -       | 18,826  | 196,437   | 122,436      | -         | 1,728,105  | 344,874   | 109,571    |
| Winter wheat for grain ..... farms  | -       | 8       | 112       | 31           | -         | 367        | 129       | 61         |
| acres   | -       | 340     | 3,644     | 2,248        | -         | (D)        | 5,712     | 2,238      |
| bushels   | -       | 18,826  | 196,437   | (D)          | -         | (D)        | 331,121   | 109,571    |
| Spring wheat for grain ..... farms  | -       | -       | -         | 3            | -         | 1          | 9         | -          |
| acres   | -       | -       | -         | 35           | -         | (D)        | 293       | -          |
| bushels   | -       | -       | -         | (D)          | -         | (D)        | 13,753    | -          |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac    | Schoolcraft | Shiawassee | Tuscola    | Van Buren | Washtenaw | Wayne   | Wexford |
|---|------------|-------------|------------|------------|-----------|-----------|---------|---------|
| Farms ..... number  | 1,595      | 51          | 1,037      | 1,292      | 1,160     | 1,325     | 319     | 395     |
| Land in farms ..... acres   | 434,738    | 13,541      | 234,788    | 335,542    | 176,260   | 175,259   | 21,485  | 45,852  |
| Average size of farm ..... acres  | 273        | 266         | 226        | 260        | 152       | 132       | 67      | 116     |
| Median size of farm ..... acres   | 131        | 160         | 97         | 87         | 70        | 66        | 20      | 80      |
| Estimated market value of land and buildings <sup>1</sup> : Average per farm ..... dollars          | 609,400    | 483,445     | 470,760    | 633,362    | 399,485   | 622,942   | 443,608 | 284,587 |
| Average per acre ..... dollars  | 2,097      | 1,638       | 2,163      | 2,297      | 2,806     | 4,739     | 6,829   | 2,779   |
| Estimated market value of all machinery and equipment <sup>1</sup> : Average per farm ..... dollars | 128,298    | 39,408      | 77,924     | 107,161    | 73,513    | 56,441    | 53,727  | 26,412  |
| Farms by size:  |            |             |            |            |           |           |         |         |
| 1 to 9 acres ..... farms  | 48         | 4           | 53         | 56         | 61        | 110       | 58      | 13      |
| 10 to 49 acres ..... farms  | 427        | 13          | 343        | 408        | 465       | 571       | 178     | 147     |
| 50 to 179 acres ..... farms   | 557        | 11          | 349        | 460        | 443       | 414       | 59      | 168     |
| 180 to 499 acres ..... farms  | 318        | 15          | 166        | 193        | 138       | 144       | 16      | 55      |
| 500 to 999 acres ..... farms  | 147        | 4           | 79         | 89         | 29        | 57        | 4       | 9       |
| 1,000 acres or more ..... farms   | 98         | 4           | 47         | 86         | 24        | 29        | 4       | 3       |
| Total cropland ..... farms  | 1,488      | 43          | 947        | 1,195      | 1,058     | 1,127     | 245     | 342     |
| Harvested cropland ..... farms  | 382,064    | 7,875       | 201,065    | 297,142    | 132,771   | 140,196   | 17,893  | 29,021  |
| Acres ..... acres   | 1,145      | 41          | 805        | 911        | 865       | 915       | 187     | 258     |
| Harvested cropland ..... farms  | 340,659    | 5,192       | 185,271    | 270,006    | 107,184   | 122,754   | 14,269  | 18,399  |
| Irrigated land ..... farms  | 43         | 5           | 32         | 63         | 218       | 108       | 58      | 26      |
| Acres ..... acres   | 1,188      | 7           | 2,160      | 5,785      | 23,876    | 2,024     | 1,069   | 433     |
| Market value of agricultural products sold (see text) ..... \$1,000                                 | 136,893    | 1,520       | 44,494     | 93,797     | 96,724    | 54,618    | 27,559  | 9,520   |
| Average per farm ..... dollars  | 85,826     | 29,809      | 42,906     | 72,599     | 83,382    | 41,221    | 86,390  | 24,101  |
| Crops ..... \$1,000   | 76,898     | 835         | 32,277     | 72,801     | 84,835    | 37,458    | 26,955  | 6,369   |
| Livestock, poultry, and their products ..... \$1,000  | 59,995     | 685         | 12,217     | 20,997     | 11,889    | 17,160    | 603     | 3,151   |
| Farms by value of sales:  |            |             |            |            |           |           |         |         |
| Less than \$2,500 ..... farms   | 591        | 19          | 372        | 509        | 463       | 634       | 151     | 220     |
| \$2,500 to \$4,999 ..... farms  | 98         | 4           | 113        | 94         | 100       | 113       | 25      | 33      |
| \$5,000 to \$9,999 ..... farms  | 99         | 7           | 113        | 117        | 111       | 114       | 28      | 37      |
| \$10,000 to \$24,999 ..... farms  | 176        | 11          | 144        | 143        | 140       | 197       | 43      | 50      |
| \$25,000 to \$49,999 ..... farms  | 148        | 5           | 107        | 111        | 112       | 87        | 16      | 23      |
| \$50,000 to \$99,999 ..... farms  | 153        | -           | 73         | 94         | 95        | 57        | 18      | 14      |
| \$100,000 or more ..... farms   | 330        | 5           | 115        | 224        | 139       | 123       | 38      | 18      |
| Government payments ..... farms   | 862        | 9           | 445        | 641        | 280       | 304       | 33      | 64      |
| Total income from farm-related sources, gross before taxes and expenses (see text) ..... farms      | 534        | 14          | 322        | 409        | 336       | 344       | 51      | 75      |
| \$1,000   | 2,956      | 44          | 1,693      | 4,082      | 2,323     | 3,704     | 702     | 897     |
| Total farm production expenses <sup>1</sup> ..... \$1,000   | 112,104    | 1,278       | 42,872     | 90,563     | 82,685    | 54,120    | 24,314  | 7,937   |
| Average per farm ..... dollars  | 70,373     | 24,575      | 41,262     | 70,204     | 70,671    | 40,814    | 75,744  | 20,144  |
| Net cash farm income of operation (see text) <sup>1</sup> ..... farms                               | 1,593      | 52          | 1,039      | 1,290      | 1,170     | 1,326     | 321     | 394     |
| \$1,000   | 39,565     | 683         | 6,723      | 10,814     | 26,545    | 5,428     | 3,330   | 2,403   |
| Average per farm ..... dollars  | 24,837     | 13,142      | 6,470      | 8,383      | 22,688    | 4,093     | 10,374  | 6,099   |
| Principal operator by primary occupation:   |            |             |            |            |           |           |         |         |
| Farming ..... number  | 1,063      | 31          | 570        | 764        | 623       | 655       | 140     | 177     |
| Other ..... number  | 532        | 20          | 467        | 528        | 537       | 670       | 179     | 218     |
| Principal operator by days worked off farm:   |            |             |            |            |           |           |         |         |
| Any ..... number  | 823        | 28          | 591        | 672        | 689       | 743       | 163     | 249     |
| 200 days or more ..... number   | 553        | 19          | 430        | 493        | 476       | 575       | 134     | 195     |
| Livestock and poultry:  |            |             |            |            |           |           |         |         |
| Cattle and calves inventory ..... farms   | 588        | 22          | 240        | 329        | 207       | 243       | 24      | 83      |
| Number ..... farms  | 56,732     | 1,408       | 11,926     | 18,137     | 7,805     | 14,246    | 410     | 3,558   |
| Beef cows ..... farms   | 224        | 17          | 112        | 180        | 139       | 113       | 19      | 42      |
| Number ..... farms  | 3,367      | (D)         | 1,448      | 3,038      | 1,743     | 1,519     | (D)     | 486     |
| Milk cows ..... farms   | 235        | 4           | 45         | 59         | 34        | 52        | 2       | 22      |
| Number ..... farms  | 20,094     | (D)         | 3,816      | 4,437      | 2,091     | 3,128     | (D)     | 819     |
| Cattle and calves sold ..... farms  | 510        | 18          | 183        | 260        | 148       | 200       | 19      | 70      |
| Number ..... farms  | 27,425     | 534         | 4,452      | 8,025      | 2,648     | 9,041     | 90      | 1,505   |
| Hogs and pigs inventory ..... farms   | 46         | -           | 49         | 51         | 36        | 39        | 10      | 19      |
| Number ..... farms  | 5,372      | -           | 2,674      | 13,618     | 24,985    | 3,841     | 356     | 379     |
| Hogs and pigs sold ..... farms  | 46         | -           | 64         | 55         | 41        | 51        | 10      | 14      |
| Number ..... farms  | 11,711     | -           | 6,310      | 35,706     | 67,997    | 7,482     | 343     | 391     |
| Sheep and lambs inventory ..... farms   | 36         | -           | 58         | 23         | 45        | 128       | 8       | 8       |
| Number ..... farms  | 956        | -           | 2,113      | 527        | 1,933     | 12,751    | 62      | 182     |
| Layers 20 weeks old and older inventory ..... farms   | 93         | 3           | 78         | 67         | 66        | 117       | 21      | 22      |
| Number ..... farms  | 3,056      | 57          | 3,313      | (D)        | 1,481     | 4,556     | 624     | 640     |
| Broilers and other meat-type chickens sold ..... farms  | 14         | 2           | 17         | 19         | 16        | 18        | 8       | 9       |
| Number ..... farms  | 890        | (D)         | 5,386      | 3,309      | 1,546     | 906       | 286     | 1,166   |
| Selected crops harvested:   |            |             |            |            |           |           |         |         |
| Corn for grain ..... farms  | 537        | 2           | 387        | 505        | 169       | 321       | 34      | 48      |
| Acres ..... acres   | 78,403     | (D)         | 50,049     | 79,706     | 31,870    | 39,021    | 2,350   | 1,316   |
| Bushels ..... bushels   | 10,177,774 | (D)         | 4,957,215  | 10,367,130 | 3,411,791 | 3,977,955 | 250,767 | 137,107 |
| Corn for silage or greenchop ..... farms  | 234        | 1           | 48         | 74         | 27        | 65        | 2       | 21      |
| Acres ..... acres   | 14,714     | (D)         | 3,824      | 3,614      | 1,634     | 3,372     | (D)     | 644     |
| Tons ..... tons   | 233,882    | (D)         | 46,192     | 54,085     | 23,032    | 47,731    | (D)     | 8,117   |
| Wheat for grain, All ..... farms  | 373        | 2           | 290        | 241        | 24        | 205       | 10      | 10      |
| Acres ..... acres   | 34,100     | (D)         | 22,406     | 19,450     | 804       | 10,887    | 357     | 484     |
| Bushels ..... bushels   | 2,368,640  | (D)         | 1,377,520  | 1,434,624  | 37,892    | 637,789   | 21,959  | 24,302  |
| Winter wheat for grain ..... farms  | 370        | 2           | 284        | 237        | 24        | 204       | 10      | 9       |
| Acres ..... acres   | 33,921     | (D)         | 22,304     | 19,330     | (D)       | (D)       | 357     | (D)     |
| Bushels ..... bushels   | 2,357,336  | (D)         | 1,373,958  | 1,430,503  | (D)       | (D)       | 21,959  | (D)     |
| Spring wheat for grain ..... farms  | 3          | -           | 8          | 7          | 2         | 1         | -       | 1       |
| Acres ..... acres   | 179        | -           | 102        | 120        | (D)       | (D)       | -       | (D)     |
| Bushels ..... bushels   | 11,304     | -           | 3,562      | 4,121      | (D)       | (D)       | -       | (D)     |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan                                      | Alcona                        | Alger                      | Allegan                | Alpena                     | Antrim                     | Arenac                     |
|--|---|-------------------------------|----------------------------|------------------------|----------------------------|----------------------------|----------------------------|
| Selected crops harvested - Con.  |   |                               |                            |                        |                            |                            |                            |
| Oats for grain .....   | farms<br>acres<br>bushels<br>3,994,940        | 2,756<br>63,485<br>37,139     | 16<br>549                  | 3<br>(D)<br>(D)        | 51<br>975<br>59,786        | 58<br>1,845<br>110,651     | 17<br>460<br>33,095        |
| Barley for grain .....   | farms<br>acres<br>bushels<br>576,461          | 400<br>11,620<br>(D)          | 2<br>(D)                   | 8<br>290<br>10,208     | 5<br>113<br>4,400          | 13<br>302<br>14,073        | 1<br>(D)<br>(D)            |
| Sorghum for grain .....  | farms<br>acres<br>bushels<br>21,255           | 22<br>559<br>-                | -<br>-                     | -<br>-                 | -<br>-                     | 1<br>(D)<br>(D)            | -<br>-                     |
| Sorghum for silage or greenchop .....  | farms<br>acres<br>tons<br>20,068              | 158<br>2,595<br>-             | -<br>(D)                   | 1<br>(D)               | 2<br>(D)<br>(D)            | 2<br>(D)<br>(D)            | -<br>-                     |
| Soybeans for beans .....   | farms<br>acres<br>bushels<br>78,197,248       | 11,683<br>2,055,424<br>(D)    | 2<br>(D)                   | -<br>-                 | 234<br>42,092<br>1,763,359 | 10<br>1,045<br>38,552      | 1<br>(D)<br>(D)            |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt<br>4,862,193            | 1,587<br>259,026<br>14,006    | 10<br>818                  | -<br>-                 | -<br>-                     | 9<br>1,528<br>27,740       | 43<br>7,414<br>138,002     |
| Potatoes .....   | farms<br>acres<br>cwt<br>14,212,892           | 395<br>45,840<br>-            | -<br>(D)                   | 2<br>1,547<br>467,612  | 8<br>2<br>312              | 6<br>(D)<br>(D)            | 3<br>(D)<br>(D)            |
| Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry<br>3,557,828      | 22,067<br>1,212,603<br>14,296 | 147<br>35,106              | 42<br>4,912<br>10,357  | 671<br>31,877<br>100,997   | 318<br>23,126<br>68,031    | 143<br>9,531<br>22,813     |
| Sunflower seed, All .....  | farms<br>acres<br>pounds<br>3,381,523         | 91<br>2,275<br>-              | -<br>-                     | -<br>-                 | -<br>-                     | 4<br>(D)<br>(D)            | 2<br>214<br>273,000        |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons<br>3,324,568           | 989<br>180,054<br>-           | -<br>-                     | -<br>-                 | -<br>-                     | -<br>-                     | 31<br>5,486<br>101,463     |
| Vegetables harvested for sale (see text) .....   | farms<br>acres<br>137,887                     | 2,519<br>4<br>2               | 3<br>(D)                   | 77<br>7,953            | 21<br>144                  | 30<br>306                  | 19<br>3,279                |
| Land in orchards .....   | farms<br>acres<br>118,166                     | 2,601<br>14<br>109            | 2<br>(D)                   | 72<br>1,880            | 15<br>43                   | 80<br>4,761                | 6<br>32                    |
| Item   | Baraga  | Barry                         | Bay                        | Benzie                 | Berrien                    | Branch                     | Cahoun                     |
| Selected crops harvested - Con.  |   |                               |                            |                        |                            |                            |                            |
| Oats for grain .....   | farms<br>acres<br>bushels<br>15,279           | 10<br>292<br>38,754           | 29<br>639                  | 30<br>455<br>39,242    | 5<br>37<br>1,051           | 11<br>111<br>6,488         | 28<br>336<br>19,548        |
| Barley for grain .....   | farms<br>acres<br>bushels<br>(D)              | 3<br>(D)                      | 4<br>53<br>2,235           | 5<br>108<br>5,548      | -<br>-                     | -<br>-                     | 1<br>(D)<br>(D)            |
| Sorghum for grain .....  | farms<br>acres<br>bushels<br>-                | -<br>(D)                      | 1<br>-                     | -<br>-                 | -<br>-                     | -<br>-                     | -<br>-                     |
| Sorghum for silage or greenchop .....  | farms<br>acres<br>tons<br>-                   | -<br>(D)                      | 1<br>-                     | -<br>(D)               | 2<br>-                     | -<br>-                     | 2<br>(D)<br>(D)            |
| Soybeans for beans .....   | farms<br>acres<br>bushels<br>-                | -<br>141<br>30,838            | 344<br>43,622<br>1,772,784 | -<br>-                 | 244<br>51,409<br>1,995,799 | 350<br>76,960<br>2,773,904 | 416<br>69,339<br>2,729,212 |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt<br>-                    | -<br>-                        | 174<br>26,165<br>485,837   | -<br>-                 | 1<br>(D)<br>(D)            | 5<br>(D)<br>(D)            | 7<br>209<br>2,487          |
| Potatoes .....   | farms<br>acres<br>cwt<br>-                    | -<br>(D)                      | 2<br>2,263<br>569,044      | 26<br>-                | 16<br>39<br>3,741          | 10<br>186<br>55,774        | 3<br>1<br>(D)              |
| Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry<br>4,845<br>8,215 | 51<br>4,845<br>24,630         | 497<br>79,769              | 170<br>5,821<br>18,455 | 72<br>2,819<br>5,607       | 231<br>5,750<br>18,527     | 380<br>10,758<br>35,959    |
| Sunflower seed, All .....  | farms<br>acres<br>pounds<br>(D)               | 1<br>(D)                      | -<br>-                     | 2<br>(D)               | 3<br>4<br>2,400            | 4<br>115<br>(D)            | -<br>-                     |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons<br>-                   | -<br>-                        | 167<br>20,588<br>341,126   | -<br>-                 | -<br>-                     | -<br>-                     | -<br>-                     |
| Vegetables harvested for sale (see text) .....   | farms<br>acres<br>(D)                         | 2<br>82                       | 25<br>3,491                | 73<br>177              | 21<br>7,391                | 32<br>2,639                | 30<br>490                  |
| Land in orchards .....   | farms<br>acres<br>58                          | 5<br>46                       | 18<br>87                   | 25<br>3,941            | 38<br>16,352               | 7<br>111                   | 16<br>58                   |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Cass  | Charlevoix              | Cheboygan                  | Chippewa                | Clare                      | Clinton                    | Crawford             |
|--|---|-------------------------|----------------------------|-------------------------|----------------------------|----------------------------|----------------------|
| Selected crops harvested - Con.  |   |                         |                            |                         |                            |                            |                      |
| Oats for grain   | farms<br>acres<br>bushels<br>13<br>293<br>15,015        | 20<br>469<br>24,864     | 12<br>185<br>8,440         | 43<br>970<br>35,052     | 29<br>460<br>23,479        | 52<br>961<br>71,942        | 3<br>24<br>900       |
| Barley for grain   | farms<br>acres<br>bushels<br>1<br>(D)<br>(D)            | 3<br>67<br>(D)          | 3<br>72<br>4,364           | 8<br>169<br>5,291       | 1<br>(D)<br>(D)            | 5<br>106<br>(D)            | 1<br>(D)<br>(D)      |
| Sorghum for grain  | farms<br>acres<br>bushels<br>-<br>-<br>-                | -<br>-<br>-             | -<br>-<br>-                | -<br>-<br>-             | -<br>-<br>-                | 1<br>(D)<br>(D)            | -                    |
| Sorghum for silage or greenchop  | farms<br>acres<br>tons<br>-<br>-<br>-                   | -<br>-<br>-             | 1<br>(D)<br>(D)            | 1<br>(D)<br>(D)         | 6<br>164<br>1,428          | 3<br>(D)<br>(D)            | -                    |
| Soybeans for beans   | farms<br>acres<br>bushels<br>237<br>48,003<br>1,815,927 | 3<br>(D)<br>(D)         | -<br>-<br>-                | -<br>-<br>-             | 8<br>614<br>22,330         | 501<br>82,978<br>3,219,626 | -                    |
| Dry edible beans, excluding limas  | farms<br>acres<br>cwt<br>2<br>(D)<br>(D)                | -<br>-<br>-             | -<br>-<br>-                | -<br>-<br>-             | -<br>-<br>-                | 10<br>1,042<br>23,574      | -                    |
| Potatoes   | farms<br>acres<br>cwt<br>1<br>(D)<br>(D)                | 1<br>(D)<br>(D)         | 1<br>(D)<br>(D)            | 2<br>(D)<br>(D)         | 2<br>(D)<br>(D)            | 2<br>(D)<br>(D)            | -                    |
| Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) | farms<br>acres<br>tons, dry<br>335<br>11,523<br>33,181  | 182<br>10,571<br>23,755 | 163<br>14,659<br>31,483    | 249<br>32,174<br>61,768 | 262<br>18,448<br>46,827    | 432<br>22,244<br>78,089    | 11<br>297<br>445     |
| Sunflower seed, All  | farms<br>acres<br>pounds<br>1<br>(D)<br>(D)             | 1<br>(D)<br>(D)         | 1<br>(D)<br>(D)            | -<br>-<br>-             | 1<br>(D)<br>(D)            | 3<br>40<br>36,000          | -                    |
| Sugarbeets for sugar   | farms<br>acres<br>tons<br>2<br>(D)<br>(D)               | -<br>-<br>-             | 1<br>(D)<br>(D)            | -<br>-<br>-             | -<br>-<br>-                | 3<br>(D)<br>15,230         | -                    |
| Vegetables harvested for sale (see text)   | farms<br>acres<br>28<br>4,957                           | 8<br>163                | 15<br>69                   | 5<br>67                 | 6<br>16                    | 32<br>523                  | 1<br>(D)             |
| Land in orchards   | farms<br>acres<br>41<br>3,714                           | 32<br>540               | 17<br>63                   | 6<br>11                 | 14<br>34                   | 26<br>221                  | 3<br>(D)             |
| Item   | Delta   | Dickinson               | Eaton                      | Emmet                   | Genesee                    | Gladwin                    | Gogebic              |
| Selected crops harvested - Con.  |   |                         |                            |                         |                            |                            |                      |
| Oats for grain   | farms<br>acres<br>bushels<br>32<br>1,109<br>61,274      | 15<br>403<br>21,581     | 41<br>925<br>65,236        | 24<br>514<br>23,184     | 31<br>553<br>27,526        | 56<br>851<br>55,857        | 2<br>(D)<br>(D)      |
| Barley for grain   | farms<br>acres<br>bushels<br>25<br>1,433<br>72,992      | 5<br>93<br>4,403        | 1<br>(D)<br>(D)            | 10<br>231<br>7,605      | 2<br>(D)<br>(D)            | 4<br>66<br>2,984           | -                    |
| Sorghum for grain  | farms<br>acres<br>bushels<br>-<br>-<br>-                | -<br>-<br>-             | -<br>-<br>-                | -<br>-<br>-             | -<br>-<br>-                | -<br>-<br>-                | -                    |
| Sorghum for silage or greenchop  | farms<br>acres<br>tons<br>1<br>(D)<br>(D)               | 2<br>(D)<br>(D)         | -<br>-<br>-                | 2<br>(D)<br>(D)         | 1<br>(D)<br>(D)            | 1<br>(D)<br>(D)            | -                    |
| Soybeans for beans   | farms<br>acres<br>bushels<br>1<br>(D)<br>(D)            | -<br>-<br>-             | 391<br>70,885<br>2,855,383 | -<br>-<br>-             | 204<br>44,928<br>1,465,349 | 29<br>3,481<br>146,765     | -                    |
| Dry edible beans, excluding limas  | farms<br>acres<br>cwt<br>5<br>1,168<br>15,837           | 1<br>(D)<br>(D)         | 4<br>492<br>8,428          | -<br>-<br>-             | 10<br>367<br>6,118         | 12<br>989<br>12,647        | -                    |
| Potatoes   | farms<br>acres<br>cwt<br>6<br>697<br>142,600            | 7<br>487<br>93,220      | 2<br>(D)<br>(D)            | 3<br>5<br>(D)           | 1<br>(D)<br>(D)            | 2<br>(D)<br>(D)            | 2<br>(D)<br>(D)      |
| Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) | farms<br>acres<br>tons, dry<br>185<br>18,550<br>50,231  | 76<br>6,310<br>16,200   | 466<br>16,482<br>51,876    | 161<br>13,988<br>32,212 | 398<br>13,672<br>37,808    | 324<br>16,394<br>37,338    | 26<br>1,025<br>1,681 |
| Sunflower seed, All  | farms<br>acres<br>pounds<br>1<br>(D)<br>(D)             | -<br>-<br>-             | -<br>-<br>-                | 1<br>(D)<br>(D)         | 1<br>(D)<br>(D)            | -<br>-<br>-                | -                    |
| Sugarbeets for sugar   | farms<br>acres<br>tons<br>-<br>-<br>-                   | -<br>-<br>-             | 1<br>(D)<br>(D)            | -<br>-<br>-             | 3<br>186<br>4,393          | 13<br>1,528<br>26,468      | -                    |
| Vegetables harvested for sale (see text)   | farms<br>acres<br>20<br>379                             | 3<br>6                  | 21<br>1,390                | 21<br>227               | 52<br>639                  | 8<br>106                   | -                    |
| Land in orchards   | farms<br>acres<br>14<br>72                              | 4<br>3                  | 21<br>118                  | 13<br>41                | 31<br>572                  | 9<br>44                    | 1<br>(D)             |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand<br>Traverse           | Gratiot                 | Hillsdale                  | Houghton                   | Huron                           | Ingham                     | Ionia                      | Iosco                   |
|---|-----------------------------|-------------------------|----------------------------|----------------------------|---------------------------------|----------------------------|----------------------------|-------------------------|
| Selected crops harvested - Con.   |                             |                         |                            |                            |                                 |                            |                            |                         |
| Oats for grain .....  | farms<br>acres<br>bushels   | 43<br>1,443<br>76,937   | 32<br>754<br>49,192        | 53<br>991<br>56,059        | 14<br>233<br>9,184              | 119<br>2,495<br>218,229    | 15<br>311<br>18,461        | 59<br>1,169<br>89,874   |
| Barley for grain .....  | farms<br>acres<br>bushels   | 4<br>150<br>6,810       | 6<br>274<br>14,295         | 4<br>42<br>3,640           | 5<br>336<br>19,720              | 16<br>703<br>42,691        | 5<br>63<br>3,204           | 6<br>121<br>6,298       |
| Sorghum for grain .....   | farms<br>acres<br>bushels   | -<br>-<br>-             | 1<br>(D)<br>(D)            | -<br>-<br>-                | -<br>-<br>-                     | 1<br>(D)<br>(D)            | 1<br>(D)<br>(D)            | -<br>-<br>-             |
| Sorghum for silage or greenchop .....   | farms<br>acres<br>tons      | -<br>-<br>-             | 3<br>36<br>386             | 7<br>96<br>767             | 1<br>(D)<br>(D)                 | 2<br>(D)<br>(D)            | 4<br>105<br>880            | 3<br>42<br>(D)          |
| Soybeans for beans .....  | farms<br>acres<br>bushels   | 14<br>471<br>14,393     | 448<br>82,677<br>3,602,193 | 424<br>71,220<br>2,345,316 | -<br>45,514<br>2,149,328        | 389<br>58,394<br>2,107,886 | 262<br>59,360<br>2,636,445 | 341<br>1,504<br>58,887  |
| Dry edible beans, excluding limas .....   | farms<br>acres<br>cwt       | 1<br>(D)<br>390,207     | 131<br>22,794              | 1<br>(D)<br>(D)            | -<br>431<br>87,328<br>1,813,324 | 3<br>(D)<br>(D)            | 6<br>702<br>13,133         | 2<br>(D)<br>(D)         |
| Potatoes .....  | farms<br>acres<br>cwt       | 3<br>(D)<br>930         | 4<br>395<br>82,480         | 3<br>(D)<br>(D)            | 7<br>6<br>(D)                   | 2<br>(D)<br>(D)            | 5<br>13<br>(D)             | -<br>-<br>(D)           |
| Forage - land used for all hay and all haylage,<br>grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 180<br>10,967<br>27,309 | 290<br>13,309<br>55,283    | 508<br>20,668<br>62,115    | 82<br>7,190<br>17,225           | 363<br>25,515<br>108,865   | 434<br>16,133<br>56,550    | 521<br>24,003<br>87,430 |
| Sunflower seed, All .....   | farms<br>acres<br>pounds    | 5<br>(D)<br>(D)         | -<br>-<br>-                | -<br>-<br>-                | -<br>-<br>-                     | 1<br>(D)<br>(D)            | -<br>-<br>-                | 1<br>(D)<br>(D)         |
| Sugarbeets for sugar .....  | farms<br>acres<br>tons      | -<br>-<br>-             | 72<br>17,961<br>330,923    | -<br>-<br>-                | -<br>57,203<br>1,139,948        | -<br>-<br>-                | -<br>-<br>-                | 1<br>(D)<br>(D)         |
| Vegetables harvested for sale (see text) .....  | farms<br>acres              | 27<br>504               | 35<br>5,619                | 13<br>447                  | 10<br>16                        | 17<br>133                  | 29<br>506                  | 19<br>625               |
| Land in orchards .....  | farms<br>acres              | 158<br>7,670            | 10<br>29                   | 18<br>190                  | 13<br>32                        | 7<br>24                    | 36<br>218                  | 20<br>910               |
| Item  | Iron                        | Isabella                | Jackson                    | Kalamazoo                  | Kalkaska                        | Kent                       | Keweenaw                   | Lake                    |
| Selected crops harvested - Con.   |                             |                         |                            |                            |                                 |                            |                            |                         |
| Oats for grain .....  | farms<br>acres<br>bushels   | 20<br>500<br>24,919     | 62<br>1,751<br>109,072     | 41<br>873<br>42,587        | 31<br>610<br>39,091             | 5<br>59<br>2,758           | 64<br>1,660<br>100,008     | -<br>-<br>5,864         |
| Barley for grain .....  | farms<br>acres<br>bushels   | 4<br>59<br>2,500        | 10<br>332<br>18,932        | 5<br>209<br>8,050          | 2<br>(D)<br>(D)                 | -<br>-<br>-                | 3<br>30<br>(D)             | -<br>-<br>-             |
| Sorghum for grain .....   | farms<br>acres<br>bushels   | -<br>-<br>-             | -<br>-<br>-                | 2<br>(D)<br>(D)            | -<br>-<br>-                     | 2<br>(D)<br>(D)            | 1<br>(D)<br>(D)            | -<br>-<br>-             |
| Sorghum for silage or greenchop .....   | farms<br>acres<br>tons      | -<br>-<br>-             | 2<br>(D)<br>(D)            | 1<br>(D)<br>(D)            | 2<br>(D)<br>(D)                 | -<br>-<br>-                | 2<br>(D)<br>(D)            | 1<br>(D)<br>(D)         |
| Soybeans for beans .....  | farms<br>acres<br>bushels   | -<br>-<br>-             | 271<br>41,465<br>1,671,247 | 250<br>38,180<br>1,322,286 | 189<br>38,208<br>1,536,562      | -<br>-<br>-                | 127<br>18,577<br>793,143   | -<br>-<br>-             |
| Dry edible beans, excluding limas .....   | farms<br>acres<br>cwt       | -<br>-<br>-             | 45<br>6,185<br>99,225      | 1<br>(D)<br>(D)            | 2<br>(D)<br>(D)                 | -<br>-<br>-                | 10<br>2,403<br>45,014      | -<br>-<br>-             |
| Potatoes .....  | farms<br>acres<br>cwt       | 7<br>768<br>223,492     | 7<br>22<br>8,438           | 4<br>3<br>(D)              | 1<br>(D)<br>(D)                 | 4<br>1,275<br>421,990      | 2<br>(D)<br>(D)            | -<br>-<br>(D)           |
| Forage - land used for all hay and all haylage,<br>grass silage, and greenchop (see text) ..... | farms<br>acres<br>tons, dry | 65<br>5,344<br>9,747    | 478<br>33,991<br>114,002   | 585<br>24,649<br>74,697    | 263<br>11,634<br>30,703         | 73<br>3,656<br>6,420       | 560<br>26,817<br>86,435    | 3<br>49<br>42           |
| Sunflower seed, All .....   | farms<br>acres<br>pounds    | -<br>-<br>-             | 2<br>(D)<br>(D)            | 2<br>(D)<br>(D)            | -<br>-<br>-                     | 2<br>(D)<br>(D)            | -<br>-<br>-                | -<br>-<br>-             |
| Sugarbeets for sugar .....  | farms<br>acres<br>tons      | -<br>-<br>-             | 6<br>1,109<br>18,623       | -<br>-<br>-                | -<br>-<br>-                     | -<br>-<br>-                | -<br>-<br>-                | -<br>-<br>-             |
| Vegetables harvested for sale (see text) .....  | farms<br>acres              | 2<br>(D)                | 22<br>959                  | 48<br>988                  | 32<br>1,395                     | 6<br>(D)                   | 63<br>2,281                | -<br>(D)                |
| Land in orchards .....  | farms<br>acres              | 7<br>14                 | 8<br>70                    | 34<br>205                  | 35<br>799                       | 1<br>(D)                   | 109<br>11,384              | -<br>(D)                |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Lapeer  | Leelanau                  | Lenawee                     | Livingston               | Luce                     | Mackinac                | Macomb                     | Manistee                  |
|--|---|---------------------------|-----------------------------|--------------------------|--------------------------|-------------------------|----------------------------|---------------------------|
| Selected crops harvested - Con.  |   |                           |                             |                          |                          |                         |                            |                           |
| Oats for grain   | farms<br>acres<br>bushels<br>1,965<br>123,596           | 82<br>27<br>474<br>24,504 | 35<br>594<br>48,533         | 21<br>491<br>21,338      | 2<br>(D)<br>(D)          | 11<br>157<br>6,794      | 21<br>610<br>43,236        | 19<br>388<br>15,427       |
| Barley for grain   | farms<br>acres<br>bushels<br>15<br>637<br>26,285        | 3<br>18<br>737            | 3<br>11<br>503              | 1<br>(D)<br>(D)          | -<br>-                   | 1<br>(D)<br>(D)         | 1<br>(D)<br>(D)            | 1<br>(D)<br>(D)           |
| Sorghum for grain  | farms<br>acres<br>bushels<br>1<br>(D)<br>(D)            | -<br>-<br>-               | -<br>-<br>-                 | -<br>-<br>-              | -<br>-<br>-              | -<br>-<br>-             | 1<br>(D)<br>(D)            | -<br>-<br>-               |
| Sorghum for silage or greenchop  | farms<br>acres<br>tons<br>6<br>89<br>550                | 2<br>(D)<br>(D)           | 2<br>(D)<br>(D)             | 1<br>(D)<br>(D)          | -<br>-                   | -<br>-                  | 1<br>(D)<br>(D)            | 2<br>(D)<br>(D)           |
| Soybeans for beans   | farms<br>acres<br>bushels<br>228<br>52,242<br>2,063,110 | -<br>-<br>-               | 598<br>128,951<br>4,008,307 | 115<br>18,166<br>677,896 | -<br>-<br>-              | -<br>-<br>-             | 140<br>25,086<br>925,931   | 1<br>(D)<br>(D)           |
| Dry edible beans, excluding limas  | farms<br>acres<br>cwt<br>10<br>298<br>5,364             | -<br>-<br>-               | 2<br>(D)<br>(D)             | 2<br>(D)<br>(D)          | -<br>-                   | -<br>-                  | -<br>-                     | 4<br>582<br>7,898         |
| Potatoes   | farms<br>acres<br>cwt<br>5<br>68<br>12,317              | 6<br>7<br>1,412           | 8<br>5<br>1,288             | 4<br>2<br>370            | 2<br>(D)<br>(D)          | 2<br>(D)<br>(D)         | 9<br>5<br>605              | 3<br>2<br>840             |
| Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) | farms<br>acres<br>tons, dry<br>595<br>30,534<br>88,407  | 105<br>5,515<br>13,807    | 333<br>15,956<br>53,974     | 330<br>12,510<br>33,957  | 20<br>3,186<br>8,942     | 52<br>7,444<br>17,063   | 142<br>5,275<br>17,482     | 176<br>9,574<br>18,065    |
| Sunflower seed, All  | farms<br>acres<br>pounds<br>4<br>12<br>13,500           | -<br>-<br>-               | 1<br>(D)<br>(D)             | 5<br>57<br>77,250        | -<br>-<br>-              | -<br>-<br>-             | 1<br>(D)<br>(D)            | 1<br>(D)<br>(D)           |
| Sugarbeets for sugar   | farms<br>acres<br>tons<br>4<br>710<br>15,885            | -<br>-<br>-               | 10<br>786<br>11,973         | -<br>-<br>-              | -<br>-<br>-              | -<br>-<br>-             | -<br>-<br>-                | -<br>-<br>-               |
| Vegetables harvested for sale (see text)   | farms<br>acres<br>3,210                                 | 68<br>185                 | 22<br>3,097                 | 40<br>1,622              | 33<br>(D)                | 2<br>(D)                | 1<br>75<br>3,944           | 21<br>840                 |
| Land in orchards   | farms<br>acres<br>30<br>609                             | 205<br>16,305             | 41<br>714                   | 29<br>133                | 1<br>(D)                 | 1<br>(D)                | 25<br>654                  | 38<br>2,497               |
| Item   | Marquette   | Mason                     | Mecosta                     | Menominee                | Midland                  | Missaukee               | Monroe                     | Montcalm                  |
| Selected crops harvested - Con.  |   |                           |                             |                          |                          |                         |                            |                           |
| Oats for grain   | farms<br>acres<br>bushels<br>16<br>331<br>17,946        | 36<br>670<br>37,597       | 97<br>1,481<br>78,074       | 50<br>924<br>48,398      | 22<br>372<br>25,297      | 28<br>844<br>50,582     | 36<br>1,219<br>101,686     | 93<br>1,810<br>100,061    |
| Barley for grain   | farms<br>acres<br>bushels<br>4<br>157<br>8,840          | 6<br>86<br>3,932          | 8<br>43<br>1,836            | 29<br>1,073<br>48,474    | 1<br>(D)<br>(D)          | 2<br>(D)<br>(D)         | 3<br>(D)<br>(D)            | 8<br>95<br>4,923          |
| Sorghum for grain  | farms<br>acres<br>bushels<br>-<br>-<br>-                | -<br>-<br>-               | -<br>-<br>-                 | -<br>-<br>-              | -<br>-<br>-              | -<br>-<br>-             | 3<br>(D)<br>(D)            | -<br>-<br>-               |
| Sorghum for silage or greenchop  | farms<br>acres<br>tons<br>1<br>(D)<br>(D)               | 1<br>(D)<br>(D)           | 2<br>(D)<br>(D)             | 5<br>211<br>2,541        | -<br>-<br>-              | 7<br>140<br>1,080       | 1<br>(D)<br>(D)            | 8<br>55<br>466            |
| Soybeans for beans   | farms<br>acres<br>bushels<br>-<br>-<br>-                | 31<br>2,606<br>101,491    | 14<br>897<br>31,896         | 5<br>116<br>4,326        | 138<br>19,449<br>817,940 | 2<br>(D)<br>(D)         | 581<br>95,809<br>3,181,990 | 115<br>16,336<br>624,123  |
| Dry edible beans, excluding limas  | farms<br>acres<br>cwt<br>-<br>-<br>-                    | -<br>-<br>-               | 11<br>1,710<br>25,055       | 1<br>(D)<br>(D)          | 36<br>3,684<br>62,204    | -<br>-<br>-             | 4<br>43<br>1,208           | 76<br>14,978<br>253,685   |
| Potatoes   | farms<br>acres<br>cwt<br>7<br>487<br>154,655            | -<br>-<br>-               | 8<br>(D)<br>(D)             | -<br>-<br>-              | 3<br>(D)<br>(D)          | 1<br>(D)<br>(D)         | 12<br>1,903<br>469,874     | 27<br>16,678<br>5,299,283 |
| Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) | farms<br>acres<br>tons, dry<br>76<br>6,481<br>14,090    | 226<br>15,004<br>45,333   | 458<br>31,625<br>81,135     | 234<br>30,262<br>93,238  | 165<br>8,035<br>23,090   | 266<br>34,499<br>93,887 | 243<br>6,174<br>16,415     | 568<br>30,454<br>94,231   |
| Sunflower seed, All  | farms<br>acres<br>pounds<br>-<br>-<br>-                 | -<br>-<br>-               | 2<br>(D)<br>(D)             | 1<br>(D)<br>(D)          | -<br>-                   | 2<br>(D)<br>(D)         | -<br>-                     | 4<br>56<br>46,000         |
| Sugarbeets for sugar   | farms<br>acres<br>tons<br>-<br>-<br>-                   | 1<br>(D)<br>(D)           | 2<br>(D)<br>(D)             | -<br>-                   | 16<br>2,967<br>50,955    | -<br>-                  | 3<br>(D)<br>(D)            | 11<br>1,758<br>33,316     |
| Vegetables harvested for sale (see text)   | farms<br>acres<br>5<br>9                                | 64<br>5,639               | 53<br>1,239                 | 5<br>43                  | 18<br>159                | 3<br>(D)                | 71<br>4,479                | 46<br>5,267               |
| Land in orchards   | farms<br>acres<br>8<br>62                               | 49<br>5,198               | 15<br>183                   | 12<br>71                 | 12<br>56                 | 2<br>(D)                | 47<br>299                  | 17<br>794                 |

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Montmorency   | Muskegon | Newaygo                    | Oakland                 | Oceana                  | Ogemaw                      | Ontonagon                  | Osceola                    |
|--|---|----------|----------------------------|-------------------------|-------------------------|-----------------------------|----------------------------|----------------------------|
| Selected crops harvested - Con.  |   |          |                            |                         |                         |                             |                            |                            |
| Oats for grain   | farms<br>9<br>150<br>acres<br>21<br>524<br>bushels<br>10,760          |          | 42<br>647<br>38,507        | 5<br>181<br>13,373      | 26<br>515<br>30,499     | 34<br>1,157<br>76,447       | 11<br>352<br>17,585        | 29<br>631<br>29,112        |
| Barley for grain   | farms<br>7<br>307<br>acres<br>1<br>(D)<br>bushels<br>14,200           |          | 3<br>(D)<br>(D)            | -                       | 6<br>53<br>2,050        | 8<br>750<br>45,381          | 7<br>142<br>6,520          | 3<br>67<br>3,171           |
| Sorghum for grain  | farms<br>-<br>-<br>-<br>bushels<br>-                                  |          | -<br>-<br>-<br>-           | -<br>-<br>-<br>-        | -<br>-<br>-<br>-        | -<br>-<br>-<br>-            | -<br>-<br>-                |                            |
| Sorghum for silage or greenchop  | farms<br>-<br>-<br>-<br>tons<br>-                                     |          | 6<br>69<br>790             | 12<br>108<br>864        | -<br>-<br>-             | 4<br>77<br>610              | -<br>-<br>-                | 1<br>(D)<br>(D)            |
| Soybeans for beans   | farms<br>9<br>1,158<br>acres<br>34<br>4,627<br>bushels<br>45,778      |          | 60<br>5,785<br>203,724     | 24<br>4,043<br>102,196  | 22<br>2,315<br>80,203   | 10<br>856<br>38,629         | -<br>-<br>-                | 6<br>(D)<br>(D)            |
| Dry edible beans, excluding limas  | farms<br>2<br>(D)<br>acres<br>-<br>(D)<br>cwt<br>-                    |          | 4<br>179<br>(D)            | 1<br>(D)<br>(D)         | -<br>-<br>-             | -<br>-<br>-                 | -<br>-<br>-                | -<br>-<br>-                |
| Potatoes   | farms<br>-<br>-<br>-<br>acres<br>5<br>241<br>cwt<br>66,064            |          | 5<br>(D)<br>(D)            | 4<br>13<br>242          | 4<br>2<br>428           | 2<br>(D)<br>(D)             | 1<br>(D)<br>(D)            | 2<br>(D)<br>(D)            |
| Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) | farms<br>91<br>5,233<br>acres<br>234<br>12,486<br>tons, dry<br>14,473 |          | 519<br>28,440<br>81,313    | 157<br>6,278<br>12,407  | 301<br>15,188<br>40,429 | 189<br>21,924<br>74,434     | 85<br>11,616<br>24,457     | 386<br>40,289<br>115,215   |
| Sunflower seed, All  | farms<br>2<br>(D)<br>acres<br>-<br>(D)<br>pounds<br>-                 |          | 1<br>(D)<br>(D)            | -<br>-<br>-             | -<br>-<br>-             | -<br>-<br>-                 | -<br>-<br>-                | -<br>-<br>-                |
| Sugarbeets for sugar   | farms<br>-<br>-<br>-<br>acres<br>-<br>-<br>tons<br>-                  |          | -<br>-<br>-                | 1<br>(D)<br>(D)         | -<br>-<br>-             | 2<br>(D)<br>(D)             | -<br>-<br>-                | -<br>-<br>-                |
| Vegetables harvested for sale (see text)   | farms<br>4<br>10<br>acres<br>29<br>2,784                              |          | 50<br>4,941                | 32<br>590               | 179<br>16,312           | 6<br>15                     | -<br>-                     | 5<br>125                   |
| Land in orchards   | farms<br>4<br>6<br>acres<br>24<br>3,233                               |          | 35<br>1,950                | 22<br>307               | 130<br>15,681           | 3<br>(D)                    | 8<br>11                    | 7<br>12                    |
| Item   | Oscoda  | Otsego   | Ottawa                     | Presque Isle            | Roscommon               | Saginaw                     | St. Clair                  | St. Joseph                 |
| Selected crops harvested - Con.  |   |          |                            |                         |                         |                             |                            |                            |
| Oats for grain   | farms<br>14<br>121<br>acres<br>22<br>453<br>bushels<br>5,255          |          | 47<br>649<br>33,571        | 59<br>2,838<br>161,338  | 3<br>64<br>(D)          | 40<br>495<br>36,739         | 50<br>1,136<br>79,753      | 31<br>460<br>23,949        |
| Barley for grain   | farms<br>8<br>83<br>acres<br>4<br>64<br>bushels<br>3,310              |          | 10<br>208<br>6,034         | 9<br>170<br>4,845       | -<br>-<br>-             | 2<br>(D)<br>(D)             | 7<br>76<br>3,511           | -<br>-<br>-                |
| Sorghum for grain  | farms<br>-<br>-<br>-<br>acres<br>-<br>-<br>bushels<br>-               |          | -<br>-<br>-                | 1<br>(D)<br>(D)         | -<br>-<br>-             | 2<br>(D)<br>(D)             | -<br>-<br>-                | -<br>-<br>-                |
| Sorghum for silage or greenchop  | farms<br>1<br>(D)<br>acres<br>-<br>(D)<br>tons<br>-                   |          | 1<br>(D)<br>(D)            | 5<br>136<br>668         | -<br>-<br>-             | 3<br>22<br>146              | 5<br>44<br>217             | 4<br>22<br>117             |
| Soybeans for beans   | farms<br>-<br>-<br>-<br>acres<br>2<br>(D)<br>bushels<br>-             |          | 187<br>23,439<br>1,039,788 | 8<br>916<br>34,464      | -<br>-<br>-             | 666<br>106,117<br>4,158,247 | 365<br>75,733<br>2,664,397 | 312<br>60,143<br>2,508,245 |
| Dry edible beans, excluding limas  | farms<br>-<br>-<br>-<br>acres<br>1<br>(D)<br>cwt<br>-                 |          | 1<br>(D)<br>(D)            | 14<br>1,050<br>15,768   | -<br>-<br>-             | 122<br>15,784<br>290,000    | 8<br>174<br>3,386          | 2<br>(D)<br>(D)            |
| Potatoes   | farms<br>-<br>-<br>-<br>acres<br>5<br>412<br>cwt<br>-<br>133,900      |          | 16<br>39<br>3,666          | 18<br>2,298<br>581,683  | -<br>-<br>-             | 8<br>1,517<br>476,859       | 5<br>23<br>3,710           | 19<br>6,309<br>2,176,062   |
| Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) | farms<br>87<br>5,011<br>acres<br>87<br>9,782<br>tons, dry<br>11,580   |          | 508<br>22,002<br>72,605    | 198<br>15,232<br>37,555 | 24<br>1,485<br>2,857    | 286<br>7,453<br>26,465      | 554<br>18,354<br>41,901    | 361<br>11,063<br>33,786    |
| Sunflower seed, All  | farms<br>1<br>(D)<br>acres<br>-<br>(D)<br>pounds<br>-                 |          | 1<br>(D)<br>(D)            | -<br>48<br>110,020      | -<br>-<br>-             | 1<br>(D)<br>(D)             | 4<br>10<br>9,050           | -<br>-<br>-                |
| Sugarbeets for sugar   | farms<br>-<br>-<br>-<br>acres<br>-<br>-<br>tons<br>-                  |          | 1<br>(D)<br>(D)            | -<br>-<br>-             | -<br>-<br>-             | 140<br>19,563<br>348,826    | 6<br>1,337<br>24,008       | -<br>-<br>-                |
| Vegetables harvested for sale (see text)   | farms<br>1<br>(D)<br>acres<br>11<br>66                                |          | 113<br>3,602               | 10<br>100               | 2<br>(D)                | 59<br>3,486                 | 44<br>1,021                | 69<br>9,931                |
| Land in orchards   | farms<br>6<br>13<br>acres<br>3<br>15                                  |          | 65<br>3,952                | 13<br>42                | 2<br>(D)                | 19<br>76                    | 37<br>188                  | 13<br>185                  |

See footnote(s) at end of table.

--continued

**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac                              | Schoolcraft          | Shiawassee                 | Tuscola                    | Van Buren                  | Washtenaw                  | Wayne                  | Wexford                |
|---|--------------------------------------|----------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------|------------------------|
| Selected crops harvested - Con.   |                                      |                      |                            |                            |                            |                            |                        |                        |
| Oats for grain .....  | farms<br>5,515<br>428,846            | 12<br>523<br>33,263  | 62<br>1,991<br>143,129     | 75<br>1,898<br>133,223     | 20<br>292<br>11,629        | 56<br>826<br>49,411        | 2<br>(D)<br>(D)        | 21<br>803<br>46,074    |
| Barley for grain .....  | farms<br>382<br>23,835               | 2<br>(D)<br>(D)      | 8<br>206<br>11,532         | 6<br>226<br>15,645         | 1<br>(D)<br>(D)            | 10<br>120<br>5,338         | -<br>(D)<br>(D)        | 1<br>(D)<br>(D)        |
| Sorghum for grain .....   | farms<br>-<br>-<br>-<br>bushels      | -<br>-<br>-          | -<br>-<br>-                | 2<br>(D)<br>(D)            | 1<br>(D)<br>(D)            | -<br>-<br>-                | -<br>-<br>-            | -<br>-<br>-            |
| Sorghum for silage or greenchop .....   | farms<br>6<br>47<br>234              | -<br>-<br>-          | 2<br>(D)<br>(D)            | 4<br>27<br>115             | 3<br>46<br>(D)             | -<br>-<br>-                | -<br>-<br>-            | 2<br>(D)<br>(D)        |
| Soybeans for beans .....  | farms<br>625<br>125,267<br>5,030,902 | -<br>-<br>-          | 475<br>90,209<br>2,922,382 | 427<br>77,296<br>3,244,854 | 140<br>29,321<br>1,102,055 | 346<br>46,470<br>1,592,514 | 61<br>7,251<br>185,249 | 1<br>(D)<br>(D)        |
| Dry edible beans, excluding limas .....   | farms<br>133<br>17,578<br>294,060    | 2<br>(D)<br>(D)      | 7<br>189<br>2,568          | 217<br>41,047<br>768,498   | -<br>-<br>-                | 1<br>(D)<br>(D)            | -<br>-<br>-            | -<br>-<br>-            |
| Potatoes .....  | farms<br>9<br>(D)<br>(D)             | 5<br>(D)<br>(D)      | 1<br>(D)<br>(D)            | 9<br>679<br>205,294        | 4<br>48<br>2,625           | 5<br>(D)<br>(D)            | 2<br>(D)<br>(D)        | 5<br>5<br>203          |
| Forage - land used for all hay and all haylage,<br>grass silage, and greenchop (see text) ..... | farms<br>700<br>47,899<br>178,292    | 35<br>3,748<br>8,267 | 409<br>15,556<br>53,558    | 454<br>18,126<br>63,585    | 348<br>12,623<br>34,178    | 534<br>18,501<br>59,240    | 60<br>1,259<br>2,524   | 180<br>9,164<br>20,824 |
| Sunflower seed, All .....   | farms<br>2<br>(D)<br>(D)             | -<br>-<br>-          | 1<br>(D)<br>(D)            | 3<br>12<br>7,000           | 2<br>(D)<br>(D)            | 2<br>(D)<br>(D)            | -<br>-<br>-            | 1<br>(D)<br>(D)        |
| Sugarbeets for sugar .....  | farms<br>93<br>20,719<br>372,514     | 1<br>(D)<br>(D)      | 2<br>(D)<br>(D)            | 144<br>25,861<br>469,760   | -<br>-<br>-                | -<br>-<br>-                | -<br>-<br>-            | -<br>-<br>-            |
| Vegetables harvested for sale (see text) .....  | farms<br>34<br>259                   | 6<br>28              | 20<br>84                   | 52<br>2,230                | 91<br>10,553               | 70<br>2,124                | 44<br>1,336            | 14<br>191              |
| Land in orchards .....  | farms<br>23<br>147                   | 5<br>(D)             | 13<br>188                  | 11<br>197                  | 188<br>10,281              | 45<br>337                  | 11<br>144              | 8<br>24                |

<sup>1</sup> Data are based on a sample of farms.

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan               | Alcona    | Alger  | Allegan | Alpena  | Antrim | Arenac |
|---|------------------------|-----------|--------|---------|---------|--------|--------|
| Total sales (see text) .....                                |                        |           |        |         |         |        |        |
| farms, 2002   | 53,315                 | 244       | 67     | 1,489   | 460     | 382    | 381    |
| 1997  | 53,519                 | 240       | 70     | 1,560   | 492     | 301    | 365    |
| \$1,000, 2002   | 3,772,435              | 5,567     | 1,511  | 230,268 | 12,553  | 15,854 | 22,531 |
| 1997  | 3,694,670              | 5,902     | 1,971  | 193,532 | 11,791  | 17,497 | 24,173 |
| Average per farm .....                                      | dollars, 2002          | 70,757    | 22,818 | 22,547  | 154,646 | 27,290 | 41,501 |
|   | 1997                   | 69,035    | 24,590 | 28,152  | 124,059 | 23,966 | 58,131 |
| 2002 value of sales:  |                        |           |        |         |         |        |        |
| Less than \$1,000 (see text) .....                          | farms                  | 17,442    | 89     | 25      | 431     | 148    | 155    |
|   | \$1,000                | 1,558     | 5      | 4       | 47      | 24     | 17     |
|   | \$1,000 to \$2,499     | 5,849     | 25     | 6       | 179     | 74     | 45     |
|   | \$1,000                | 9,665     | (D)    | 9       | 294     | (D)    | 74     |
|   | \$2,500 to \$4,999     | 4,749     | 30     | 7       | 121     | 52     | 39     |
|   | \$1,000                | 17,092    | 103    | 28      | 436     | 185    | 142    |
|   | \$5,000 to \$9,999     | 5,107     | 29     | 6       | 151     | 53     | 30     |
|   | \$1,000                | 36,516    | 212    | 40      | 1,081   | 369    | 220    |
|   | \$10,000 to \$19,999   | 4,930     | 19     | 7       | 135     | 33     | 27     |
|   | \$1,000                | 70,100    | 252    | 92      | 1,920   | 481    | 376    |
|   | \$20,000 to \$24,999   | 1,499     | 10     | -       | 26      | 9      | 10     |
|   | \$1,000                | 33,184    | 219    | -       | 577     | 198    | 218    |
|   | \$25,000 to \$39,999   | 2,839     | 15     | 6       | 87      | 21     | 14     |
|   | \$1,000                | 89,520    | 500    | 171     | 2,783   | 625    | 412    |
|   | \$40,000 to \$49,999   | 1,180     | 2      | -       | 34      | 10     | 7      |
|   | \$1,000                | 52,353    | (D)    | -       | 1,493   | 430    | 306    |
|   | \$50,000 to \$99,999   | 3,229     | 6      | 5       | 87      | 24     | 27     |
|   | \$1,000                | 228,371   | 435    | 368     | 6,499   | 1,678  | 1,901  |
|   | \$100,000 to \$249,999 | 3,231     | 14     | 5       | 77      | 21     | 16     |
|   | \$1,000                | 513,700   | 2,005  | 798     | 12,645  | 3,263  | 2,456  |
|   | \$250,000 to \$499,999 | 1,807     | 5      | -       | 70      | 14     | 5      |
|   | \$1,000                | 625,875   | 1,705  | -       | 25,266  | 4,530  | 1,827  |
|   | \$500,000 or more      | 1,453     | -      | -       | 91      | 1      | 7      |
|   | \$1,000                | 2,094,500 | -      | -       | 177,230 | (D)    | 7,906  |
| 1997 value of sales:  |                        |           |        |         |         |        |        |
| Less than \$1,000 (see text) .....                          | farms                  | 10,884    | 40     | 8       | 270     | 114    | 66     |
|   | \$1,000                | 1,540     | (D)    | 2       | 55      | (D)    | 13     |
|   | \$1,000 to \$2,499     | 5,910     | 27     | 12      | 174     | 76     | 45     |
|   | \$1,000                | 9,650     | 44     | 21      | 274     | 132    | 66     |
|   | \$2,500 to \$4,999     | 5,863     | 41     | 10      | 178     | 74     | 34     |
|   | \$1,000                | 21,111    | 140    | 40      | 630     | 270    | 127    |
|   | \$5,000 to \$9,999     | 6,610     | 44     | 12      | 165     | 80     | 32     |
|   | \$1,000                | 46,968    | 302    | 84      | 1,193   | 563    | 223    |
|   | \$10,000 to \$19,999   | 6,275     | 35     | 7       | 175     | 50     | 31     |
|   | \$1,000                | 89,056    | 491    | 93      | 2,442   | 699    | 441    |
|   | \$20,000 to \$24,999   | 1,791     | 4      | 4       | 57      | 16     | 8      |
|   | \$1,000                | 39,793    | 88     | (D)     | 1,244   | 353    | 174    |
|   | \$25,000 to \$39,999   | 3,414     | 13     | 5       | 93      | 17     | 18     |
|   | \$1,000                | 107,623   | 415    | 136     | 2,895   | 531    | 541    |
|   | \$40,000 to \$49,999   | 1,429     | 7      | -       | 29      | 6      | 12     |
|   | \$1,000                | 63,648    | 316    | -       | 1,302   | 281    | 536    |
|   | \$50,000 to \$99,999   | 3,837     | 16     | 4       | 107     | 27     | 32     |
|   | \$1,000                | 271,457   | 1,281  | 247     | 7,445   | 2,001  | 1,209  |
|   | \$100,000 to \$249,999 | 4,134     | 11     | 7       | 144     | 23     | 35     |
|   | \$1,000                | 653,375   | 1,555  | 998     | 22,825  | 3,420  | 3,434  |
|   | \$250,000 to \$499,999 | 2,017     | -      | 1       | 87      | 7      | 11     |
|   | \$1,000                | 697,454   | -      | (D)     | 30,848  | 2,355  | 3,916  |
|   | \$500,000 or more      | 1,355     | 2      | -       | 81      | 2      | 4      |
|   | \$1,000                | 1,692,995 | (D)    | -       | 122,378 | (D)    | 6,816  |
| Value of sales by commodity or commodity group:             |                        |           |        |         |         |        |        |
| Crops, including nursery and greenhouse .....               | farms, 2002            | 29,697    | 123    | 36      | 859     | 237    | 205    |
|   | 1997                   | 34,893    | 142    | 49      | 1,009   | 264    | 188    |
|   | \$1,000, 2002          | 2,362,628 | 2,763  | 501     | 112,570 | 4,191  | 11,068 |
|   | 1997                   | 2,314,487 | 2,339  | 688     | 80,427  | 4,574  | 12,704 |
| Grains, oilseeds, dry beans, and dry peas .....             | farms, 2002            | 16,819    | 30     | 7       | 380     | 71     | 41     |
|   | 1997                   | (NA)      | (NA)   | (NA)    | (NA)    | (NA)   | (NA)   |
|   | \$1,000, 2002          | 990,921   | 594    | 18      | 23,158  | 2,129  | 515    |
|   | 1997                   | (NA)      | (NA)   | (NA)    | (NA)    | (NA)   | (NA)   |
| Tobacco .....   | farms, 2002            | -         | -      | -       | -       | -      | -      |
|   | 1997                   | 3         | -      | -       | -       | -      | -      |
|   | \$1,000, 2002          | -         | -      | -       | -       | -      | -      |
|   | 1997                   | 34        | -      | -       | -       | -      | -      |
| Cotton and cottonseed .....                                 | farms, 2002            | -         | -      | -       | -       | -      | -      |
|   | 1997                   | -         | -      | -       | -       | -      | -      |
|   | \$1,000, 2002          | -         | -      | -       | -       | -      | -      |
|   | 1997                   | -         | -      | -       | -       | -      | -      |
| Vegetables, melons, potatoes, and sweet potatoes .....      | farms, 2002            | 2,676     | 4      | 5       | 81      | 19     | 34     |
|   | 1997                   | (NA)      | (NA)   | (NA)    | (NA)    | (NA)   | (NA)   |
|   | \$1,000, 2002          | 322,510   | 2      | 30      | 15,233  | 366    | 4,675  |
|   | 1997                   | (NA)      | (NA)   | (NA)    | (NA)    | (NA)   | (NA)   |
| Fruits, tree nuts, and berries .....                        | farms, 2002            | 2,797     | 10     | 4       | 139     | 12     | 62     |
|   | 1997                   | 3,293     | 1      | 6       | 161     | 24     | 57     |
|   | \$1,000, 2002          | 181,469   | 59     | (D)     | 6,828   | 87     | 2,817  |
|   | 1997                   | 249,176   | 47     | 9,816   | 170     | 5,359  | 7(D)   |
| Nursery, greenhouse, floriculture, and sod (see text) ..... | farms, 2002            | 2,185     | 8      | 2       | 101     | 3      | 26     |
|   | 1997                   | (NA)      | (NA)   | (NA)    | (NA)    | (NA)   | (NA)   |
|   | \$1,000, 2002          | 628,699   | 624    | (D)     | 63,571  | 67     | 2,001  |
|   | 1997                   | (NA)      | (NA)   | (NA)    | (NA)    | (NA)   | (NA)   |
| Cut Christmas trees and short-rotation woody crops .....    | farms, 2002            | 1,076     | 7      | 1       | 30      | 15     | 20     |
|   | 1997                   | (NA)      | (NA)   | (NA)    | (NA)    | (NA)   | (NA)   |
|   | \$1,000, 2002          | 30,411    | 90     | (D)     | 1,646   | 81     | 358    |
|   | 1997                   | (NA)      | (NA)   | (NA)    | (NA)    | (NA)   | (NA)   |

-continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Baraga | Barry  | Bay    | Benzie | Berrien | Branch | Calhoun |
|---|--------|--------|--------|--------|---------|--------|---------|
| Total sales (see text) .....                                |        |        |        |        |         |        |         |
| farms, 2002   | 63     | 1,063  | 787    | 181    | 1,093   | 1,123  | 1,147   |
| 1997  | 62     | 1,055  | 818    | 165    | 1,354   | 1,139  | 1,261   |
| \$1,000, 2002   | 1,120  | 47,842 | 59,373 | 4,222  | 96,716  | 64,904 | 64,443  |
| 1997  | 1,004  | 48,840 | 62,414 | 6,744  | 88,005  | 78,906 | 62,575  |
| Average per farm .....                                      | 17,786 | 45,007 | 75,442 | 23,324 | 88,487  | 57,796 | 56,184  |
| dollars, 2002   |        |        |        |        |         |        |         |
| 1997  | 16,193 | 46,294 | 76,300 | 40,873 | 64,996  | 69,276 | 49,623  |
| 2002 value of sales:  |        |        |        |        |         |        |         |
| Less than \$1,000 (see text) .....                          |        |        |        |        |         |        |         |
| farms   | 22     | 473    | 202    | 48     | 229     | 441    | 344     |
| \$1,000   | 3      | 32     | 17     | 7      | 21      | 25     | 28      |
| \$1,000 to \$2,499 .....                                    |        |        |        |        |         |        |         |
| farms   | 9      | 130    | 54     | 32     | 104     | 86     | 135     |
| \$1,000   | 19     | 218    | 90     | (D)    | 165     | 148    | 227     |
| \$2,500 to \$4,999 .....                                    |        |        |        |        |         |        |         |
| farms   | 7      | 110    | 59     | 23     | 105     | 98     | 99      |
| \$1,000   | 26     | 387    | 207    | 81     | 357     | 379    | 359     |
| \$5,000 to \$9,999 .....                                    |        |        |        |        |         |        |         |
| farms   | 5      | 100    | 67     | 16     | 120     | 90     | 92      |
| \$1,000   | 38     | 717    | 495    | 113    | 842     | 675    | 652     |
| \$10,000 to \$19,999 .....                                  |        |        |        |        |         |        |         |
| farms   | 4      | 75     | 74     | 22     | 140     | 99     | 145     |
| \$1,000   | (D)    | 1,094  | 1,070  | 315    | 2,077   | 1,375  | 2,050   |
| \$20,000 to \$24,999 .....                                  |        |        |        |        |         |        |         |
| farms   | 2      | 17     | 32     | 8      | 43      | 27     | 23      |
| \$1,000   | (D)    | 381    | 705    | 171    | 951     | 615    | 501     |
| \$25,000 to \$39,999 .....                                  |        |        |        |        |         |        |         |
| farms   | 6      | 29     | 43     | 12     | 68      | 52     | 77      |
| \$1,000   | 183    | 923    | 1,366  | 380    | 2,215   | 1,654  | 2,424   |
| \$40,000 to \$49,999 .....                                  |        |        |        |        |         |        |         |
| farms   | 3      | 8      | 29     | 4      | 32      | 31     | 39      |
| \$1,000   | 147    | 369    | 1,317  | 170    | 1,405   | 1,358  | 1,726   |
| \$50,000 to \$99,999 .....                                  |        |        |        |        |         |        |         |
| farms   | -      | 41     | 71     | 2      | 82      | 70     | 70      |
| \$1,000   | -      | 2,916  | 5,023  | (D)    | 5,794   | 5,030  | 4,766   |
| \$100,000 to \$249,999 .....                                |        |        |        |        |         |        |         |
| farms   | 5      | 37     | 75     | 11     | 84      | 62     | 72      |
| \$1,000   | 603    | 5,821  | 12,397 | 1,681  | 13,216  | 10,352 | 11,162  |
| \$250,000 to \$499,999 .....                                |        |        |        |        |         |        |         |
| farms   | -      | 23     | 58     | 3      | 46      | 39     | 25      |
| \$1,000   | -      | 8,589  | 20,282 | 1,107  | 15,784  | 12,637 | 8,548   |
| \$500,000 or more .....                                     |        |        |        |        |         |        |         |
| farms   | -      | 20     | 23     | -      | 40      | 28     | 26      |
| \$1,000   | -      | 26,395 | 16,405 | -      | 53,890  | 30,655 | 32,001  |
| 1997 value of sales:  |        |        |        |        |         |        |         |
| Less than \$1,000 (see text) .....                          |        |        |        |        |         |        |         |
| farms   | 17     | 364    | 130    | 35     | 229     | 314    | 288     |
| \$1,000   | (D)    | 48     | 17     | 5      | 35      | 21     | 43      |
| \$1,000 to \$2,499 .....                                    |        |        |        |        |         |        |         |
| farms   | 10     | 131    | 49     | 27     | 137     | 89     | 115     |
| \$1,000   | 14     | 223    | 81     | 42     | 226     | 145    | 200     |
| \$2,500 to \$4,999 .....                                    |        |        |        |        |         |        |         |
| farms   | 7      | 128    | 67     | 22     | 132     | 106    | 114     |
| \$1,000   | 27     | 446    | 250    | 73     | 486     | 397    | 412     |
| \$5,000 to \$9,999 .....                                    |        |        |        |        |         |        |         |
| farms   | 9      | 134    | 82     | 20     | 169     | 130    | 161     |
| \$1,000   | 69     | 969    | 618    | 138    | 1,183   | 909    | 1,112   |
| \$10,000 to \$19,999 .....                                  |        |        |        |        |         |        |         |
| farms   | 9      | 90     | 104    | 17     | 178     | 121    | 178     |
| \$1,000   | 130    | 1,285  | 1,495  | 228    | 2,628   | 1,743  | 2,523   |
| \$20,000 to \$24,999 .....                                  |        |        |        |        |         |        |         |
| farms   | 2      | 21     | 34     | 2      | 73      | 34     | 44      |
| \$1,000   | (D)    | 473    | 761    | (D)    | 1,620   | 772    | 975     |
| \$25,000 to \$39,999 .....                                  |        |        |        |        |         |        |         |
| farms   | 3      | 45     | 75     | 8      | 96      | 70     | 97      |
| \$1,000   | 105    | 1,396  | 2,359  | 250    | 3,048   | 2,259  | 3,111   |
| \$40,000 to \$49,999 .....                                  |        |        |        |        |         |        |         |
| farms   | -      | 17     | 21     | 5      | 35      | 38     | 49      |
| \$1,000   | -      | 771    | 951    | 229    | 1,564   | 1,684  | 2,183   |
| \$50,000 to \$99,999 .....                                  |        |        |        |        |         |        |         |
| farms   | 3      | 40     | 83     | 6      | 96      | 73     | 88      |
| \$1,000   | 260    | 2,811  | 5,905  | 396    | 6,701   | 5,048  | 6,047   |
| \$100,000 to \$249,999 .....                                |        |        |        |        |         |        |         |
| farms   | 2      | 41     | 100    | 19     | 116     | 96     | 79      |
| \$1,000   | (D)    | 6,581  | 16,442 | 3,061  | 18,629  | 14,998 | 12,784  |
| \$250,000 to \$499,999 .....                                |        |        |        |        |         |        |         |
| farms   | -      | 28     | 53     | 2      | 60      | 41     | 30      |
| \$1,000   | -      | 10,528 | 17,623 | (D)    | 20,281  | 13,475 | 10,657  |
| \$500,000 or more .....                                     |        |        |        |        |         |        |         |
| farms   | -      | 16     | 20     | 2      | 33      | 27     | 18      |
| \$1,000   | -      | 23,310 | 15,911 | (D)    | 31,603  | 37,455 | 22,527  |
| Value of sales by commodity or commodity group:             |        |        |        |        |         |        |         |
| Crops, including nursery and greenhouse .....               |        |        |        |        |         |        |         |
| farms, 2002   | 36     | 442    | 561    | 116    | 802     | 562    | 674     |
| 1997  | 36     | 520    | 644    | 99     | 1,078   | 656    | 842     |
| \$1,000, 2002   | 647    | 19,086 | 54,568 | 3,342  | 84,578  | 39,288 | 36,169  |
| 1997  | 427    | 15,159 | 58,057 | 4,800  | 78,526  | 46,215 | 36,262  |
| Grains, oilseeds, dry beans, and dry peas .....             |        |        |        |        |         |        |         |
| farms, 2002   | 9      | 218    | 451    | 25     | 300     | 453    | 505     |
| 1997  | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002   | 94     | 15,516 | 29,453 | 74     | 21,495  | 32,308 | 27,553  |
| 1997  | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Tobacco .....   |        |        |        |        |         |        |         |
| farms, 2002   | -      | -      | -      | -      | -       | -      | -       |
| 1997  | -      | -      | 1      | -      | -       | -      | -       |
| \$1,000, 2002   | -      | -      | -      | -      | -       | -      | -       |
| 1997  | -      | -      | (D)    | -      | -       | -      | -       |
| Cotton and cottonseed .....                                 |        |        |        |        |         |        |         |
| farms, 2002   | -      | -      | -      | -      | -       | -      | -       |
| 1997  | -      | -      | -      | -      | -       | -      | -       |
| \$1,000, 2002   | -      | -      | -      | -      | -       | -      | -       |
| 1997  | -      | -      | -      | -      | -       | -      | -       |
| Vegetables, melons, potatoes, and sweet potatoes .....      |        |        |        |        |         |        |         |
| farms, 2002   | 2      | 24     | 85     | 21     | 155     | 39     | 29      |
| 1997  | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002   | (D)    | 130    | 8,804  | 244    | 24,580  | 3,799  | 1,436   |
| 1997  | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Fruits, tree nuts, and berries .....                        |        |        |        |        |         |        |         |
| farms, 2002   | 5      | 22     | 23     | 39     | 390     | 12     | 14      |
| 1997  | 3      | 11     | 15     | 45     | 529     | 13     | 13      |
| \$1,000, 2002   | (D)    | (D)    | 122    | 2,175  | 20,568  | 123    | 102     |
| 1997  | (D)    | (D)    | (D)    | 3,558  | 31,026  | 207    | 108     |
| Nursery, greenhouse, floriculture, and sod (see text) ..... |        |        |        |        |         |        |         |
| farms, 2002   | 3      | 9      | 26     | 10     | 116     | 13     | 28      |
| 1997  | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002   | (D)    | 1,224  | 3,610  | 444    | 17,124  | 2,202  | 5,643   |
| 1997  | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Cut Christmas trees and short-rotation woody crops .....    |        |        |        |        |         |        |         |
| farms, 2002   | -      | 2      | 7      | 9      | 21      | 5      | 12      |
| 1997  | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002   | -      | 52     | 214    | 75     | (NA)    | 18     | 108     |
| 1997  | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |

-continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass   | Charlevoix | Cheboygan | Chippewa | Clare  | Clinton | Crawford |
|---|--------|------------|-----------|----------|--------|---------|----------|
| Total sales (see text) .....                                |        |            |           |          |        |         |          |
| farms, 2002   | 808    | 299        | 268       | 372      | 414    | 1,179   | 47       |
| 1997  | 804    | 230        | 249       | 376      | 421    | 1,286   | 35       |
| \$1,000, 2002   | 64,272 | 3,991      | 6,596     | 5,790    | 11,560 | 98,660  | 149      |
| 1997  | 68,919 | 4,328      | 6,094     | 7,547    | 13,091 | 93,468  | 131      |
| Average per farm .....                                      |        |            |           |          |        |         |          |
| dollars, 2002   | 79,545 | 13,349     | 24,612    | 15,566   | 27,922 | 83,681  | 3,161    |
| 1997  | 85,720 | 18,818     | 24,473    | 20,071   | 31,096 | 72,682  | 3,740    |
| 2002 value of sales:  |        |            |           |          |        |         |          |
| Less than \$1,000 (see text) .....                          |        |            |           |          |        |         |          |
| farms   | 256    | 120        | 94        | 116      | 148    | 338     | 23       |
| \$1,000   | 22     | 16         | 15        | 14       | 9      | 25      | (D)      |
| \$1,000 to \$2,499 .....                                    |        |            |           |          |        |         |          |
| farms   | 98     | 44         | 40        | 35       | 65     | 104     | 11       |
| \$1,000   | 159    | 75         | (D)       | (D)      | 107    | 166     | 20       |
| \$2,500 to \$4,999 .....                                    |        |            |           |          |        |         |          |
| farms   | 78     | 42         | 30        | 54       | 33     | 113     | 4        |
| \$1,000   | 272    | 153        | 95        | 185      | 114    | 420     | (D)      |
| \$5,000 to \$9,999 .....                                    |        |            |           |          |        |         |          |
| farms   | 67     | 37         | 26        | 45       | 41     | 116     | 5        |
| \$1,000   | 493    | 267        | 184       | 316      | (D)    | 822     | 40       |
| \$10,000 to \$19,999 .....                                  |        |            |           |          |        |         |          |
| farms   | 52     | 26         | 27        | 34       | 41     | 121     | 3        |
| \$1,000   | 749    | 366        | 394       | 464      | 569    | 1,740   | 42       |
| \$20,000 to \$24,999 .....                                  |        |            |           |          |        |         |          |
| farms   | 27     | 3          | 9         | 14       | 10     | 38      | -        |
| \$1,000   | 603    | 63         | 198       | 307      | 226    | 826     | -        |
| \$25,000 to \$39,999 .....                                  |        |            |           |          |        |         |          |
| farms   | 41     | 6          | 4         | 28       | 19     | 78      | 1        |
| \$1,000   | 1,215  | 199        | 123       | 855      | 585    | 2,463   | (D)      |
| \$40,000 to \$49,999 .....                                  |        |            |           |          |        |         |          |
| farms   | 19     | 3          | 10        | 12       | 10     | 22      | -        |
| \$1,000   | 860    | 136        | 462       | 541      | 440    | 990     | -        |
| \$50,000 to \$99,999 .....                                  |        |            |           |          |        |         |          |
| farms   | 59     | 8          | 10        | 25       | 17     | 91      | -        |
| \$1,000   | 4,202  | 552        | 632       | 1,732    | 1,282  | 6,188   | -        |
| \$100,000 to \$249,999 .....                                |        |            |           |          |        |         |          |
| farms   | 44     | 7          | 15        | 8        | 21     | 75      | -        |
| \$1,000   | 7,542  | 915        | 2,446     | 1,000    | 3,225  | 12,338  | -        |
| \$250,000 to \$499,999 .....                                |        |            |           |          |        |         |          |
| farms   | 36     | 3          | 1         | 1        | 1      | 46      | -        |
| \$1,000   | 12,498 | 1,248      | (D)       | (D)      | 2,632  | 15,524  | -        |
| \$500,000 or more .....                                     |        |            |           |          |        |         |          |
| farms   | 31     | -          | 2         | -        | 1      | 37      | -        |
| \$1,000   | 35,656 | -          | (D)       | -        | (D)    | 57,159  | -        |
| 1997 value of sales:  |        |            |           |          |        |         |          |
| Less than \$1,000 (see text) .....                          |        |            |           |          |        |         |          |
| farms   | 135    | 75         | 54        | 73       | 88     | 225     | 14       |
| \$1,000   | 19     | (D)        | 13        | 17       | (D)    | 27      | 3        |
| \$1,000 to \$2,499 .....                                    |        |            |           |          |        |         |          |
| farms   | 88     | 36         | 49        | 56       | 85     | 105     | 11       |
| \$1,000   | 146    | 60         | 77        | 89       | 138    | 165     | 17       |
| \$2,500 to \$4,999 .....                                    |        |            |           |          |        |         |          |
| farms   | 94     | 33         | 37        | 63       | 42     | 112     | 2        |
| \$1,000   | 333    | 123        | 126       | 230      | 159    | 399     | (D)      |
| \$5,000 to \$9,999 .....                                    |        |            |           |          |        |         |          |
| farms   | 82     | 26         | 46        | 61       | 61     | 181     | 3        |
| \$1,000   | 604    | 178        | 329       | 433      | 437    | 1,296   | 25       |
| \$10,000 to \$19,999 .....                                  |        |            |           |          |        |         |          |
| farms   | 101    | 18         | 28        | 45       | 38     | 194     | 4        |
| \$1,000   | 1,437  | 254        | 421       | 590      | 536    | 2,833   | 59       |
| \$20,000 to \$24,999 .....                                  |        |            |           |          |        |         |          |
| farms   | 16     | 9          | 2         | 9        | 11     | 56      | 1        |
| \$1,000   | 367    | 209        | (D)       | 197      | 239    | 1,242   | (D)      |
| \$25,000 to \$39,999 .....                                  |        |            |           |          |        |         |          |
| farms   | 55     | 11         | 6         | 22       | 28     | 89      | -        |
| \$1,000   | 1,780  | 346        | 181       | 699      | 889    | 2,816   | -        |
| \$40,000 to \$49,999 .....                                  |        |            |           |          |        |         |          |
| farms   | 22     | 1          | 4         | 8        | 11     | 50      | -        |
| \$1,000   | 975    | (D)        | 167       | 374      | 476    | 2,225   | -        |
| \$50,000 to \$99,999 .....                                  |        |            |           |          |        |         |          |
| farms   | 65     | 11         | 4         | 20       | 31     | 97      | -        |
| \$1,000   | 4,448  | 772        | 284       | 1,482    | 2,185  | 6,954   | -        |
| \$100,000 to \$249,999 .....                                |        |            |           |          |        |         |          |
| farms   | 78     | 7          | 14        | 16       | 16     | 96      | -        |
| \$1,000   | 12,760 | 1,210      | 1,971     | 2,375    | 2,603  | 15,343  | -        |
| \$250,000 to \$499,999 .....                                |        |            |           |          |        |         |          |
| farms   | 38     | 3          | 3         | 3        | 8      | 45      | -        |
| \$1,000   | 13,033 | 1,125      | 1,088     | 1,060    | 2,555  | 14,820  | -        |
| \$500,000 or more .....                                     |        |            |           |          |        |         |          |
| farms   | 30     | -          | 2         | -        | 2      | 36      | -        |
| \$1,000   | 33,017 | -          | (D)       | -        | (D)    | 45,349  | -        |
| Value of sales by commodity or commodity group:             |        |            |           |          |        |         |          |
| Crops, including nursery and greenhouse .....               |        |            |           |          |        |         |          |
| farms, 2002   | 466    | 152        | 145       | 205      | 164    | 746     | 13       |
| 1997  | 571    | 108        | 150       | 219      | 201    | 951     | 13       |
| \$1,000, 2002   | 38,188 | 1,839      | 2,852     | 2,614    | 2,082  | 41,459  | (D)      |
| 1997  | 32,793 | 1,774      | 1,272     | 2,935    | 1,783  | 42,798  | 40       |
| Grains, oilseeds, dry beans, and dry peas .....             |        |            |           |          |        |         |          |
| farms, 2002   | 293    | 39         | 16        | 30       | 50     | 577     | 1        |
| 1997  | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002   | 22,322 | 346        | 81        | 53       | 448    | 32,734  | (D)      |
| 1997  | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Tobacco .....   |        |            |           |          |        |         |          |
| farms, 2002   | -      | -          | -         | -        | -      | -       | -        |
| 1997  | -      | -          | -         | -        | -      | -       | -        |
| \$1,000, 2002   | -      | -          | -         | -        | -      | -       | -        |
| 1997  | -      | -          | -         | -        | -      | -       | -        |
| Cotton and cottonseed .....                                 |        |            |           |          |        |         |          |
| farms, 2002   | -      | -          | -         | -        | -      | -       | -        |
| 1997  | -      | -          | -         | -        | -      | -       | -        |
| \$1,000, 2002   | -      | -          | -         | -        | -      | -       | -        |
| 1997  | -      | -          | -         | -        | -      | -       | -        |
| Vegetables, melons, potatoes, and sweet potatoes .....      |        |            |           |          |        |         |          |
| farms, 2002   | 28     | 8          | 18        | 5        | 6      | 30      | 1        |
| 1997  | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (D)      |
| \$1,000, 2002   | 6,934  | 201        | 98        | 295      | 36     | 1,288   | (NA)     |
| 1997  | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Fruits, tree nuts, and berries .....                        |        |            |           |          |        |         |          |
| farms, 2002   | 36     | 21         | 6         | 5        | 16     | 19      | 3        |
| 1997  | 35     | 8          | 3         | 6        | 4      | 23      | 1        |
| \$1,000, 2002   | 4,826  | 202        | 21        | 45       | 83     | 480     | (D)      |
| 1997  | 3,533  | 396        | (D)       | (D)      | (D)    | 824     | (D)      |
| Nursery, greenhouse, floriculture, and sod (see text) ..... |        |            |           |          |        |         |          |
| farms, 2002   | 34     | 9          | 14        | 6        | 2      | 37      | 2        |
| 1997  | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (D)      |
| \$1,000, 2002   | 2,625  | 351        | 837       | 92       | (D)    | 4,051   | (D)      |
| 1997  | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Cut Christmas trees and short-rotation woody crops .....    |        |            |           |          |        |         |          |
| farms, 2002   | 9      | 4          | 20        | 10       | 3      | 22      | 1        |
| 1997  | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (D)      |
| \$1,000, 2002   | 157    | 6          | 523       | 68       | 26     | 209     | (NA)     |
| 1997  | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |

-continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Delta  | Dickinson | Eaton  | Emmet  | Genesee | Gladwin | Gogebic |
|---|--------|-----------|--------|--------|---------|---------|---------|
| Total sales (see text) .....                                |        |           |        |        |         |         |         |
| farms, 2002   | 273    | 146       | 1,221  | 274    | 1,051   | 534     | 49      |
| 1997  | 289    | 134       | 1,247  | 248    | 967     | 501     | 62      |
| \$1,000, 2002   | 10,219 | 3,767     | 53,034 | 5,867  | 29,432  | 8,315   | 201     |
| 1997  | 8,283  | 3,795     | 56,987 | 5,666  | 29,374  | 10,001  | 336     |
| Average per farm .....                                      |        |           |        |        |         |         |         |
| dollars, 2002   | 37,433 | 25,798    | 43,435 | 21,412 | 28,004  | 15,572  | 4,093   |
| 1997  | 28,660 | 28,324    | 45,699 | 22,848 | 30,377  | 19,962  | 5,420   |
| 2002 value of sales:  |        |           |        |        |         |         |         |
| Less than \$1,000 (see text) .....                          |        |           |        |        |         |         |         |
| farms   | 85     | 45        | 413    | 78     | 410     | 216     | 21      |
| \$1,000   | 11     | 6         | 40     | 10     | 33      | 18      | (D)     |
| \$1,000 to \$2,499 .....                                    |        |           |        |        |         |         |         |
| farms   | 31     | 31        | 106    | 45     | 155     | 56      | 10      |
| \$1,000   | 53     | 53        | 185    | 77     | 253     | 93      | 18      |
| \$2,500 to \$4,999 .....                                    |        |           |        |        |         |         |         |
| farms   | 31     | 16        | 114    | 32     | 134     | 57      | 7       |
| \$1,000   | 104    | 59        | 405    | 124    | 484     | 198     | 21      |
| \$5,000 to \$9,999 .....                                    |        |           |        |        |         |         |         |
| farms   | 32     | 15        | 137    | 40     | 84      | 51      | 4       |
| \$1,000   | 235    | 103       | 976    | 289    | 593     | 372     | 27      |
| \$10,000 to \$19,999 .....                                  |        |           |        |        |         |         |         |
| farms   | 21     | 5         | 103    | 29     | 70      | 59      | 5       |
| \$1,000   | 289    | 72        | 1,417  | 425    | 961     | 847     | 78      |
| \$20,000 to \$24,999 .....                                  |        |           |        |        |         |         |         |
| farms   | 6      | 6         | 41     | 5      | 19      | 14      | 1       |
| \$1,000   | 133    | 133       | 907    | 106    | 409     | 314     | (D)     |
| \$25,000 to \$39,999 .....                                  |        |           |        |        |         |         |         |
| farms   | 16     | 6         | 67     | 13     | 46      | 33      | 1       |
| \$1,000   | (D)    | 171       | 2,078  | 420    | 1,531   | 1,017   | (D)     |
| \$40,000 to \$49,999 .....                                  |        |           |        |        |         |         |         |
| farms   | 2      | 5         | 35     | 4      | 15      | 12      | -       |
| \$1,000   | (D)    | 224       | 1,526  | 188    | 655     | 535     | -       |
| \$50,000 to \$99,999 .....                                  |        |           |        |        |         |         |         |
| farms   | 24     | 6         | 81     | 13     | 41      | 20      | -       |
| \$1,000   | 1,805  | 478       | 5,894  | 876    | 2,671   | 1,419   | -       |
| \$100,000 to \$249,999 .....                                |        |           |        |        |         |         |         |
| farms   | 13     | 7         | 73     | 11     | 45      | 12      | -       |
| \$1,000   | 2,065  | 979       | 11,610 | 1,457  | 6,912   | 2,189   | -       |
| \$250,000 to \$499,999 .....                                |        |           |        |        |         |         |         |
| farms   | 8      | 4         | 34     | 2      | 21      | 4       | -       |
| \$1,000   | 2,637  | 1,488     | 12,250 | (D)    | 7,440   | 1,312   | -       |
| \$500,000 or more .....                                     |        |           |        |        |         |         |         |
| farms   | 4      | -         | 17     | 2      | 11      | -       | -       |
| \$1,000   | 2,305  | -         | 15,746 | (D)    | 7,490   | -       | -       |
| 1997 value of sales:  |        |           |        |        |         |         |         |
| Less than \$1,000 (see text) .....                          |        |           |        |        |         |         |         |
| farms   | 45     | 26        | 304    | 57     | 254     | 127     | 20      |
| \$1,000   | 8      | 5         | 29     | (D)    | 34      | (D)     | (D)     |
| \$1,000 to \$2,499 .....                                    |        |           |        |        |         |         |         |
| farms   | 44     | 22        | 128    | 28     | 134     | 52      | 18      |
| \$1,000   | 70     | 32        | 218    | 53     | 223     | 84      | 31      |
| \$2,500 to \$4,999 .....                                    |        |           |        |        |         |         |         |
| farms   | 54     | 17        | 155    | 27     | 140     | 82      | 12      |
| \$1,000   | 194    | 66        | 563    | 92     | 502     | 294     | 44      |
| \$5,000 to \$9,999 .....                                    |        |           |        |        |         |         |         |
| farms   | 43     | 21        | 145    | 49     | 123     | 65      | 6       |
| \$1,000   | 311    | 151       | 1,051  | 348    | 847     | 481     | 46      |
| \$10,000 to \$19,999 .....                                  |        |           |        |        |         |         |         |
| farms   | 31     | 16        | 139    | 40     | 107     | 62      | 3       |
| \$1,000   | 416    | 227       | 1,977  | 565    | 1,481   | 910     | 38      |
| \$20,000 to \$24,999 .....                                  |        |           |        |        |         |         |         |
| farms   | 10     | 4         | 40     | 3      | 22      | 26      | -       |
| \$1,000   | 219    | 91        | 886    | 72     | 479     | 582     | -       |
| \$25,000 to \$39,999 .....                                  |        |           |        |        |         |         |         |
| farms   | 11     | 5         | 64     | 17     | 56      | 38      | 1       |
| \$1,000   | 359    | 153       | 2,015  | 522    | 1,746   | 1,214   | (D)     |
| \$40,000 to \$49,999 .....                                  |        |           |        |        |         |         |         |
| farms   | 3      | 3         | 35     | 4      | 26      | 12      | -       |
| \$1,000   | 134    | 135       | 1,627  | 179    | 1,134   | 524     | -       |
| \$50,000 to \$99,999 .....                                  |        |           |        |        |         |         |         |
| farms   | 28     | 9         | 98     | 10     | 41      | 18      | 2       |
| \$1,000   | 1,954  | 734       | 6,878  | 678    | 2,823   | 1,291   | (D)     |
| \$100,000 to \$249,999 .....                                |        |           |        |        |         |         |         |
| farms   | 13     | 8         | 84     | 8      | 38      | 14      | -       |
| \$1,000   | 2,066  | 1,295     | 13,187 | 1,301  | 5,992   | 2,366   | -       |
| \$250,000 to \$499,999 .....                                |        |           |        |        |         |         |         |
| farms   | 7      | 3         | 34     | 3      | 15      | 4       | -       |
| \$1,000   | 2,552  | 908       | 11,456 | 772    | 5,461   | 1,234   | -       |
| \$500,000 or more .....                                     |        |           |        |        |         |         |         |
| farms   | -      | -         | 21     | 2      | 11      | 1       | -       |
| \$1,000   | -      | -         | 17,100 | (D)    | 8,653   | (D)     | -       |
| Value of sales by commodity or commodity group:             |        |           |        |        |         |         |         |
| Crops, including nursery and greenhouse .....               |        |           |        |        |         |         |         |
| farms, 2002   | 144    | 69        | 658    | 148    | 507     | 238     | 24      |
| 1997  | 166    | 77        | 795    | 128    | 589     | 262     | 34      |
| \$1,000, 2002   | 4,827  | 1,648     | 40,397 | 2,851  | 21,667  | 4,873   | 157     |
| 1997  | 3,784  | 1,848     | 41,075 | 2,045  | 21,618  | 4,088   | 270     |
| Grains, oilseeds, dry beans, and dry peas .....             |        |           |        |        |         |         |         |
| farms, 2002   | 30     | 13        | 480    | 28     | 268     | 93      | -       |
| 1997  | (NA)   | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| \$1,000, 2002   | 677    | 111       | 31,469 | 150    | 13,213  | 2,355   | -       |
| 1997  | (NA)   | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| Tobacco .....   |        |           |        |        |         |         |         |
| farms, 2002   | -      | -         | -      | -      | -       | -       | -       |
| 1997  | -      | -         | -      | -      | -       | -       | -       |
| \$1,000, 2002   | -      | -         | -      | -      | -       | -       | -       |
| 1997  | -      | -         | -      | -      | -       | -       | -       |
| Cotton and cottonseed .....                                 |        |           |        |        |         |         |         |
| farms, 2002   | -      | -         | -      | -      | -       | -       | -       |
| 1997  | -      | -         | -      | -      | -       | -       | -       |
| \$1,000, 2002   | -      | -         | -      | -      | -       | -       | -       |
| 1997  | -      | -         | -      | -      | -       | -       | -       |
| Vegetables, melons, potatoes, and sweet potatoes .....      |        |           |        |        |         |         |         |
| farms, 2002   | 24     | 9         | 20     | 23     | 52      | 10      | -       |
| 1997  | (NA)   | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| \$1,000, 2002   | 1,499  | 710       | 4,739  | 388    | 1,608   | 139     | (NA)    |
| 1997  | (NA)   | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| Fruits, tree nuts, and berries .....                        |        |           |        |        |         |         |         |
| farms, 2002   | 17     | 1         | 19     | 6      | 24      | 5       | 1       |
| 1997  | 15     | 6         | 22     | 13     | 28      | 6       | -       |
| \$1,000, 2002   | 157    | (D)       | 144    | 39     | 646     | (D)     | (D)     |
| 1997  | 130    | (D)       | (D)    | 41     | 561     | (D)     | -       |
| Nursery, greenhouse, floriculture, and sod (see text) ..... |        |           |        |        |         |         |         |
| farms, 2002   | 13     | 4         | 29     | 14     | 56      | 7       | 5       |
| 1997  | (NA)   | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| \$1,000, 2002   | 824    | (D)       | 2,251  | 1,035  | 4,640   | 375     | 71      |
| 1997  | (NA)   | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| Cut Christmas trees and short-rotation woody crops .....    |        |           |        |        |         |         |         |
| farms, 2002   | 9      | 10        | 17     | 7      | 25      | 5       | 1       |
| 1997  | (NA)   | (NA)      | (NA)   | (NA)   | (NA)    | (D)     | (NA)    |
| \$1,000, 2002   | 275    | 213       | 140    | 24     | 127     | (D)     | (NA)    |
| 1997  | (NA)   | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |

-continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand<br>Traverse | Gratiot | Hillsdale | Houghton | Huron   | Ingham | Ionia   | Iosco  |
|---|-------------------|---------|-----------|----------|---------|--------|---------|--------|
| Total sales (see text) .....                                |                   |         |           |          |         |        |         |        |
| farms, 2002   | 489               | 1,018   | 1,509     | 158      | 1,189   | 1,018  | 1,146   | 285    |
| 1997  | 485               | 985     | 1,439     | 155      | 1,292   | 974    | 1,161   | 278    |
| \$1,000, 2002   | 11,366            | 114,726 | 78,914    | 2,821    | 210,519 | 51,346 | 113,074 | 12,987 |
| 1997  | 18,791            | 104,035 | 73,052    | 2,329    | 211,769 | 55,971 | 88,881  | 7,336  |
| Average per farm .....                                      |                   |         |           |          |         |        |         |        |
| dollars, 2002   | 23,243            | 112,697 | 52,296    | 17,853   | 177,056 | 50,438 | 98,668  | 45,570 |
| 1997  | 38,744            | 105,620 | 50,766    | 15,026   | 163,908 | 57,465 | 76,555  | 26,389 |
| 2002 value of sales:  |                   |         |           |          |         |        |         |        |
| Less than \$1,000 (see text) .....                          |                   |         |           |          |         |        |         |        |
| farms   | 162               | 289     | 708       | 60       | 322     | 340    | 368     | 108    |
| \$1,000   | 14                | 17      | 39        | 4        | 14      | 28     | 24      | 14     |
| \$1,000 to \$2,499  | 65                | 86      | 116       | 29       | 52      | 140    | 124     | 25     |
| \$2,500 to \$4,999  | 108               | 149     | 200       | 48       | 87      | 223    | 197     | 46     |
| \$5,000 to \$9,999  | 39                | 67      | 129       | 16       | 40      | 107    | 102     | 36     |
| \$10,000 to \$19,999  | 143               | 254     | 482       | 60       | 140     | 404    | 379     | 129    |
| \$50,000 to \$99,999  | 64                | 92      | 114       | 10       | 86      | 82     | 92      | 35     |
| \$1,000   | 444               | 665     | 799       | 75       | 609     | 575    | 642     | 256    |
| \$10,000 to \$19,999  | 44                | 113     | 120       | 23       | 66      | 83     | 110     | 25     |
| \$20,000 to \$24,999  | 666               | 1,587   | 1,725     | 325      | 934     | 1,150  | 1,573   | 374    |
| \$25,000 to \$39,999  | 17                | 22      | 24        | 2        | 43      | 26     | 45      | 9      |
| \$40,000 to \$49,999  | 382               | 502     | 537       | (D)      | 942     | 568    | 995     | 199    |
| \$50,000 or more  | 35                | 55      | 73        | 5        | 70      | 52     | 55      | 15     |
| \$1,000   | 1,114             | 1,731   | 2,299     | 149      | 2,247   | 1,638  | 1,730   | 479    |
| \$10,000 to \$19,999  | 11                | 26      | 36        | 2        | 33      | 23     | 25      | 2      |
| \$25,000 to \$39,999  | 486               | 1,135   | 1,644     | (D)      | 1,490   | 1,006  | 1,098   | (D)    |
| \$50,000 to \$99,999  | 28                | 69      | 65        | 5        | 107     | 48     | 57      | 7      |
| \$100,000 to \$249,999                                      | 1,955             | 4,793   | 4,672     | 282      | 7,809   | 3,418  | 4,051   | (D)    |
| \$250,000 to \$499,999                                      | 16                | 90      | 68        | 4        | 154     | 57     | 83      | 13     |
| \$500,000 or more   | 2,400             | 14,574  | 11,235    | 695      | 25,893  | 8,483  | 13,183  | 2,270  |
| \$1,000   | 5                 | 49      | 31        | 1        | 120     | 36     | 48      | 8      |
| \$1,000   | 1,709             | 17,153  | 10,644    | (D)      | 42,306  | 12,536 | 16,245  | 3,033  |
| \$1,000   | 3                 | 60      | 25        | 1        | 96      | 24     | 37      | 2      |
| \$1,000   | 1,945             | 72,167  | 44,639    | (D)      | 128,048 | 21,317 | 72,957  | (D)    |
| 1997 value of sales:  |                   |         |           |          |         |        |         |        |
| Less than \$1,000 (see text) .....                          |                   |         |           |          |         |        |         |        |
| farms   | 106               | 166     | 527       | 40       | 208     | 172    | 231     | 71     |
| \$1,000   | (D)               | 18      | 41        | 10       | 13      | 29     | 27      | (D)    |
| \$1,000 to \$2,499  | 54                | 78      | 126       | 26       | 48      | 126    | 119     | 47     |
| \$2,500 to \$4,999  | 84                | 132     | 204       | 46       | 72      | 200    | 201     | 76     |
| \$5,000 to \$9,999  | 48                | 79      | 114       | 27       | 55      | 98     | 106     | 32     |
| \$1,000   | 171               | 287     | 412       | 98       | 197     | 348    | 375     | 107    |
| \$1,000   | 66                | 113     | 125       | 22       | 95      | 158    | 147     | 40     |
| \$1,000   | 480               | 819     | 890       | 148      | 718     | 1,116  | 1,030   | 277    |
| \$10,000 to \$19,999  | 61                | 129     | 148       | 19       | 122     | 118    | 157     | 38     |
| \$20,000 to \$24,999  | 891               | 1,812   | 2,103     | 270      | 1,741   | 1,509  | 2,282   | 522    |
| \$25,000 to \$39,999  | 12                | 27      | 38        | 2        | 52      | 25     | 46      | 5      |
| \$40,000 to \$49,999  | 268               | 596     | 866       | (D)      | 1,173   | 554    | 1,028   | 112    |
| \$50,000 to \$99,999  | 27                | 71      | 89        | 6        | 103     | 56     | 74      | 12     |
| \$1,000   | 827               | 2,205   | 2,838     | 197      | 3,256   | 1,802  | 2,374   | 354    |
| \$100,000 to \$249,999                                      | 15                | 32      | 26        | 1        | 45      | 22     | 26      | 3      |
| \$250,000 to \$499,999                                      | 683               | 1,476   | 1,130     | (D)      | 1,966   | 968    | 1,158   | 135    |
| \$500,000 or more   | 46                | 70      | 93        | 8        | 166     | 67     | 80      | 11     |
| \$1,000   | 3,333             | 5,092   | 6,430     | 598      | 12,106  | 4,728  | 5,746   | 785    |
| \$1,000   | 35                | 101     | 84        | 3        | 200     | 65     | 93      | 11     |
| \$1,000   | 5,568             | 16,067  | 13,853    | 372      | 32,365  | 9,911  | 14,999  | 1,846  |
| \$250,000 to \$499,999                                      | 12                | 75      | 44        | 1        | 114     | 42     | 53      | 7      |
| \$500,000 or more   | 4,081             | 27,460  | 15,460    | (D)      | 39,442  | 14,124 | 18,977  | 2,395  |
| \$1,000   | 3                 | 44      | 25        | -        | 84      | 25     | 29      | 1      |
| \$1,000   | (D)               | 48,071  | 28,824    | -        | 118,722 | 20,594 | 40,685  | (D)    |
| Value of sales by commodity or commodity group:             |                   |         |           |          |         |        |         |        |
| Crops, including nursery and greenhouse .....               |                   |         |           |          |         |        |         |        |
| farms, 2002   | 287               | 646     | 679       | 75       | 728     | 547    | 621     | 135    |
| 1997  | 344               | 717     | 745       | 85       | 940     | 631    | 775     | 144    |
| \$1,000, 2002   | 7,553             | 64,445  | 40,884    | 1,366    | 108,721 | 34,561 | 36,223  | 2,628  |
| 1997  | 15,245            | 66,771  | 42,270    | 746      | 100,445 | 34,636 | 36,952  | 1,719  |
| Grains, oilseeds, dry beans, and dry peas .....             |                   |         |           |          |         |        |         |        |
| farms, 2002   | 72                | 544     | 517       | 13       | 680     | 323    | 459     | 57     |
| 1997  | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)    | (NA)   |
| \$1,000, 2002   | 1,059             | 44,928  | (D)       | 69       | 66,469  | 23,939 | 29,518  | 1,137  |
| 1997  | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)    | (NA)   |
| Tobacco .....   |                   |         |           |          |         |        |         |        |
| farms, 2002   | -                 | -       | -         | -        | -       | -      | -       | -      |
| 1997  | -                 | -       | -         | -        | -       | -      | -       | -      |
| \$1,000, 2002   | -                 | -       | -         | -        | -       | -      | -       | -      |
| 1997  | -                 | -       | -         | -        | -       | -      | -       | -      |
| Cotton and cottonseed .....                                 |                   |         |           |          |         |        |         |        |
| farms, 2002   | -                 | -       | -         | -        | -       | -      | -       | -      |
| 1997  | -                 | -       | -         | -        | -       | -      | -       | -      |
| \$1,000, 2002   | -                 | -       | -         | -        | -       | -      | -       | -      |
| 1997  | -                 | -       | -         | -        | -       | -      | -       | -      |
| Vegetables, melons, potatoes, and sweet potatoes .....      |                   |         |           |          |         |        |         |        |
| farms, 2002   | 30                | 36      | 14        | 13       | 18      | 29     | 19      | 10     |
| 1997  | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)    | (NA)   |
| \$1,000, 2002   | 818               | (D)     | 509       | (D)      | (D)     | 1,632  | (D)     | 26     |
| 1997  | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)    | (NA)   |
| Fruits, tree nuts, and berries .....                        |                   |         |           |          |         |        |         |        |
| farms, 2002   | 128               | 14      | 15        | 24       | 11      | 23     | 22      | 6      |
| 1997  | 153               | 19      | 8         | 17       | 10      | 15     | 40      | 9      |
| \$1,000, 2002   | 3,546             | 78      | 229       | 114      | (D)     | 531    | 950     | 14     |
| 1997  | 11,085            | (D)     | 521       | 117      | 90      | 488    | 2,683   | 76     |
| Nursery, greenhouse, floriculture, and sod (see text) ..... |                   |         |           |          |         |        |         |        |
| farms, 2002   | 23                | 17      | 9         | 4        | 10      | 50     | 23      | 5      |
| 1997  | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)    | (NA)   |
| \$1,000, 2002   | 769               | (D)     | (D)       | 57       | (D)     | 6,538  | (D)     | 639    |
| 1997  | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)    | (NA)   |
| Cut Christmas trees and short-rotation woody crops .....    |                   |         |           |          |         |        |         |        |
| farms, 2002   | 20                | 4       | 8         | 6        | 2       | 22     | 8       | 3      |
| 1997  | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)    | (NA)   |
| \$1,000, 2002   | 571               | 12      | 43        | (D)      | (D)     | 219    | 62      | 2      |
| 1997  | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)    | (NA)   |

--continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron   | Isabella | Jackson | Kalamazoo | Kalkaska | Kent    | Keweenaw | Lake   |
|---|--------|----------|---------|-----------|----------|---------|----------|--------|
| Total sales (see text) .....                                |        |          |         |           |          |         |          |        |
| farms, 2002   | 106    | 953      | 1,265   | 808       | 175      | 1,212   | 11       | 173    |
| 1997  | 103    | 1,038    | 1,165   | 809       | 162      | 1,343   | 8        | 153    |
| \$1,000, 2002   | 3,214  | 50,126   | 43,096  | 154,580   | 5,636    | 149,670 | (D)      | 2,117  |
| 1997  | 1,700  | 58,061   | 45,462  | 117,113   | 5,493    | 129,142 | 9        | 2,181  |
| Average per farm .....                                      |        |          |         |           |          |         |          |        |
| dollars, 2002   | 30,318 | 52,598   | 34,068  | 191,312   | 32,203   | 123,490 | (D)      | 12,235 |
| 1997  | 16,505 | 55,935   | 39,023  | 144,762   | 33,906   | 96,159  | 1,072    | 14,252 |
| 2002 value of sales:  |        |          |         |           |          |         |          |        |
| Less than \$1,000 (see text) .....                          |        |          |         |           |          |         |          |        |
| farms   | 31     | 274      | 474     | 203       | 76       | 393     | 8        | 90     |
| \$1,000   | 9      | 22       | 46      | 26        | 13       | 26      | -        | 11     |
| \$1,000 to \$2,499  | 18     | 78       | 157     | 93        | 23       | 164     | -        | 22     |
| \$1,000   | 30     | 128      | 256     | 156       | 38       | 272     | -        | 35     |
| \$2,500 to \$4,999  | 15     | 91       | 133     | 94        | 18       | 96      | 2        | 25     |
| \$1,000   | 52     | 328      | 475     | 325       | 59       | 335     | (D)      | 98     |
| \$5,000 to \$9,999  | 9      | 94       | 107     | 92        | 21       | 117     | -        | 9      |
| \$1,000   | 63     | 657      | 760     | 648       | 160      | 857     | -        | 67     |
| \$10,000 to \$19,999  | 13     | 111      | 140     | 55        | 13       | 97      | -        | 8      |
| \$1,000   | 170    | 1,604    | 2,005   | 748       | 169      | 1,373   | -        | 106    |
| \$20,000 to \$24,999  | 5      | 25       | 31      | 22        | 2        | 34      | 1        | 2      |
| \$1,000   | 103    | 558      | 673     | 498       | (D)      | 748     | (D)      | (D)    |
| \$25,000 to \$39,999  | 2      | 64       | 59      | 37        | 8        | 49      | -        | 7      |
| \$1,000   | (D)    | 2,048    | 1,821   | 1,172     | 253      | 1,436   | -        | 227    |
| \$40,000 to \$49,999  | 3      | 29       | 23      | 17        | 3        | 22      | -        | 2      |
| \$1,000   | 134    | 1,293    | 1,016   | 767       | 135      | 962     | -        | (D)    |
| \$50,000 to \$99,999  | 3      | 78       | 59      | 39        | 2        | 74      | -        | 4      |
| \$1,000   | 192    | 5,627    | 4,029   | 2,752     | (D)      | 5,198   | -        | 283    |
| \$100,000 to \$249,999                                      | 2      | 56       | 45      | 51        | 5        | 68      | -        | 1      |
| \$1,000   | (D)    | 8,358    | 6,930   | 8,433     | 740      | 10,731  | -        | (D)    |
| \$250,000 to \$499,999                                      | 2      | 31       | 19      | 36        | 1        | 47      | -        | 3      |
| \$1,000   | (D)    | 10,684   | 6,968   | 12,272    | (D)      | 15,416  | -        | 994    |
| \$500,000 or more   | 3      | 22       | 18      | 69        | 3        | 51      | -        | -      |
| \$1,000   | 1,519  | 18,819   | 18,116  | 126,784   | 3,610    | 112,316 | -        | -      |
| 1997 value of sales:  |        |          |         |           |          |         |          |        |
| Less than \$1,000 (see text) .....                          |        |          |         |           |          |         |          |        |
| farms   | 26     | 184      | 271     | 143       | 29       | 258     | 6        | 42     |
| \$1,000   | 5      | 24       | 29      | 22        | 10       | 34      | (D)      | 12     |
| \$1,000 to \$2,499  | 18     | 109      | 154     | 87        | 35       | 167     | -        | 31     |
| \$1,000   | 30     | 181      | 248     | 135       | 53       | 280     | -        | 51     |
| \$2,500 to \$4,999  | 17     | 124      | 136     | 83        | 36       | 175     | 2        | 25     |
| \$1,000   | 58     | 458      | 496     | 296       | 128      | 625     | (D)      | 92     |
| \$5,000 to \$9,999  | 15     | 120      | 159     | 88        | 18       | 146     | -        | 22     |
| \$1,000   | 104    | 864      | 1,138   | 626       | 132      | 1,021   | -        | 163    |
| \$10,000 to \$19,999  | 9      | 121      | 140     | 112       | 15       | 140     | -        | 15     |
| \$1,000   | 127    | 1,727    | 1,996   | 1,508     | 196      | 1,925   | -        | 209    |
| \$20,000 to \$24,999  | 1      | 39       | 38      | 19        | 3        | 44      | -        | 2      |
| \$1,000   | (D)    | 871      | 845     | 409       | 65       | 984     | -        | (D)    |
| \$25,000 to \$39,999  | 8      | 75       | 91      | 48        | 7        | 65      | -        | 5      |
| \$1,000   | 238    | 2,372    | 2,953   | 1,513     | 224      | 1,962   | -        | 164    |
| \$40,000 to \$49,999  | 1      | 36       | 35      | 12        | 2        | 22      | -        | 2      |
| \$1,000   | (D)    | 1,602    | 1,606   | 537       | (D)      | 957     | -        | (D)    |
| \$50,000 to \$99,999  | 5      | 86       | 49      | 46        | 7        | 95      | -        | 5      |
| \$1,000   | 356    | 6,355    | 3,343   | 3,353     | 450      | 6,639   | -        | 329    |
| \$100,000 to \$249,999                                      | 2      | 82       | 49      | 63        | 6        | 116     | -        | 3      |
| \$1,000   | (D)    | 12,642   | 7,523   | 10,097    | 1,095    | 17,395  | -        | 542    |
| \$250,000 to \$499,999                                      | 1      | 42       | 31      | 45        | 1        | 63      | -        | 1      |
| \$1,000   | (D)    | 14,758   | 10,875  | 15,464    | (D)      | 21,391  | -        | (D)    |
| \$500,000 or more   | -      | 20       | 12      | 63        | 3        | 52      | -        | -      |
| \$1,000   | -      | 16,208   | 14,410  | 83,154    | 2,771    | 75,928  | -        | -      |
| Value of sales by commodity or commodity group:             |        |          |         |           |          |         |          |        |
| Crops, including nursery and greenhouse .....               |        |          |         |           |          |         |          |        |
| farms, 2002   | 43     | 570      | 657     | 488       | 83       | 634     | 1        | 59     |
| 1997  | 50     | 651      | 729     | 581       | 111      | 881     | -        | 64     |
| \$1,000, 2002   | 2,719  | 24,280   | 21,195  | 109,007   | 4,915    | 112,943 | (D)      | 987    |
| 1997  | 1,124  | 27,959   | 24,862  | 79,338    | 4,204    | 99,657  | -        | 1,030  |
| Grains, oilseeds, dry beans, and dry peas .....             |        |          |         |           |          |         |          |        |
| farms, 2002   | 8      | 386      | 403     | 257       | 18       | 265     | -        | 8      |
| 1997  | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| \$1,000, 2002   | 73     | 18,162   | 14,778  | 20,309    | 324      | 13,798  | -        | 56     |
| 1997  | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| Tobacco .....   |        |          |         |           |          |         |          |        |
| farms, 2002   | -      | -        | -       | -         | -        | -       | -        | -      |
| 1997  | -      | -        | -       | -         | -        | -       | -        | -      |
| \$1,000, 2002   | -      | -        | -       | -         | -        | -       | -        | -      |
| 1997  | -      | -        | -       | -         | -        | -       | -        | -      |
| Cotton and cottonseed .....                                 |        |          |         |           |          |         |          |        |
| farms, 2002   | -      | -        | -       | -         | -        | -       | -        | -      |
| 1997  | -      | -        | -       | -         | -        | -       | -        | -      |
| \$1,000, 2002   | -      | -        | -       | -         | -        | -       | -        | -      |
| 1997  | -      | -        | -       | -         | -        | -       | -        | -      |
| Vegetables, melons, potatoes, and sweet potatoes .....      |        |          |         |           |          |         |          |        |
| farms, 2002   | 9      | 25       | 48      | 33        | 9        | 64      | -        | 2      |
| 1997  | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| \$1,000, 2002   | 2,339  | 1,530    | 1,358   | (D)       | 3,571    | 6,581   | (D)      | (D)    |
| 1997  | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| Fruits, tree nuts, and berries .....                        |        |          |         |           |          |         |          |        |
| farms, 2002   | 3      | 6        | 23      | 33        | 1        | 113     | -        | 1      |
| 1997  | 4      | 15       | 17      | 38        | 1        | 192     | -        | 2      |
| \$1,000, 2002   | (D)    | 104      | 271     | 912       | (D)      | 25,024  | -        | (D)    |
| 1997  | (D)    | 134      | 202     | (D)       | (D)      | 26,164  | -        | (D)    |
| Nursery, greenhouse, floriculture, and sod (see text) ..... |        |          |         |           |          |         |          |        |
| farms, 2002   | 1      | 17       | 45      | 95        | 10       | 85      | -        | 7      |
| 1997  | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| \$1,000, 2002   | (D)    | 503      | 2,453   | 85,385    | (D)      | 65,436  | -        | 459    |
| 1997  | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| Cut Christmas trees and short-rotation woody crops .....    |        |          |         |           |          |         |          |        |
| farms, 2002   | 1      | 10       | 22      | 18        | 26       | 12      | -        | 6      |
| 1997  | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| \$1,000, 2002   | (D)    | 78       | 176     | 90        | 569      | 208     | -        | (D)    |
| 1997  | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |

-continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Lapeer | Leelanau | Lenawee | Livingston | Luce   | Mackinac | Macomb | Manistee |
|------------------------------------|--------|----------|---------|------------|--------|----------|--------|----------|
| Total sales (see text) .....       |        |          |         |            |        |          |        |          |
| farms, 2002                        | 1,187  | 429      | 1,446   | 877        | 30     | 76       | 512    | 315      |
| 1997                               | 1,228  | 420      | 1,516   | 771        | 36     | 86       | 611    | 330      |
| \$1,000, 2002                      | 50,615 | 15,988   | 103,357 | 25,461     | 2,635  | 2,817    | 43,792 | 8,031    |
| 1997                               | 57,505 | 30,602   | 106,470 | 29,395     | 3,193  | 2,627    | 47,991 | 9,594    |
| Average per farm .....             |        |          |         |            |        |          |        |          |
| dollars, 2002                      | 42,641 | 37,268   | 71,478  | 29,032     | 87,848 | 37,062   | 85,532 | 25,494   |
| 1997                               | 46,828 | 72,863   | 70,231  | 38,126     | 88,696 | 30,545   | 78,545 | 29,072   |
| 2002 value of sales:               |        |          |         |            |        |          |        |          |
| Less than \$1,000 (see text) ..... |        |          |         |            |        |          |        |          |
| farms                              | 407    | 118      | 537     | 383        | 7      | 18       | 125    | 92       |
| \$1,000                            | 35     | 17       | 45      | 43         | (D)    | 2        | 10     | 15       |
| \$1,000 to \$2,499                 | 126    | 42       | 112     | 125        | 1      | 8        | 70     | 51       |
| \$2,500 to \$4,999                 | 206    | 72       | 187     | 211        | (D)    | 13       | 113    | 93       |
| \$5,000 to \$9,999                 | 108    | 35       | 118     | 66         | 5      | 13       | 39     | 29       |
| \$10,000 to \$19,999               | 395    | 125      | 433     | 225        | 18     | 47       | 143    | 110      |
| \$20,000 to \$24,999               | 128    | 56       | 105     | 77         | 2      | 12       | 62     | 54       |
| \$25,000 to \$39,999               | 906    | 410      | 769     | 548        | (D)    | 82       | 413    | 386      |
| \$30,000 to \$39,999               | 101    | 53       | 122     | 78         | 2      | 9        | 49     | 26       |
| \$40,000 to \$49,999               | 1,388  | 786      | 1,795   | 1,073      | (D)    | 114      | 677    | 343      |
| \$40,000 to \$49,999               | 42     | 17       | 40      | 20         | 1      | 3        | 12     | 4        |
| \$50,000 to \$99,999               | 929    | 387      | 886     | 439        | (D)    | 69       | 260    | 85       |
| \$100,000 to \$249,999             | 65     | 36       | 80      | 31         | 1      | 3        | 21     | 18       |
| \$250,000 to \$499,999             | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$500,000 or more                  | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1,000                            | 69     | 26       | 105     | 40         | 3      | 4        | 30     | 13       |
| \$100,000 to \$249,999             | 4,913  | 1,881    | 7,645   | 2,652      | 237    | 255      | 2,122  | 894      |
| \$250,000 to \$499,999             | 67     | 24       | 114     | 26         | 3      | 2        | 52     | 12       |
| \$500,000 or more                  | 10,895 | 3,586    | 19,694  | 3,940      | (D)    | (D)      | 7,883  | 1,904    |
| \$1,000                            | 2,063  | 1,115    | 2,502   | 917        | (D)    | 91       | 639    | 556      |
| \$1,000                            | 27     | 11       | 31      | 7          | 3      | 1        | 13     | 8        |
| \$1,000                            | 1,190  | 494      | 1,377   | 297        | 137    | (D)      | 570    | 359      |
| \$1                                |        |          |         |            |        |          |        |          |

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Marquette | Mason  | Mecosta | Menominee | Midland | Missaukee | Monroe | Montcalm |
|---|-----------|--------|---------|-----------|---------|-----------|--------|----------|
| Total sales (see text) .....                                |           |        |         |           |         |           |        |          |
| farms, 2002   | 160       | 478    | 794     | 372       | 510     | 412       | 1,183  | 1,139    |
| 1997  | 135       | 475    | 696     | 394       | 499     | 377       | 1,234  | 1,100    |
| \$1,000, 2002   | 3,697     | 24,955 | 30,604  | 21,190    | 21,740  | 39,545    | 92,243 | 106,312  |
| 1997  | 3,252     | 24,353 | 25,470  | 18,265    | 18,016  | 35,660    | 96,798 | 89,571   |
| Average per farm .....                                      |           |        |         |           |         |           |        |          |
| dollars, 2002   | 23,107    | 52,207 | 38,544  | 56,963    | 42,627  | 95,983    | 77,973 | 93,338   |
| 1997  | 24,091    | 51,268 | 36,595  | 46,358    | 36,104  | 94,589    | 78,442 | 81,428   |
| 2002 value of sales:  |           |        |         |           |         |           |        |          |
| Less than \$1,000 (see text) .....                          |           |        |         |           |         |           |        |          |
| farms   | 79        | 146    | 297     | 97        | 168     | 112       | 266    | 398      |
| \$1,000   | 10        | 16     | 24      | 11        | 12      | 17        | 25     | 40       |
| \$1,000 to \$2,499  | 26        | 53     | 76      | 47        | 61      | 48        | 146    | 128      |
| \$1,000   | 41        | 88     | 128     | 76        | 98      | 79        | 234    | 201      |
| \$2,500 to \$4,999  | 16        | 46     | 79      | 27        | 43      | 34        | 107    | 82       |
| \$1,000   | 53        | 164    | 296     | 93        | 156     | 129       | 366    | 303      |
| \$5,000 to \$9,999  | 17        | 45     | 77      | 43        | 51      | 36        | 127    | 126      |
| \$1,000   | 116       | 317    | 554     | 316       | 350     | 244       | 915    | 899      |
| \$10,000 to \$19,999  | 5         | 53     | 81      | 38        | 63      | 32        | 137    | 98       |
| \$1,000   | 70        | 774    | 1,191   | 544       | 924     | 460       | 1,997  | 1,368    |
| \$20,000 to \$24,999  | -         | 12     | 27      | 9         | 11      | 14        | 43     | 34       |
| \$1,000   | -         | 282    | 621     | 203       | 246     | 314       | 970    | 741      |
| \$25,000 to \$39,999  | 6         | 28     | 44      | 18        | 26      | 15        | 82     | 47       |
| \$1,000   | 201       | 835    | 1,394   | 566       | 823     | 499       | 2,602  | 1,485    |
| \$40,000 to \$49,999  | 1         | 12     | 21      | 5         | 11      | 11        | 27     | 14       |
| \$1,000   | (D)       | 533    | 930     | 216       | 495     | 488       | 1,198  | 628      |
| \$50,000 to \$99,999  | 1         | 31     | 48      | 30        | 32      | 33        | 100    | 68       |
| \$1,000   | (D)       | 2,211  | 3,260   | 2,172     | 2,211   | 2,308     | 7,222  | 4,983    |
| \$100,000 to \$249,999                                      | 4         | 26     | 24      | 34        | 28      | 34        | 93     | 64       |
| \$1,000   | 654       | 4,277  | 3,630   | 5,420     | 4,400   | 5,531     | 14,092 | 9,932    |
| \$250,000 to \$499,999                                      | 3         | 15     | 12      | 16        | 9       | 26        | 29     | 43       |
| \$1,000   | 1,019     | 5,133  | 3,921   | 5,248     | 3,432   | 9,513     | 9,687  | 15,089   |
| \$500,000 or more   | 2         | 11     | 8       | 8         | 7       | 17        | 26     | 37       |
| \$1,000   | (D)       | 10,324 | 14,656  | 6,324     | 8,593   | 19,964    | 52,935 | 70,641   |
| 1997 value of sales:  |           |        |         |           |         |           |        |          |
| Less than \$1,000 (see text) .....                          |           |        |         |           |         |           |        |          |
| farms   | 42        | 51     | 171     | 70        | 111     | 44        | 189    | 223      |
| \$1,000   | 6         | 9      | 28      | 12        | 25      | (D)       | 37     | 35       |
| \$1,000 to \$2,499  | 28        | 63     | 87      | 55        | 57      | 75        | 120    | 129      |
| \$1,000   | 43        | 101    | 145     | 86        | 93      | 120       | 196    | 215      |
| \$2,500 to \$4,999  | 15        | 62     | 106     | 45        | 66      | 38        | 109    | 128      |
| \$1,000   | 48        | 220    | 385     | 160       | 243     | 133       | 391    | 459      |
| \$5,000 to \$9,999  | 16        | 83     | 92      | 58        | 73      | 44        | 153    | 140      |
| \$1,000   | 111       | 582    | 656     | 429       | 525     | 291       | 1,099  | 987      |
| \$10,000 to \$19,999  | 17        | 59     | 73      | 47        | 71      | 30        | 174    | 119      |
| \$1,000   | 239       | 860    | 1,010   | 655       | 1,031   | 460       | 2,467  | 1,676    |
| \$20,000 to \$24,999  | 3         | 11     | 23      | 8         | 10      | 13        | 56     | 39       |
| \$1,000   | 69        | 248    | 506     | 181       | 225     | 285       | 1,238  | 870      |
| \$25,000 to \$39,999  | 5         | 29     | 31      | 15        | 28      | 16        | 99     | 73       |
| \$1,000   | (D)       | 923    | 994     | 450       | 905     | 500       | 3,183  | 2,344    |
| \$40,000 to \$49,999  | -         | 17     | 18      | 1         | 6       | 3         | 41     | 17       |
| \$1,000   | -         | 763    | 833     | (D)       | 269     | (D)       | 1,816  | 773      |
| \$50,000 to \$99,999  | 1         | 42     | 42      | 38        | 30      | 32        | 100    | 78       |
| \$1,000   | (D)       | 2,844  | 2,858   | 2,562     | 2,193   | 2,430     | 7,062  | 5,476    |
| \$100,000 to \$249,999                                      | 6         | 37     | 29      | 38        | 31      | 45        | 121    | 79       |
| \$1,000   | 913       | 6,061  | 4,432   | 5,917     | 4,554   | 7,824     | 19,013 | 12,610   |
| \$250,000 to \$499,999                                      | 1         | 11     | 16      | 17        | 8       | 16        | 43     | 37       |
| \$1,000   | (D)       | 3,802  | 4,873   | 6,527     | 2,902   | 6,022     | 14,664 | 13,639   |
| \$500,000 or more   | 1         | 10     | 8       | 2         | 8       | 21        | 29     | 38       |
| \$1,000   | (D)       | 7,939  | 8,751   | (D)       | 5,051   | 17,453    | 45,632 | 50,488   |
| Value of sales by commodity or commodity group:             |           |        |         |           |         |           |        |          |
| Crops, including nursery and greenhouse .....               |           |        |         |           |         |           |        |          |
| farms, 2002   | 53        | 285    | 382     | 189       | 270     | 220       | 826    | 607      |
| 1997  | 60        | 354    | 367     | 223       | 313     | 233       | 977    | 703      |
| \$1,000, 2002   | 1,807     | 16,546 | 13,412  | 3,060     | 14,406  | 10,712    | 86,148 | 72,654   |
| 1997  | 1,370     | 16,536 | 10,422  | 2,592     | 13,777  | 5,747     | 87,363 | 64,528   |
| Grains, oilseeds, dry beans, and dry peas .....             |           |        |         |           |         |           |        |          |
| farms, 2002   | 5         | 106    | 150     | 44        | 191     | 67        | 664    | 350      |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002   | (D)       | 2,705  | 3,192   | 355       | 10,436  | 1,248     | 34,827 | 20,804   |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Tobacco .....   |           |        |         |           |         |           |        |          |
| farms, 2002   | -         | -      | -       | -         | -       | -         | -      | -        |
| 1997  | -         | -      | -       | -         | -       | -         | -      | -        |
| \$1,000, 2002   | -         | -      | -       | -         | -       | -         | -      | -        |
| 1997  | -         | -      | -       | -         | -       | -         | -      | -        |
| Cotton and cottonseed .....                                 |           |        |         |           |         |           |        |          |
| farms, 2002   | -         | -      | -       | -         | -       | -         | -      | -        |
| 1997  | -         | -      | -       | -         | -       | -         | -      | -        |
| \$1,000, 2002   | -         | -      | -       | -         | -       | -         | -      | -        |
| 1997  | -         | -      | -       | -         | -       | -         | -      | -        |
| Vegetables, melons, potatoes, and sweet potatoes .....      |           |        |         |           |         |           |        |          |
| farms, 2002   | 11        | 64     | 56      | 5         | 19      | 4         | 77     | 60       |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002   | 1,006     | 5,496  | (D)     | 135       | 334     | 19        | 15,803 | 40,722   |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Fruits, tree nuts, and berries .....                        |           |        |         |           |         |           |        |          |
| farms, 2002   | 9         | 48     | 24      | 11        | 12      | 3         | 34     | 27       |
| 1997  | 6         | 62     | 13      | 5         | 4       | 5         | 29     | 23       |
| \$1,000, 2002   | 90        | 4,451  | 151     | 51        | 94      | 7         | 505    | 970      |
| 1997  | (D)       | 4,627  | (D)     | 24        | (D)     | 6         | 1,483  | 1,336    |
| Nursery, greenhouse, floriculture, and sod (see text) ..... |           |        |         |           |         |           |        |          |
| farms, 2002   | 6         | 17     | 8       | 5         | 12      | 15        | 79     | 33       |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002   | (D)       | 2,090  | 416     | 628       | 1,161   | 921       | 33,900 | 4,369    |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Cut Christmas trees and short-rotation woody crops .....    |           |        |         |           |         |           |        |          |
| farms, 2002   | 10        | 20     | 15      | 40        | 7       | 52        | 18     | 31       |
| 1997  | (NA)      | (D)    | 404     | 45        | (NA)    | 49        | 6,793  | 2,729    |
| \$1,000, 2002   | (D)       | (NA)   | (NA)    | 406       | (NA)    | (NA)      | 195    | (NA)     |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |

-continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency | Muskegon | Newaygo | Oakland | Oceana | Ogemaw | Ontonagon | Osceola |
|---|-------------|----------|---------|---------|--------|--------|-----------|---------|
| Total sales (see text) farms, 2002                                | 139         | 545      | 902     | 643     | 648    | 256    | 108       | 591     |
| 1997  | 124         | 493      | 787     | 677     | 649    | 299    | 103       | 578     |
| \$1,000, 2002   | 3,334       | 46,301   | 60,868  | 45,459  | 58,382 | 22,740 | 2,413     | 19,185  |
| 1997  | 3,392       | 45,676   | 49,476  | 34,205  | 51,190 | 22,284 | 2,263     | 19,501  |
| Average per farm dollars, 2002                                    | 23,987      | 84,955   | 67,481  | 70,699  | 90,096 | 88,830 | 22,343    | 32,461  |
| 1997  | 27,352      | 92,649   | 62,867  | 50,525  | 78,875 | 74,527 | 21,972    | 33,738  |
| 2002 value of sales:  |             |          |         |         |        |        |           |         |
| Less than \$1,000 (see text) farms                                | 35          | 223      | 324     | 298     | 157    | 60     | 43        | 214     |
| \$1,000   | 2           | 19       | 38      | 26      | 23     | 8      | 5         | 21      |
| \$1,000 to \$2,499 farms  | 26          | 71       | 122     | 95      | 69     | 26     | 15        | 81      |
| \$1,000   | (D)         | 109      | 200     | 157     | 116    | 46     | 25        | 140     |
| \$2,500 to \$4,999 farms  | 22          | 36       | 87      | 53      | 54     | 26     | 6         | 53      |
| \$1,000   | 78          | 122      | 310     | 192     | 186    | 99     | 20        | 190     |
| \$5,000 to \$9,999 farms  | 18          | 35       | 90      | 55      | 70     | 30     | 11        | 75      |
| \$1,000   | 127         | 225      | 640     | 402     | 507    | 225    | 71        | 537     |
| \$10,000 to \$19,999 farms  | 13          | 53       | 54      | 46      | 70     | 29     | 8         | 42      |
| \$1,000   | 172         | 730      | 734     | 648     | 986    | 416    | 115       | 629     |
| \$20,000 to \$24,999 farms  | 1           | 9        | 23      | 11      | 28     | 9      | 4         | 17      |
| \$1,000   | (D)         | 194      | 504     | 239     | 613    | 200    | 91        | 379     |
| \$25,000 to \$39,999 farms  | 5           | 26       | 41      | 28      | 35     | 21     | 7         | 23      |
| \$1,000   | 152         | 838      | 1,319   | 897     | 1,119  | (D)    | 240       | 741     |
| \$40,000 to \$49,999 farms  | 3           | 7        | 18      | 5       | 13     | 2      | 3         | 10      |
| \$1,000   | 132         | 311      | 787     | 217     | 584    | (D)    | 147       | 443     |
| \$50,000 to \$99,999 farms  | 7           | 18       | 42      | 19      | 55     | 9      | 6         | 30      |
| \$1,000   | 435         | 1,278    | 3,194   | 1,359   | 3,981  | 677    | (D)       | 2,089   |
| \$100,000 to \$249,999 farms                                      | 6           | 33       | 50      | 14      | 41     | 18     | 2         | 24      |
| \$1,000   | 946         | 5,084    | 7,717   | 2,291   | 6,211  | 3,076  | (D)       | 3,964   |
| \$250,000 to \$499,999 farms                                      | 3           | 16       | 21      | 6       | 29     | 16     | 3         | 18      |
| \$1,000   | 1,222       | 5,654    | 7,455   | 1,895   | 9,488  | 5,897  | 852       | 6,855   |
| \$500,000 or more farms   | -           | 18       | 30      | 13      | 27     | 10     | -         | 4       |
| \$1,000   | -           | 31,737   | 37,969  | 37,135  | 34,569 | 11,324 | -         | 3,196   |
| 1997 value of sales:  |             |          |         |         |        |        |           |         |
| Less than \$1,000 (see text) farms                                | 21          | 116      | 130     | 246     | 86     | 45     | 9         | 100     |
| \$1,000   | (D)         | 17       | 22      | 24      | 15     | (D)    | (D)       | 18      |
| \$1,000 to \$2,499 farms  | 17          | 73       | 109     | 80      | 72     | 32     | 17        | 103     |
| \$1,000   | 27          | 121      | 175     | 124     | 116    | 53     | 27        | 171     |
| \$2,500 to \$4,999 farms  | 23          | 56       | 99      | 70      | 70     | 34     | 22        | 96      |
| \$1,000   | 83          | 206      | 355     | 244     | 252    | 127    | 85        | 342     |
| \$5,000 to \$9,999 farms  | 18          | 57       | 103     | 81      | 79     | 39     | 26        | 88      |
| \$1,000   | 122         | 394      | 732     | 541     | 562    | 284    | 192       | 627     |
| \$10,000 to \$19,999 farms  | 15          | 45       | 99      | 63      | 80     | 48     | 9         | 61      |
| \$1,000   | 189         | 595      | 1,339   | 849     | 1,110  | 653    | 134       | 824     |
| \$20,000 to \$24,999 farms  | 3           | 18       | 27      | 16      | 23     | 14     | 4         | 14      |
| \$1,000   | 66          | 391      | 611     | 355     | 512    | 311    | 89        | 308     |
| \$25,000 to \$39,999 farms  | 9           | 19       | 35      | 29      | 43     | 17     | 7         | 25      |
| \$1,000   | 292         | 576      | 1,127   | 910     | 1,353  | 540    | 212       | 766     |
| \$40,000 to \$49,999 farms  | 1           | 13       | 18      | 12      | 22     | 2      | -         | 9       |
| \$1,000   | (D)         | 584      | 797     | 535     | 975    | (D)    | -         | 416     |
| \$50,000 to \$99,999 farms  | 8           | 23       | 61      | 29      | 65     | 18     | 4         | 28      |
| \$1,000   | 600         | 1,618    | 4,144   | 2,029   | 4,414  | 1,302  | 316       | 2,014   |
| \$100,000 to \$249,999 farms                                      | 6           | 33       | 54      | 30      | 61     | 23     | 3         | 33      |
| \$1,000   | 753         | 5,204    | 8,513   | 4,549   | 10,030 | 3,807  | 467       | 5,233   |
| \$250,000 to \$499,999 farms                                      | 2           | 21       | 25      | 6       | 23     | 20     | 2         | 16      |
| \$1,000   | (D)         | 7,190    | 8,653   | 1,985   | 8,146  | 6,939  | (D)       | 5,273   |
| \$500,000 or more farms   | 1           | 19       | 27      | 15      | 25     | 7      | -         | 5       |
| \$1,000   | (D)         | 28,781   | 23,008  | 22,062  | 23,704 | 8,175  | -         | 3,510   |
| Value of sales by commodity or commodity group:                   |             |          |         |         |        |        |           |         |
| Crops, including nursery and greenhouse farms, 2002               | 64          | 263      | 439     | 227     | 447    | 118    | 51        | 254     |
| 1997  | 57          | 316      | 461     | 314     | 494    | 152    | 50        | 285     |
| \$1,000, 2002   | 1,153       | 29,525   | 20,763  | 41,509  | 39,765 | 4,131  | 490       | 4,596   |
| 1997  | 1,263       | 25,116   | 20,864  | 31,511  | 38,639 | 3,054  | 584       | 3,577   |
| Grains, oilseeds, dry beans, and dry peas farms, 2002             | 17          | 101      | 214     | 44      | 133    | 53     | 11        | 58      |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| \$1,000, 2002   | 792         | 2,951    | 3,977   | 1,301   | 2,242  | 1,973  | 66        | 481     |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Tobacco farms, 2002   | -           | -        | -       | -       | -      | -      | -         | -       |
| 1997  | -           | -        | -       | -       | -      | -      | -         | -       |
| \$1,000, 2002   | -           | -        | -       | -       | -      | -      | -         | -       |
| 1997  | -           | -        | -       | -       | -      | -      | -         | -       |
| Cotton and cottonseed farms, 2002                                 | -           | -        | -       | -       | -      | -      | -         | -       |
| 1997  | -           | -        | -       | -       | -      | -      | -         | -       |
| \$1,000, 2002   | -           | -        | -       | -       | -      | -      | -         | -       |
| 1997  | -           | -        | -       | -       | -      | -      | -         | -       |
| Vegetables, melons, potatoes, and sweet potatoes farms, 2002      | 4           | 29       | 50      | 34      | 179    | 5      | 1         | 7       |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| \$1,000, 2002   | 21          | 5,048    | 8,183   | 929     | 20,725 | (D)    | (D)       | (D)     |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Fruits, tree nuts, and berries farms, 2002                        | 5           | 42       | 31      | 15      | 128    | 4      | 2         | 4       |
| 1997  | 2           | 54       | 40      | 26      | 142    | 2      | -         | 5       |
| \$1,000, 2002   | (D)         | 9,812    | 3,627   | 797     | 11,862 | (D)    | (D)       | 20      |
| 1997  | (D)         | 6,704    | 3,083   | 1,182   | 15,395 | (D)    | -         | 8       |
| Nursery, greenhouse, floriculture, and sod (see text) farms, 2002 | 2           | 33       | 21      | 70      | 15     | 5      | -         | 5       |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| \$1,000, 2002   | 10,369      | 2,731    | 37,737  | (NA)    | (D)    | 131    | -         | (D)     |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Cut Christmas trees and short-rotation woody crops farms, 2002    | 3           | 18       | 18      | 28      | 45     | 2      | -         | 21      |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| \$1,000, 2002   | 1           | 114      | 480     | 162     | 2,934  | (D)    | -         | 779     |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |

--continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda        | Otsego  | Ottawa  | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
|---|---------------|---------|---------|--------------|-----------|---------|-----------|------------|
| Total sales (see text) .....                                |               |         |         |              |           |         |           |            |
| farms, 2002   | 123           | 170     | 1,291   | 303          | 46        | 1,359   | 1,260     | 907        |
| 1997  | 96            | 160     | 1,497   | 337          | 45        | 1,320   | 1,120     | 916        |
| \$1,000, 2002   | 3,441         | 4,736   | 277,503 | 11,304       | (D)       | 91,232  | 40,206    | 93,660     |
| 1997  | 2,041         | 3,775   | 312,354 | 13,316       | 554       | 87,781  | 40,473    | 84,781     |
| Average per farm .....                                      | dollars, 2002 | 27,973  | 27,856  | 214,952      | 37,308    | (D)     | 67,131    | 31,909     |
|   | 1997          | 21,262  | 23,594  | 208,653      | 39,513    | 12,304  | 66,501    | 36,137     |
| 2002 value of sales:  |               |         |         |              |           |         |           |            |
| Less than \$1,000 (see text) .....                          | farms         | 33      | 55      | 276          | 103       | 23      | 325       | 491        |
|   | \$1,000       | 2       | 4       | 28           | 18        | 4       | 20        | 46         |
| \$1,000 to \$2,499 .....                                    | farms         | 20      | 13      | 137          | 32        | 3       | 116       | 152        |
|   | \$1,000       | 32      | 21      | 227          | 55        | 6       | 195       | 255        |
| \$2,500 to \$4,999 .....                                    | farms         | 8       | 17      | 95           | 27        | 7       | 118       | 98         |
|   | \$1,000       | 25      | 54      | 350          | 105       | 26      | 434       | 352        |
| \$5,000 to \$9,999 .....                                    | farms         | 8       | 33      | 143          | 36        | 1       | 136       | 116        |
|   | \$1,000       | 58      | (D)     | 1,036        | 280       | (D)     | 992       | 823        |
| \$10,000 to \$19,999 .....                                  | farms         | 10      | 17      | 127          | 42        | 7       | 174       | 124        |
|   | \$1,000       | 135     | 229     | 1,823        | 619       | 116     | 2,467     | 1,727      |
| \$20,000 to \$24,999 .....                                  | farms         | 3       | 5       | 40           | 8         | 1       | 47        | 30         |
|   | \$1,000       | 60      | 118     | 872          | 175       | (D)     | 1,043     | 660        |
| \$25,000 to \$39,999 .....                                  | farms         | 10      | 10      | 71           | 15        | 1       | 99        | 59         |
|   | \$1,000       | 320     | 302     | 2,243        | 507       | (D)     | 3,108     | 1,886      |
| \$40,000 to \$49,999 .....                                  | farms         | 5       | -       | 32           | 7         | -       | 30        | 26         |
|   | \$1,000       | 219     | -       | 1,409        | 309       | -       | 1,335     | 1,437      |
| \$50,000 to \$99,999 .....                                  | farms         | 18      | 10      | 82           | 10        | 2       | 116       | 67         |
|   | \$1,000       | 1,281   | 727     | 5,741        | 790       | (D)     | 8,133     | 4,767      |
| \$100,000 to \$249,999 .....                                | farms         | 8       | 7       | 118          | 12        | -       | 95        | 58         |
|   | \$1,000       | 1,309   | 1,231   | 18,514       | 1,730     | -       | 15,747    | 9,184      |
| \$250,000 to \$499,999 .....                                | farms         | -       | 1       | 72           | 6         | 1       | 70        | 22         |
|   | \$1,000       | -       | (D)     | 25,917       | 2,090     | (D)     | 23,638    | 7,120      |
| \$500,000 or more .....                                     | farms         | -       | 2       | 98           | 5         | -       | 33        | 11         |
|   | \$1,000       | -       | (D)     | 219,341      | 4,627     | -       | 34,120    | 11,950     |
| 1997 value of sales:  |               |         |         |              |           |         |           |            |
| Less than \$1,000 (see text) .....                          | farms         | 21      | 40      | 192          | 51        | 10      | 147       | 232        |
|   | \$1,000       | (D)     | 3       | 38           | 13        | (D)     | 21        | 38         |
| \$1,000 to \$2,499 .....                                    | farms         | 8       | 24      | 145          | 49        | 10      | 103       | 138        |
|   | \$1,000       | 14      | 39      | 233          | 86        | 17      | 164       | 220        |
| \$2,500 to \$4,999 .....                                    | farms         | 13      | 19      | 163          | 56        | 6       | 135       | 138        |
|   | \$1,000       | 45      | 72      | 584          | 211       | 23      | 493       | 500        |
| \$5,000 to \$9,999 .....                                    | farms         | 15      | 35      | 176          | 56        | 3       | 142       | 165        |
|   | \$1,000       | 113     | 256     | 1,253        | 392       | 23      | 1,025     | 1,189      |
| \$10,000 to \$19,999 .....                                  | farms         | 15      | 15      | 146          | 26        | 6       | 190       | 147        |
|   | \$1,000       | 216     | 208     | 2,071        | 381       | 92      | 2,710     | 2,096      |
| \$20,000 to \$24,999 .....                                  | farms         | 1       | 3       | 51           | 14        | 2       | 71        | 25         |
|   | \$1,000       | (D)     | 67      | 1,126        | 312       | (D)     | 1,562     | 558        |
| \$25,000 to \$39,999 .....                                  | farms         | 5       | 9       | 80           | 22        | 4       | 133       | 75         |
|   | \$1,000       | 180     | 289     | 2,527        | 690       | 126     | 4,173     | 2,264      |
| \$40,000 to \$49,999 .....                                  | farms         | 4       | 1       | 50           | 9         | 2       | 56        | 33         |
|   | \$1,000       | 184     | (D)     | 2,167        | 400       | (D)     | 2,499     | 1,442      |
| \$50,000 to \$99,999 .....                                  | farms         | 11      | 4       | 126          | 19        | 2       | 130       | 82         |
|   | \$1,000       | 856     | 287     | 8,949        | 1,338     | (D)     | 8,917     | 5,894      |
| \$100,000 to \$249,999 .....                                | farms         | 3       | 8       | 161          | 23        | -       | 122       | 60         |
|   | \$1,000       | 402     | 1,220   | 25,018       | 3,598     | -       | 18,452    | 8,961      |
| \$250,000 to \$499,999 .....                                | farms         | -       | 1       | 100          | 8         | -       | 61        | 16         |
|   | \$1,000       | -       | (D)     | 34,504       | 2,700     | -       | 21,369    | 5,388      |
| \$500,000 or more .....                                     | farms         | -       | 1       | 107          | 4         | -       | 30        | 10         |
|   | \$1,000       | -       | (D)     | 233,884      | 3,195     | -       | 26,394    | 11,923     |
| Value of sales by commodity or commodity group:             |               |         |         |              |           |         |           |            |
| Crops, including nursery and greenhouse .....               | farms, 2002   | 43      | 88      | 821          | 169       | 19      | 956       | 688        |
|   | 1997          | 46      | 89      | 1,051        | 203       | 25      | 1,103     | 770        |
| \$1,000, 2002   | 336           | 3,437   | 164,805 | 7,366        | 450       | 80,473  | 31,380    | 76,068     |
|   | 1997          | 381     | 2,533   | 170,400      | 8,073     | 412     | 78,363    | 31,722     |
| Grains, oilseeds, dry beans, and dry peas .....             | farms, 2002   | 9       | 32      | 334          | 62        | 1       | 793       | 428        |
|   | 1997          | (NA)    | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002   | 27            | 283     | 14,814  | (D)          | (D)       | 52,184  | 19,938    | 41,770     |
|   | 1997          | (NA)    | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Tobacco .....   | farms, 2002   | -       | -       | -            | -         | -       | -         | -          |
|   | 1997          | -       | -       | -            | -         | -       | -         | -          |
| \$1,000, 2002   | -             | -       | -       | -            | -         | -       | -         | -          |
|   | 1997          | -       | -       | -            | -         | -       | -         | -          |
| Cotton and cottonseed .....                                 | farms, 2002   | -       | -       | -            | -         | -       | -         | -          |
|   | 1997          | -       | -       | -            | -         | -       | -         | -          |
| \$1,000, 2002   | -             | -       | -       | -            | -         | -       | -         | -          |
|   | 1997          | -       | -       | -            | -         | -       | -         | -          |
| Vegetables, melons, potatoes, and sweet potatoes .....      | farms, 2002   | 1       | 16      | 113          | 26        | 2       | 62        | 45         |
|   | 1997          | (NA)    | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002   | 1,583         | 10,080  | 4,361   | (NA)         | (NA)      | 6,768   | 1,837     | 23,187     |
|   | 1997          | (NA)    | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Fruits, tree nuts, and berries .....                        | farms, 2002   | 7       | 2       | 161          | 11        | 2       | 37        | 24         |
|   | 1997          | 2       | 2       | 210          | 5         | 3       | 43        | 14         |
| \$1,000, 2002   | 12            | (D)     | 25,139  | 58           | (D)       | 371     | 297       | 134        |
|   | 1997          | (D)     | (D)     | 35,244       | 9         | (D)     | 493       | 187        |
| Nursery, greenhouse, floriculture, and sod (see text) ..... | farms, 2002   | 1       | 7       | 194          | 3         | 4       | 35        | 54         |
|   | 1997          | (NA)    | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002   | 285           | 112,979 | (D)     | (D)          | (D)       | 8,524   | 6,929     | 9,458      |
|   | 1997          | (NA)    | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Cut Christmas trees and short-rotation woody crops .....    | farms, 2002   | 1       | 7       | 35           | 5         | 1       | 25        | 11         |
|   | 1997          | (NA)    | (D)     | (NA)         | (D)       | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002   | (NA)          | (NA)    | (NA)    | (NA)         | (NA)      | 236     | 156       | 48         |
|   | 1997          | (NA)    | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |

-continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne  | Wexford |
|---|---------|-------------|------------|---------|-----------|-----------|--------|---------|
| Total sales (see text) .....                                |         |             |            |         |           |           |        |         |
| farms, 2002   | 1,595   | 51          | 1,037      | 1,292   | 1,160     | 1,325     | 319    | 395     |
| 1997  | 1,634   | 51          | 1,063      | 1,301   | 1,217     | 1,203     | 362    | 298     |
| \$1,000, 2002   | 136,893 | 1,520       | 44,494     | 93,797  | 96,724    | 54,618    | 27,559 | 9,520   |
| 1997  | 133,984 | 1,243       | 46,922     | 106,455 | 104,868   | 57,869    | 29,820 | 8,990   |
| Average per farm .....                                      |         |             |            |         |           |           |        |         |
| dollars, 2002   | 85,826  | 29,809      | 42,906     | 72,599  | 83,382    | 41,221    | 86,390 | 24,101  |
| 1997  | 81,998  | 24,371      | 44,141     | 81,825  | 86,169    | 48,104    | 82,376 | 30,167  |
| 2002 value of sales:  |         |             |            |         |           |           |        |         |
| Less than \$1,000 (see text) .....                          |         |             |            |         |           |           |        |         |
| farms   | 477     | 11          | 240        | 409     | 333       | 471       | 113    | 157     |
| \$1,000   | 28      | (D)         | 31         | 33      | 26        | 39        | 7      | 17      |
| \$1,000 to \$2,499  | 114     | 8           | 132        | 100     | 130       | 163       | 38     | 63      |
| \$1,000   | 183     | 15          | 216        | 161     | 216       | 254       | 59     | 113     |
| \$2,500 to \$4,999  | 98      | 4           | 113        | 94      | 100       | 113       | 25     | 33      |
| \$1,000   | 354     | 14          | 402        | 358     | 360       | 393       | 83     | 117     |
| \$5,000 to \$9,999  | 99      | 7           | 113        | 117     | 111       | 114       | 28     | 37      |
| \$1,000   | 688     | 49          | 804        | 829     | 811       | 821       | 192    | 261     |
| \$10,000 to \$19,999  | 113     | 9           | 112        | 110     | 105       | 154       | 36     | 32      |
| \$1,000   | 1,617   | 129         | 1,651      | 1,571   | 1,466     | 2,153     | 493    | 443     |
| \$20,000 to \$24,999  | 63      | 2           | 32         | 33      | 35        | 43        | 7      | 18      |
| \$1,000   | 1,413   | (D)         | 703        | 733     | 792       | 941       | 152    | 378     |
| \$25,000 to \$39,999  | 114     | 4           | 68         | 87      | 82        | 60        | 10     | 13      |
| \$1,000   | 3,617   | 120         | 2,125      | 2,768   | 2,653     | 1,862     | 314    | 393     |
| \$40,000 to \$49,999  | 34      | 1           | 39         | 24      | 30        | 27        | 6      | 10      |
| \$1,000   | 1,505   | (D)         | 1,695      | 1,034   | 1,331     | 1,186     | 285    | 450     |
| \$50,000 to \$99,999  | 153     | -           | 73         | 94      | 95        | 57        | 18     | 14      |
| \$1,000   | 10,617  | -           | 5,160      | 6,612   | 6,542     | 3,911     | 1,231  | 1,029   |
| \$100,000 to \$249,999                                      | 161     | 3           | 71         | 115     | 60        | 78        | 18     | 8       |
| \$1,000   | 25,602  | 381         | 10,417     | 18,946  | 9,045     | 11,631    | 3,262  | 1,008   |
| \$250,000 to \$499,999                                      | 115     | 2           | 29         | 66      | 34        | 31        | 8      | 7       |
| \$1,000   | 39,672  | (D)         | 9,854      | 23,811  | 11,385    | 10,756    | 2,916  | 2,437   |
| \$500,000 or more   | 54      | -           | 15         | 43      | 45        | 14        | 12     | 3       |
| \$1,000   | 51,597  | -           | 11,436     | 36,940  | 62,095    | 20,672    | 18,564 | 2,875   |
| 1997 value of sales:  |         |             |            |         |           |           |        |         |
| Less than \$1,000 (see text) .....                          |         |             |            |         |           |           |        |         |
| farms   | 297     | 6           | 159        | 232     | 212       | 246       | 105    | 74      |
| \$1,000   | 31      | (D)         | 36         | 33      | 41        | 29        | 11     | 14      |
| \$1,000 to \$2,499  | 103     | 8           | 91         | 131     | 117       | 118       | 47     | 54      |
| \$1,000   | 174     | 14          | 148        | 215     | 185       | 188       | 80     | 85      |
| \$2,500 to \$4,999  | 130     | 8           | 139        | 127     | 129       | 135       | 23     | 37      |
| \$1,000   | 490     | 25          | 501        | 474     | 434       | 486       | 87     | 136     |
| \$5,000 to \$9,999  | 177     | 9           | 130        | 130     | 170       | 181       | 34     | 47      |
| \$1,000   | 1,251   | 63          | 923        | 936     | 1,192     | 1,238     | 224    | 333     |
| \$10,000 to \$19,999  | 152     | 8           | 148        | 126     | 135       | 162       | 37     | 28      |
| \$1,000   | 2,124   | 113         | 2,220      | 1,878   | 1,946     | 2,338     | 520    | 383     |
| \$20,000 to \$24,999  | 62      | -           | 40         | 55      | 40        | 33        | 11     | 10      |
| \$1,000   | 1,374   | -           | 896        | 1,220   | 880       | 724       | 243    | 224     |
| \$25,000 to \$39,999  | 144     | 3           | 96         | 99      | 91        | 75        | 23     | 5       |
| \$1,000   | 4,605   | 105         | 3,062      | 3,168   | 2,814     | 2,374     | 728    | 151     |
| \$40,000 to \$49,999  | 57      | 1           | 45         | 37      | 42        | 37        | 12     | 6       |
| \$1,000   | 2,513   | (D)         | 2,026      | 1,657   | 1,836     | 1,615     | 541    | 271     |
| \$50,000 to \$99,999  | 172     | 5           | 85         | 104     | 90        | 80        | 23     | 18      |
| \$1,000   | 12,526  | 303         | 5,764      | 7,247   | 6,693     | 5,455     | 1,711  | 1,282   |
| \$100,000 to \$249,999                                      | 188     | 2           | 91         | 150     | 101       | 84        | 22     | 12      |
| \$1,000   | 30,202  | (D)         | 13,370     | 24,134  | 15,057    | 13,080    | 3,733  | 1,949   |
| \$250,000 to \$499,999                                      | 107     | 1           | 31         | 66      | 50        | 34        | 12     | 4       |
| \$1,000   | 37,588  | (D)         | 10,577     | 22,953  | 16,956    | 11,495    | 4,090  | 1,341   |
| \$500,000 or more   | 45      | -           | 8          | 44      | 40        | 18        | 13     | 3       |
| \$1,000   | 41,106  | -           | 7,399      | 42,539  | 56,834    | 18,848    | 17,852 | 2,820   |
| Value of sales by commodity or commodity group:             |         |             |            |         |           |           |        |         |
| Crops, including nursery and greenhouse .....               |         |             |            |         |           |           |        |         |
| farms, 2002   | 927     | 29          | 697        | 767     | 745       | 718       | 153    | 190     |
| 1997  | 1,071   | 25          | 812        | 880     | 921       | 819       | 212    | 181     |
| \$1,000, 2002   | 76,898  | 835         | 32,277     | 72,801  | 84,835    | 37,458    | 26,955 | 6,369   |
| 1997  | 76,127  | 588         | 34,229     | 86,037  | 91,511    | 35,799    | 28,753 | 5,676   |
| Grains, oilseeds, dry beans, and dry peas .....             |         |             |            |         |           |           |        |         |
| farms, 2002   | 738     | 8           | 548        | 573     | 204       | 426       | 66     | 42      |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| \$1,000, 2002   | 54,164  | 179         | 28,370     | 49,881  | 12,710    | 16,692    | 1,512  | 268     |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Tobacco .....   |         |             |            |         |           |           |        |         |
| farms, 2002   | -       | -           | -          | -       | -         | -         | -      | -       |
| 1997  | -       | -           | -          | -       | -         | -         | -      | -       |
| \$1,000, 2002   | -       | -           | -          | -       | -         | -         | -      | -       |
| 1997  | -       | -           | -          | -       | -         | -         | -      | -       |
| Cotton and cottonseed .....                                 |         |             |            |         |           |           |        |         |
| farms, 2002   | -       | -           | -          | -       | -         | -         | -      | -       |
| 1997  | -       | -           | -          | -       | -         | -         | -      | -       |
| \$1,000, 2002   | -       | -           | -          | -       | -         | -         | -      | -       |
| 1997  | -       | -           | -          | -       | -         | -         | -      | -       |
| Vegetables, melons, potatoes, and sweet potatoes .....      |         |             |            |         |           |           |        |         |
| farms, 2002   | 36      | 9           | 20         | 58      | 93        | 71        | 44     | 14      |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| \$1,000, 2002   | 984     | 369         | 183        | 4,430   | 16,259    | 5,417     | 2,846  | 351     |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Fruits, tree nuts, and berries .....                        |         |             |            |         |           |           |        |         |
| farms, 2002   | 24      | 5           | 14         | 15      | 346       | 42        | 12     | 9       |
| 1997  | 20      | 8           | 16         | 18      | 456       | 29        | 11     | 4       |
| \$1,000, 2002   | 262     | (D)         | 206        | 252     | 34,503    | 576       | 277    | 39      |
| 1997  | 816     | 26          | 252        | 322     | 44,482    | (D)       | 93     | (D)     |
| Nursery, greenhouse, floriculture, and sod (see text) ..... |         |             |            |         |           |           |        |         |
| farms, 2002   | 21      | 1           | 20         | 25      | 67        | 76        | 56     | 13      |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| \$1,000, 2002   | 3,797   | (D)         | 1,897      | 835     | 19,272    | 12,910    | 22,135 | 536     |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Cut Christmas trees and short-rotation woody crops .....    |         |             |            |         |           |           |        |         |
| farms, 2002   | 8       | 1           | 6          | 6       | 26        | 14        | 4      | 43      |
| 1997  | (NA)    | (D)         | (NA)       | (NA)    | (NA)      | (NA)      | (D)    | (NA)    |
| \$1,000, 2002   | 58      | (NA)        | 21         | 106     | 1,024     | 140       | (NA)   | 4,252   |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |

--continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan  | Alcona | Alger | Allegan | Alpena | Antrim | Arenac |
|--|-----------|--------|-------|---------|--------|--------|--------|
| Total sales (see text) - Con.  |           |        |       |         |        |        |        |
| Value of sales by commodity or commodity group - Con.  |           |        |       |         |        |        |        |
| Crops, including nursery and greenhouse - Con.   |           |        |       |         |        |        |        |
| Other crops and hay (see text) ..... farms, 2002   | 12,504    | 93     | 29    | 326     | 183    | 106    | 99     |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| \$1,000, 2002  | 208,618   | 1,394  | 319   | 2,133   | 1,461  | 701    | (D)    |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| Livestock, poultry, and their products ..... farms, 2002   | 18,203    | 92     | 33    | 546     | 219    | 110    | 94     |
| 1997   | 22,421    | 143    | 37    | 740     | 286    | 129    | 102    |
| \$1,000, 2002  | 1,409,807 | 2,805  | 1,010 | 117,698 | 8,362  | 4,786  | 6,164  |
| 1997   | 1,380,183 | 3,562  | 1,283 | 113,105 | 7,218  | 4,793  | 6,660  |
| Poultry and eggs ..... farms, 2002   | 2,206     | 13     | 5     | 69      | 33     | 28     | 10     |
| 1997   | 1,736     | 7      | 3     | 58      | 26     | 19     | 4      |
| \$1,000, 2002  | 146,700   | 8      | 2     | 32,471  | 15     | 336    | 2      |
| 1997   | 169,246   | 5      | (D)   | 32,257  | 55     | 677    | (D)    |
| Cattle and calves ..... farms, 2002  | 11,293    | 70     | 20    | 315     | 167    | 58     | 62     |
| 1997   | 16,330    | 115    | 27    | 496     | 239    | 85     | 79     |
| \$1,000, 2002  | 298,517   | 1,317  | 272   | 9,522   | 2,230  | 1,356  | 1,036  |
| 1997   | 284,374   | 1,601  | 334   | 8,262   | 1,832  | 1,289  | 1,056  |
| Milk and other dairy products from cows ..... farms, 2002  | 2,738     | 10     | 8     | 96      | 39     | 9      | 23     |
| 1997   | 3,832     | 13     | 8     | 141     | 44     | 14     | 28     |
| \$1,000, 2002  | 697,920   | 1,345  | 713   | 37,223  | 5,985  | 1,555  | 4,937  |
| 1997   | 646,771   | 1,612  | 877   | 37,046  | 5,113  | 1,839  | 5,408  |
| Hogs and pigs ..... farms, 2002  | 2,336     | 7      | 3     | 98      | 12     | 9      | 9      |
| 1997   | 3,029     | 9      | 2     | 135     | 26     | 8      | 10     |
| \$1,000, 2002  | 200,027   | 13     | (D)   | 37,184  | 11     | (D)    | 112    |
| 1997   | 227,452   | 69     | (D)   | 34,109  | 87     | (D)    | 156    |
| Sheep, goats, and their products ..... farms, 2002   | 2,307     | 11     | 5     | 65      | 15     | 15     | 8      |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| \$1,000, 2002  | 6,613     | (D)    | (D)   | (D)     | 5      | 21     | 9      |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 3,286     | 10     | 5     | 101     | 35     | 18     | 7      |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| \$1,000, 2002  | 23,743    | 35     | 8     | 740     | 114    | 87     | 34     |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| Aquaculture ..... farms, 2002  | 83        | 1      | -     | 2       | -      | 3      | 3      |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| \$1,000, 2002  | 3,316     | (D)    | -     | (D)     | -      | (D)    | 1      |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| Other animals and other animal products (see text) ..... farms, 2002   | 1,152     | 4      | 1     | 27      | 6      | 10     | 12     |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| \$1,000, 2002  | 32,972    | (D)    | (D)   | 470     | 1      | 274    | 34     |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 4,925     | 26     | 13    | 155     | 61     | 51     | 21     |
| 1997   | 4,988     | 18     | 15    | 159     | 61     | 55     | 21     |
| \$1,000, 2002  | 37,269    | 121    | 124   | 1,843   | 277    | 578    | 34     |
| 1997   | 30,464    | 49     | 59    | 930     | 102    | 452    | 94     |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | 283       | 2      | -     | 9       | 4      | 4      | 3      |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (D)    | (D)    |
| \$1,000, 2002  | 7,019     | (D)    | -     | 194     | 2      | (NA)   | (NA)   |
| 1997   | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Baraga | Barry  | Bay    | Benzie | Berrien | Branch | Calhoun |
|--|--------|--------|--------|--------|---------|--------|---------|
| Total sales (see text) - Con.  |        |        |        |        |         |        |         |
| Value of sales by commodity or commodity group - Con.  |        |        |        |        |         |        |         |
| Crops, including nursery and greenhouse - Con.   |        |        |        |        |         |        |         |
| Other crops and hay (see text) ..... farms, 2002   | 30     | 258    | 237    | 54     | 131     | 154    | 224     |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002  | 289    | 2,107  | 12,527 | 191    | 737     | 839    | 1,328   |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Livestock, poultry, and their products ..... farms, 2002   | 20     | 393    | 122    | 58     | 224     | 333    | 424     |
| 1997   | 28     | 496    | 140    | 69     | 279     | 460    | 558     |
| \$1,000, 2002  | 473    | 28,756 | 4,806  | 879    | 12,138  | 25,616 | 28,273  |
| 1997   | 577    | 33,681 | 4,356  | 1,944  | 9,478   | 32,691 | 26,313  |
| Poultry and eggs ..... farms, 2002   | 4      | 37     | 18     | 9      | 28      | 22     | 40      |
| 1997   | 2      | 29     | 14     | 9      | 25      | 23     | 41      |
| \$1,000, 2002  | 3      | 2,526  | 24     | 19     | 27      | (D)    | 19      |
| 1997   | (D)    | 3,230  | (D)    | 17     | 13      | (D)    | 41      |
| Cattle and calves ..... farms, 2002  | 17     | 266    | 67     | 26     | 100     | 226    | 251     |
| 1997   | 24     | 356    | 97     | 46     | 150     | 346    | 395     |
| \$1,000, 2002  | (D)    | 4,237  | 796    | 531    | 982     | 4,260  | 7,025   |
| 1997   | 155    | 4,524  | 1,189  | 721    | 866     | 10,524 | 6,040   |
| Milk and other dairy products from cows ..... farms, 2002  | 2      | 38     | 15     | -      | 14      | 43     | 46      |
| 1997   | 8      | 55     | 17     | 2      | 13      | 70     | 78      |
| \$1,000, 2002  | (D)    | 19,179 | 3,470  | -      | 3,925   | 5,628  | 9,640   |
| 1997   | 414    | 21,165 | 2,646  | (D)    | 2,781   | 8,598  | 10,898  |
| Hogs and pigs ..... farms, 2002  | 1      | 35     | 18     | 7      | 43      | 76     | 57      |
| 1997   | 1      | 55     | 13     | 9      | 67      | 122    | 101     |
| \$1,000, 2002  | (D)    | 2,219  | 27     | (D)    | 6,616   | 14,546 | 11,172  |
| 1997   | (D)    | 3,738  | 199    | 164    | 5,220   | 12,269 | 8,922   |
| Sheep, goats, and their products ..... farms, 2002   | 1      | 44     | 11     | 6      | 27      | (D)    | 82      |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | 98      |
| \$1,000, 2002  | (D)    | (D)    | 14     | 7      | 37      | (D)    | (NA)    |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 2      | 76     | 20     | 9      | 52      | 47     | 80      |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002  | (D)    | 442    | 43     | 18     | 255     | 446    | 263     |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Aquaculture ..... farms, 2002  | -      | 2      | -      | 1      | -       | -      | -       |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002  | -      | (D)    | -      | (D)    | (D)     | -      | -       |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Other animals and other animal products (see text) ..... farms, 2002   | -      | 14     | 16     | 8      | 23      | 18     | 23      |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002  | -      | 81     | 431    | (D)    | 295     | 140    | 56      |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 7      | 86     | 70     | 32     | 171     | 52     | 91      |
| 1997   | 2      | 73     | 67     | 24     | 246     | 71     | 71      |
| \$1,000, 2002  | 34     | 405    | 1,125  | 106    | 2,343   | 380    | 435     |
| 1997   | (D)    | 290    | 1,354  | 93     | 1,773   | 207    | 251     |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | 1      | 6      | 1      | 1      | 4       | 2      | 7       |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002  | (D)    | 34     | (D)    | (D)    | 53      | (D)    | (NA)    |
| 1997   | (NA)   | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | 193     |

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Cass   | Charlevoix | Cheboygan | Chippewa | Clare  | Clinton | Crawford |
|--|--------|------------|-----------|----------|--------|---------|----------|
| Total sales (see text) - Con.  |        |            |           |          |        |         |          |
| Value of sales by commodity or commodity group - Con.  |        |            |           |          |        |         |          |
| Crops, including nursery and greenhouse - Con.   |        |            |           |          |        |         |          |
| Other crops and hay (see text) ..... farms, 2002   | 201    | 112        | 104       | 182      | 120    | 204     | 7        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 1,325  | 732        | 1,291     | 2,061    | (D)    | 2,697   | 15       |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Livestock, poultry, and their products ..... farms, 2002   | 285    | 106        | 105       | 157      | 192    | 372     | 20       |
| 1997   | 360    | 117        | 126       | 205      | 260    | 510     | 17       |
| \$1,000, 2002  | 26,084 | 2,153      | 3,744     | 3,177    | 9,478  | 57,202  | (D)      |
| 1997   | 36,126 | 2,555      | 4,821     | 4,612    | 11,308 | 50,670  | 91       |
| Poultry and eggs ..... farms, 2002   | 28     | 13         | 17        | 12       | 19     | 32      | 7        |
| 1997   | 22     | 11         | 12        | 9        | 18     | 22      | 3        |
| \$1,000, 2002  | 184    | 5          | 7         | (D)      | 13     | (D)     | 5        |
| 1997   | (D)    | 11         | 4         | 2        | 9      | 17      | (D)      |
| Cattle and calves ..... farms, 2002  | 130    | 68         | 75        | 111      | 138    | 263     | 5        |
| 1997   | 204    | 89         | 102       | 183      | 207    | 394     | 5        |
| \$1,000, 2002  | 2,104  | 566        | 1,017     | 1,606    | 3,598  | 9,193   | 32       |
| 1997   | 2,001  | 608        | 905       | 2,110    | 3,455  | 8,281   | 54       |
| Milk and other dairy products from cows ..... farms, 2002  | 18     | 9          | 6         | 18       | 42     | 82      | -        |
| 1997   | 24     | 12         | 16        | 32       | 61     | 114     | -        |
| \$1,000, 2002  | 1,514  | 1,436      | 2,303     | 1,197    | 5,160  | 45,693  | -        |
| 1997   | 2,166  | 1,764      | 3,288     | 2,114    | 6,700  | 37,927  | -        |
| Hogs and pigs ..... farms, 2002  | 72     | 10         | 14        | 14       | 14     | 43      | 2        |
| 1997   | 126    | 6          | 7         | 13       | 29     | 61      | 1        |
| \$1,000, 2002  | 21,470 | 7          | 10        | 46       | 30     | 1,869   | (D)      |
| 1997   | 31,497 | 4          | 13        | 116      | 836    | 3,917   | (D)      |
| Sheep, goats, and their products ..... farms, 2002   | 41     | 16         | 12        | 19       | 16     | 36      | 5        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 425    | 34         | 26        | 87       | 16     | 168     | 1        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 54     | 15         | 10        | 24       | 47     | 42      | 3        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 331    | 35         | 21        | 83       | 525    | 170     | 22       |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Aquaculture ..... farms, 2002  | 4      | -          | -         | 2        | 2      | 1       | -        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 10     | -          | -         | (D)      | (D)    | (D)     | -        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Other animals and other animal products (see text) ..... farms, 2002   | 18     | 6          | 11        | 14       | 9      | 15      | 6        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 46     | 71         | 361       | 108      | (D)    | (D)     | 29       |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 69     | 47         | 33        | 28       | 40     | 85      | 10       |
| 1997   | 73     | 23         | 21        | 32       | 32     | 86      | 6        |
| \$1,000, 2002  | 466    | 237        | 66        | 72       | 125    | 656     | 15       |
| 1997   | 277    | 100        | 50        | 66       | 29     | 369     | 7        |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | 6      | 1          | 1         | (NA)     | (NA)   | 8       | -        |
| 1997   | (NA)   | (D)        | (D)       | (NA)     | (D)    | (NA)    | (NA)     |
| \$1,000, 2002  | (D)    | (NA)       | (NA)      | (NA)     | (NA)   | 92      | -        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Delta | Dickinson | Eaton  | Emmet | Genesee | Gladwin | Gogebic |
|--|-------|-----------|--------|-------|---------|---------|---------|
| Total sales (see text) - Con.  |       |           |        |       |         |         |         |
| Value of sales by commodity or commodity group - Con.  |       |           |        |       |         |         |         |
| Crops, including nursery and greenhouse - Con.   |       |           |        |       |         |         |         |
| Other crops and hay (see text) ..... farms, 2002   | 96    | 47        | 227    | 108   | 195     | 175     | 17      |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| \$1,000, 2002  | 1,396 | 254       | 1,654  | 1,215 | 1,433   | 1,978   | (D)     |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| Livestock, poultry, and their products ..... farms, 2002   | 125   | 70        | 423    | 130   | 336     | 217     | 18      |
| 1997   | 165   | 63        | 509    | 149   | 367     | 294     | 28      |
| \$1,000, 2002  | 5,392 | 2,118     | 12,636 | 3,016 | 7,765   | 3,442   | 43      |
| 1997   | 4,499 | 1,947     | 15,912 | 3,621 | 7,756   | 5,912   | 66      |
| Poultry and eggs ..... farms, 2002   | 16    | 8         | 47     | 19    | 50      | 35      | 2       |
| 1997   | 15    | 6         | 36     | 17    | 40      | 41      | 2       |
| \$1,000, 2002  | 6     | 3         | 73     | 28    | (D)     | (D)     | (D)     |
| 1997   | 8     | 3         | 97     | 4     | 140     | 130     | (D)     |
| Cattle and calves ..... farms, 2002  | 98    | 44        | 260    | 82    | 146     | 156     | 11      |
| 1997   | 135   | 51        | 375    | 117   | 198     | 252     | 20      |
| \$1,000, 2002  | 1,416 | 301       | 4,856  | 1,016 | 2,357   | 1,198   | (D)     |
| 1997   | 1,050 | 307       | 6,037  | 1,031 | 2,226   | 1,577   | 50      |
| Milk and other dairy products from cows ..... farms, 2002  | 23    | 12        | 41     | 10    | 12      | 46      | -       |
| 1997   | 33    | 9         | 54     | 14    | 21      | 77      | -       |
| \$1,000, 2002  | 3,153 | 1,671     | 4,096  | 1,625 | 3,326   | 1,631   | -       |
| 1997   | 3,211 | 1,112     | 5,584  | 2,354 | 3,776   | 3,160   | -       |
| Hogs and pigs ..... farms, 2002  | 9     | 15        | 46     | 14    | 37      | 43      | 3       |
| 1997   | 13    | 7         | 61     | 8     | 50      | 68      | 2       |
| \$1,000, 2002  | 82    | 36        | 2,756  | (D)   | 401     | 286     | 4       |
| 1997   | 55    | (D)       | 3,400  | 101   | 488     | 681     | (D)     |
| Sheep, goats, and their products ..... farms, 2002   | 5     | 6         | 44     | 14    | 52      | 18      | 2       |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| \$1,000, 2002  | 1     | 2         | 81     | 3     | 81      | (D)     | (D)     |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 9     | 10        | 95     | 19    | 102     | 31      | 3       |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| \$1,000, 2002  | 20    | 39        | 743    | 177   | 672     | 92      | (D)     |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| Aquaculture ..... farms, 2002  | 3     | -         | -      | 2     | 2       | 2       | -       |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| \$1,000, 2002  | 5     | -         | -      | (D)   | (D)     | (D)     | -       |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| Other animals and other animal products (see text) ..... farms, 2002   | 7     | 8         | 21     | 7     | 41      | 16      | -       |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| \$1,000, 2002  | 710   | 67        | 32     | 22    | 848     | 158     | -       |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 29    | 13        | 94     | 39    | 129     | 49      | 3       |
| 1997   | 42    | 15        | 81     | 44    | 110     | 58      | 5       |
| \$1,000, 2002  | 461   | 18        | 330    | 192   | 1,034   | 289     | 7       |
| 1997   | 217   | 21        | 143    | 164   | 956     | 134     | 3       |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | -     | -         | -      | (NA)  | 11      | 2       | -       |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (D)     | (NA)    |
| \$1,000, 2002  | -     | -         | -      | (NA)  | 143     | (NA)    | (NA)    |
| 1997   | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Grand<br>Traverse | Gratiot | Hillsdale | Houghton | Huron   | Ingham | Ionia  | Iosco  |
|--|-------------------|---------|-----------|----------|---------|--------|--------|--------|
| Total sales (see text) - Con.  |                   |         |           |          |         |        |        |        |
| Value of sales by commodity or commodity group - Con.  |                   |         |           |          |         |        |        |        |
| Crops, including nursery and greenhouse - Con.   |                   |         |           |          |         |        |        |        |
| Other crops and hay (see text) ..... farms, 2002   | 112               | 206     | 257       | 47       | 340     | 223    | 240    | 96     |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |
| \$1,000, 2002  | 790               | 12,299  | (D)       | 770      | 41,328  | 1,702  | 1,295  | 809    |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |
| Livestock, poultry, and their products ..... farms, 2002   | 129               | 296     | 432       | 65       | 457     | 362    | 457    | 124    |
| 1997   | 159               | 361     | 537       | 76       | 563     | 445    | 547    | 156    |
| \$1,000, 2002  | 3,813             | 50,280  | 38,030    | 1,454    | 101,798 | 16,786 | 76,851 | 10,360 |
| 1997   | 3,546             | 37,264  | 30,781    | 1,583    | 111,323 | 21,335 | 51,928 | 5,617  |
| Poultry and eggs ..... farms, 2002   | 12                | 32      | 46        | 16       | 23      | 38     | 38     | 10     |
| 1997   | 12                | 23      | 45        | 14       | 12      | 34     | 20     | 11     |
| \$1,000, 2002  | (D)               | (D)     | (D)       | 3        | (D)     | 189    | (D)    | 7      |
| 1997   | 14                | 3,024   | 400       | (D)      | (D)     | 77     | (D)    | 3      |
| Cattle and calves ..... farms, 2002  | 73                | 195     | 271       | 34       | 387     | 206    | 313    | 92     |
| 1997   | 116               | 283     | 385       | 57       | 489     | 286    | 413    | 130    |
| \$1,000, 2002  | 1,817             | 14,722  | 7,174     | 326      | 42,970  | 3,184  | 7,589  | 6,272  |
| 1997   | 1,189             | 10,624  | 5,609     | 311      | 45,694  | 4,325  | 6,671  | 1,690  |
| Milk and other dairy products from cows ..... farms, 2002  | 9                 | 52      | 87        | 12       | 138     | 42     | 73     | 23     |
| 1997   | 11                | 65      | 104       | 13       | 197     | 77     | 95     | 22     |
| \$1,000, 2002  | 781               | 23,055  | 24,003    | 1,047    | 43,501  | 11,081 | 28,977 | 3,855  |
| 1997   | 1,426             | 19,728  | 14,510    | 1,146    | 29,012  | 13,684 | 24,463 | 3,794  |
| Hogs and pigs ..... farms, 2002  | 20                | 38      | 67        | 14       | 46      | 39     | 55     | 12     |
| 1997   | 15                | 46      | 90        | 2        | 72      | 45     | 92     | 14     |
| \$1,000, 2002  | (D)               | (D)     | (D)       | (D)      | (D)     | 1,196  | (D)    | 90     |
| 1997   | (D)               | 3,516   | 9,481     | (D)      | 21,770  | 1,766  | 4,974  | 41     |
| Sheep, goats, and their products ..... farms, 2002   | 10                | 42      | 61        | 19       | 16      | 67     | 61     | 23     |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |
| \$1,000, 2002  | 11                | 54      | 76        | 15       | 24      | 175    | 79     | 63     |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 22                | 38      | 71        | 10       | 18      | 51     | 71     | 16     |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |
| \$1,000, 2002  | 72                | 139     | 438       | 38       | 76      | 906    | 362    | 50     |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |
| Aquaculture ..... farms, 2002  | 2                 | -       | -         | -        | -       | -      | -      | -      |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |
| \$1,000, 2002  | (D)               | -       | -         | -        | -       | -      | -      | -      |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |
| Other animals and other animal products (see text) ..... farms, 2002   | 24                | 11      | 21        | 5        | 15      | 32     | 17     | 7      |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (D)     | 373    | 55     | 22     |
| \$1,000, 2002  | 705               | 104     | 249       | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 64                | 67      | 90        | 29       | 39      | 84     | 101    | 25     |
| 1997   | 78                | 71      | 65        | 28       | 41      | 73     | 80     | 30     |
| \$1,000, 2002  | 414               | 274     | 309       | 112      | 238     | 603    | 371    | 78     |
| 1997   | 272               | 199     | 172       | 159      | 378     | 317    | 293    | 123    |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | 3                 | 9       | 5         | 1        | 3       | 4      | 13     | 1      |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (D)     | (D)    | (D)    | (D)    |
| \$1,000, 2002  | (D)               | 157     | 31        | (D)      | (NA)    | (NA)   | (NA)   | (NA)   |
| 1997   | (NA)              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)   | (NA)   | (NA)   |

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Iron | Isabella | Jackson | Kalamazoo | Kalkaska | Kent   | Keweenaw | Lake  |
|--|------|----------|---------|-----------|----------|--------|----------|-------|
| Total sales (see text) - Con.  |      |          |         |           |          |        |          |       |
| Value of sales by commodity or commodity group - Con.  |      |          |         |           |          |        |          |       |
| Crops, including nursery and greenhouse - Con.   |      |          |         |           |          |        |          |       |
| Other crops and hay (see text) ..... farms, 2002   | 31   | 275      | 290     | 141       | 51       | 294    | 1        | 46    |
| 1997   | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| \$1,000, 2002  | 205  | 3,904    | 2,158   | (D)       | 235      | 1,895  | (D)      | 434   |
| 1997   | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| Livestock, poultry, and their products ..... farms, 2002   | 59   | 361      | 461     | 279       | 60       | 428    | 3        | 72    |
| 1997   | 60   | 500      | 514     | 289       | 65       | 572    | 4        | 90    |
| \$1,000, 2002  | 494  | 25,846   | 21,901  | 45,573    | 720      | 36,727 | (D)      | 1,129 |
| 1997   | 576  | 30,102   | 20,600  | 37,775    | 1,289    | 29,485 | 9        | 1,151 |
| Poultry and eggs ..... farms, 2002   | 12   | 25       | 70      | 39        | 15       | 24     | -        | 10    |
| 1997   | 3    | 19       | 49      | 25        | 8        | 20     | -        | 6     |
| \$1,000, 2002  | 29   | (D)      | 75      | (D)       | 9        | (D)    | -        | 2     |
| 1997   | 35   | 35       | 44      | (D)       | 6        | (D)    | -        | 3     |
| Cattle and calves ..... farms, 2002  | 35   | 290      | 245     | 122       | 32       | 261    | -        | 47    |
| 1997   | 52   | 419      | 341     | 160       | 44       | 399    | 4        | 70    |
| \$1,000, 2002  | 298  | 7,415    | 11,909  | 3,805     | 211      | 6,157  | -        | 381   |
| 1997   | 369  | 6,131    | 10,294  | 3,536     | 227      | 5,422  | 9        | 451   |
| Milk and other dairy products from cows ..... farms, 2002  | 2    | 78       | 32      | 18        | 2        | 63     | -        | 4     |
| 1997   | 3    | 128      | 46      | 15        | 7        | 93     | -        | 6     |
| \$1,000, 2002  | (D)  | 15,879   | 8,199   | 11,456    | (D)      | 27,736 | -        | 666   |
| 1997   | (D)  | 22,246   | 8,098   | 8,260     | 597      | 20,296 | -        | 546   |
| Hogs and pigs ..... farms, 2002  | 3    | 36       | 45      | 43        | 16       | 45     | -        | 10    |
| 1997   | 6    | 52       | 74      | 67        | 10       | 60     | -        | 12    |
| \$1,000, 2002  | 2    | 1,892    | 481     | 6,829     | (D)      | 808    | -        | 21    |
| 1997   | 10   | 1,324    | 1,495   | 9,359     | 289      | 1,532  | -        | 51    |
| Sheep, goats, and their products ..... farms, 2002   | 5    | 20       | 92      | 40        | 3        | 45     | -        | 12    |
| 1997   | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| \$1,000, 2002  | 5    | (D)      | 422     | 224       | 1        | (D)    | -        | 40    |
| 1997   | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 14   | 36       | 106     | 85        | 19       | 92     | 3        | 10    |
| 1997   | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| \$1,000, 2002  | 48   | 217      | 626     | 353       | 66       | 599    | (D)      | (D)   |
| 1997   | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| Aquaculture ..... farms, 2002  | 1    | 2        | 3       | -         | -        | 3      | -        | -     |
| 1997   | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| \$1,000, 2002  | (D)  | (D)      | 2       | -         | -        | (D)    | -        | -     |
| 1997   | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| Other animals and other animal products (see text) ..... farms, 2002   | 4    | 14       | 21      | 17        | 3        | 36     | -        | 5     |
| 1997   | (NA) | (D)      | 371     | (NA)      | (D)      | 506    | (NA)     | (NA)  |
| \$1,000, 2002  | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 14   | 72       | 85      | 75        | 18       | 113    | -        | 6     |
| 1997   | 11   | 54       | 102     | 76        | 16       | 155    | 2        | 12    |
| \$1,000, 2002  | 27   | 355      | 503     | 557       | 34       | 1,504  | -        | 4     |
| 1997   | 51   | 258      | 736     | 643       | 62       | 2,070  | (D)      | 13    |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | -    | 8        | 6       | 4         | 4        | 4      | -        | -     |
| 1997   | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| \$1,000, 2002  | -    | 77       | 11      | 1         | 10       | 104    | (NA)     | -     |
| 1997   | (NA) | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Lapeer | Leelanau | Lenawee | Livingston | Luce | Mackinac | Macomb | Manistee |
|--|--------|----------|---------|------------|------|----------|--------|----------|
| Total sales (see text) - Con.  |        |          |         |            |      |          |        |          |
| Value of sales by commodity or commodity group - Con.  |        |          |         |            |      |          |        |          |
| Crops, including nursery and greenhouse - Con.   |        |          |         |            |      |          |        |          |
| Other crops and hay (see text) ..... farms, 2002   | 323    | 77       | 190     | 178        | 18   | 34       | 63     | 109      |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | 3,052  | 521      | 1,819   | 931        | 416  | 401      | 721    | 662      |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| Livestock, poultry, and their products ..... farms, 2002   | 490    | 92       | 382     | 307        | 12   | 34       | 131    | 106      |
| 1997   | 610    | 106      | 477     | 363        | 13   | 49       | 167    | 129      |
| \$1,000, 2002  | 17,300 | 3,460    | 39,092  | 9,002      | 394  | 2,328    | 3,862  | 1,133    |
| 1997   | 22,156 | 4,989    | 24,460  | 10,199     | 430  | 2,257    | 3,655  | 978      |
| Poultry and eggs ..... farms, 2002   | 77     | 10       | 55      | 41         | -    | 3        | 31     | 27       |
| 1997   | 66     | 8        | 45      | 43         | -    | 5        | 24     | 13       |
| \$1,000, 2002  | 2,267  | (D)      | 103     | (D)        | -    | (D)      | 75     | 19       |
| 1997   | 127    | (D)      | (D)     | 25         | -    | 6        | (D)    | 4        |
| Cattle and calves ..... farms, 2002  | 299    | 45       | 189     | 120        | 12   | 23       | 49     | 70       |
| 1997   | 417    | 69       | 287     | 206        | 13   | 44       | 95     | 94       |
| \$1,000, 2002  | 5,319  | 2,057    | 7,980   | 1,243      | 394  | 440      | 2,462  | 775      |
| 1997   | 8,629  | 3,236    | 8,738   | 2,441      | (D)  | 532      | 589    | 431      |
| Milk and other dairy products from cows ..... farms, 2002  | 67     | 10       | 38      | 20         | -    | 6        | 12     | 6        |
| 1997   | 99     | 10       | 57      | 42         | -    | 10       | 15     | 7        |
| \$1,000, 2002  | 8,426  | 734      | 27,086  | 6,405      | -    | 1,858    | 1,091  | 141      |
| 1997   | 11,455 | 997      | 10,623  | 5,861      | -    | 1,676    | 1,594  | 252      |
| Hogs and pigs ..... farms, 2002  | 51     | 5        | 56      | 34         | -    | 6        | 11     | 12       |
| 1997   | 57     | 9        | 79      | 36         | 1    | 3        | 21     | 14       |
| \$1,000, 2002  | 297    | (D)      | 2,815   | 275        | -    | 6        | 24     | 30       |
| 1997   | 584    | 14       | 3,230   | 366        | (D)  | (D)      | (D)    | 112      |
| Sheep, goats, and their products ..... farms, 2002   | 81     | 11       | 65      | 72         | -    | 5        | 24     | 17       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | 291    | 6        | 268     | (D)        | -    | (D)      | 22     | 31       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 79     | 17       | 81      | 99         | -    | 5        | 41     | 14       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | 641    | 553      | 522     | 706        | -    | 10       | 166    | 48       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| Aquaculture ..... farms, 2002  | 1      | -        | -       | 1          | -    | -        | 2      | -        |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | (D)    | -        | -       | (D)        | -    | -        | (D)    | -        |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| Other animals and other animal products (see text) ..... farms, 2002   | 23     | 18       | 28      | 22         | -    | 4        | 6      | 8        |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | (D)    | 94       | 317     | 243        | -    | (D)      | (D)    | 89       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 171    | 48       | 81      | 80         | 5    | 7        | 71     | 44       |
| 1997   | 144    | 52       | 100     | 86         | 4    | 9        | 101    | 38       |
| \$1,000, 2002  | 1,884  | 171      | 345     | 250        | 11   | 14       | 2,670  | 136      |
| 1997   | 572    | 232      | 788     | 474        | 6    | 21       | 2,423  | 207      |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | 6      | 2        | 11      | 2          | -    | -        | 4      | 4        |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | 112    | (D)      | 246     | (D)        | -    | -        | 9      | (D)      |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA) | (NA)     | (NA)   | (NA)     |

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Marquette | Mason | Mecosta | Menominee | Midland | Missaukee | Monroe | Montcalm |
|--|-----------|-------|---------|-----------|---------|-----------|--------|----------|
| Total sales (see text) - Con.  |           |       |         |           |         |           |        |          |
| Value of sales by commodity or commodity group - Con.  |           |       |         |           |         |           |        |          |
| Crops, including nursery and greenhouse - Con.   |           |       |         |           |         |           |        |          |
| Other crops and hay (see text) ..... farms, 2002   | 37        | 132   | 252     | 127       | 97      | 152       | 149    | 298      |
| 1997   | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002  | 280       | 1,400 | (D)     | 1,485     | 2,332   | 1,725     | 917    | 3,061    |
| 1997   | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Livestock, poultry, and their products ..... farms, 2002   | 61        | 171   | 346     | 181       | 178     | 197       | 260    | 410      |
| 1997   | 68        | 196   | 383     | 223       | 216     | 215       | 302    | 520      |
| \$1,000, 2002  | 1,890     | 8,409 | 17,193  | 18,131    | 7,334   | 28,833    | 6,095  | 33,658   |
| 1997   | 1,882     | 7,816 | 15,049  | 15,673    | 4,238   | 29,913    | 9,435  | 25,043   |
| Poultry and eggs ..... farms, 2002   | 7         | 20    | 43      | 13        | 16      | 17        | 58     | 39       |
| 1997   | 7         | 11    | 30      | 5         | 26      | 8         | 41     | 37       |
| \$1,000, 2002  | 12        | 84    | (D)     | 9         | 9       | 2         | 124    | (D)      |
| 1997   | (D)       | (D)   | 48      | 2         | 22      | (D)       | 119    | 163      |
| Cattle and calves ..... farms, 2002  | 35        | 100   | 276     | 149       | 96      | 149       | 108    | 297      |
| 1997   | 44        | 152   | 324     | 201       | 144     | 184       | 157    | 437      |
| \$1,000, 2002  | 265       | 1,523 | 3,102   | 2,409     | 1,188   | 3,686     | 3,285  | 5,604    |
| 1997   | 265       | 1,400 | 2,448   | 2,250     | 1,054   | 3,461     | 3,558  | 3,915    |
| Milk and other dairy products from cows ..... farms, 2002  | 6         | 27    | 108     | 72        | 10      | 76        | 10     | 102      |
| 1997   | 7         | 45    | 117     | 84        | 11      | 89        | 15     | 115      |
| \$1,000, 2002  | 1,342     | 5,462 | 9,438   | 14,513    | 4,765   | 24,350    | 1,072  | 25,222   |
| 1997   | 1,447     | 5,962 | 9,933   | 12,710    | 1,722   | 24,521    | 1,385  | 15,641   |
| Hogs and pigs ..... farms, 2002  | 9         | 13    | 76      | 21        | 25      | 14        | 45     | 48       |
| 1997   | 9         | 22    | 65      | 17        | 41      | 19        | 72     | 67       |
| \$1,000, 2002  | 6         | (D)   | 3,974   | 56        | 922     | 545       | 617    | 1,706    |
| 1997   | 26        | 113   | 2,225   | 31        | 1,021   | (D)       | 3,162  | 4,359    |
| Sheep, goats, and their products ..... farms, 2002   | 9         | 25    | 26      | 14        | 23      | 26        | 57     | 19       |
| 1997   | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002  | (D)       | 81    | 79      | 7         | 25      | 16        | (D)    | (D)      |
| 1997   | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 11        | 33    | 65      | 15        | 37      | 24        | 61     | 75       |
| 1997   | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002  | (D)       | 97    | 319     | 41        | 350     | 48        | 261    | 327      |
| 1997   | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Aquaculture ..... farms, 2002  | -         | -     | 2       | 3         | -       | -         | 1      | 2        |
| 1997   | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002  | -         | (D)   | 104     | -         | -       | -         | (D)    | (D)      |
| 1997   | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Other animals and other animal products (see text) ..... farms, 2002   | 5         | 10    | 14      | 9         | 15      | 9         | 26     | 24       |
| 1997   | (NA)      | (D)   | (D)     | (NA)      | (NA)    | (NA)      | (D)    | (NA)     |
| \$1,000, 2002  | (NA)      | (NA)  | (NA)    | 1,096     | 75      | 186       | 700    | 700      |
| 1997   | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 17        | 44    | 88      | 36        | 38      | 33        | 116    | 87       |
| 1997   | 17        | 54    | 76      | 32        | 52      | 30        | 111    | 88       |
| \$1,000, 2002  | 15        | 608   | 278     | 118       | 79      | 79        | 1,275  | 392      |
| 1997   | 48        | 243   | 438     | 70        | 81      | 56        | 993    | 310      |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | 1         | 3     | 1       | 3         | 4       | 2         | 11     | 3        |
| 1997   | (NA)      | (D)   | (D)     | (NA)      | (NA)    | (D)       | (NA)   | (NA)     |
| \$1,000, 2002  | (D)       | (NA)  | (NA)    | (D)       | 11      | 14        | 55     | 52       |
| 1997   | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Montmorency | Muskegon | Newaygo | Oakland | Oceana | Ogemaw | Ontonagon | Osceola |
|--|-------------|----------|---------|---------|--------|--------|-----------|---------|
| Total sales (see text) - Con.  |             |          |         |         |        |        |           |         |
| Value of sales by commodity or commodity group - Con.  |             |          |         |         |        |        |           |         |
| Crops, including nursery and greenhouse - Con.   |             |          |         |         |        |        |           |         |
| Other crops and hay (see text) ..... farms, 2002   | 51          | 132      | 256     | 91      | 197    | 93     | 46        | 205     |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| \$1,000, 2002  | 255         | 1,232    | 1,765   | 582     | (D)    | 1,952  | 416       | (D)     |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Livestock, poultry, and their products ..... farms, 2002   | 72          | 176      | 363     | 219     | 203    | 146    | 47        | 294     |
| 1997   | 77          | 209      | 452     | 224     | 236    | 199    | 59        | 380     |
| \$1,000, 2002  | 2,181       | 16,776   | 40,105  | 3,951   | 18,618 | 18,609 | 1,923     | 14,589  |
| 1997   | 2,129       | 20,560   | 28,612  | 2,694   | 12,550 | 19,229 | 1,679     | 15,924  |
| Poultry and eggs ..... farms, 2002   | 4           | 26       | 36      | 35      | 24     | 8      | 5         | 36      |
| 1997   | 5           | 20       | 21      | 26      | 20     | 8      | 24        | 24      |
| \$1,000, 2002  | 1           | 23       | 1,520   | (D)     | (D)    | 3      | (Z)       | 40      |
| 1997   | (D)         | (D)      | 2,001   | (D)     | (D)    | 2      | -         | 13      |
| Cattle and calves ..... farms, 2002  | 53          | 101      | 252     | 58      | 127    | 113    | 36        | 217     |
| 1997   | 70          | 142      | 356     | 79      | 181    | 167    | 49        | 329     |
| \$1,000, 2002  | 361         | 3,243    | 4,723   | 231     | 1,953  | 6,829  | 785       | 2,973   |
| 1997   | 601         | 3,060    | 4,288   | 448     | 2,301  | 6,753  | 530       | 3,099   |
| Milk and other dairy products from cows ..... farms, 2002  | 8           | 29       | 88      | 3       | 27     | 36     | 10        | 57      |
| 1997   | 12          | 38       | 126     | 5       | 41     | 55     | 14        | 80      |
| \$1,000, 2002  | 1,540       | 12,251   | 31,353  | (D)     | (D)    | 11,436 | 1,069     | 11,004  |
| 1997   | 1,477       | 14,492   | 19,447  | 555     | 8,256  | 12,137 | 1,049     | 12,117  |
| Hogs and pigs ..... farms, 2002  | 15          | 22       | 48      | 8       | 37     | 9      | 2         | 29      |
| 1997   | 6           | 19       | 38      | 14      | 32     | 11     | -         | 39      |
| \$1,000, 2002  | 42          | 808      | (D)     | 57      | (D)    | (D)    | (D)       | 76      |
| 1997   | 22          | 1,194    | 1,375   | 99      | 555    | 26     | -         | 156     |
| Sheep, goats, and their products ..... farms, 2002   | 5           | 17       | 38      | 51      | 21     | 10     | 2         | 42      |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| \$1,000, 2002  | (Z)         | 5        | 242     | 35      | 11     | 31     | (D)       | 181     |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 8           | 38       | 68      | 85      | 40     | 19     | 8         | 40      |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| \$1,000, 2002  | 18          | 123      | 324     | 3,057   | 498    | 91     | 35        | 113     |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Aquaculture ..... farms, 2002  | -           | -        | 4       | -       | 2      | 3      | -         | -       |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| \$1,000, 2002  | -           | -        | 146     | -       | (D)    | 33     | -         | -       |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Other animals and other animal products (see text) ..... farms, 2002   | 6           | 18       | 12      | 32      | 12     | 4      | 4         | 18      |
| 1997   | (NA)        | (NA)     | (D)     | 147     | (NA)   | (D)    | (D)       | 202     |
| \$1,000, 2002  | 219         | 322      | (NA)    | (NA)    | 29     | (NA)   | (NA)      | (NA)    |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 19          | 63       | 105     | 82      | 85     | 27     | 8         | 50      |
| 1997   | 7           | 65       | 105     | 67      | 100    | 20     | 3         | 64      |
| \$1,000, 2002  | 54          | 242      | 388     | 1,175   | 1,068  | 216    | 35        | 124     |
| 1997   | 19          | 212      | 488     | 994     | 369    | 51     | (D)       | 112     |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | -           | 1        | 3       | 1       | 1      | (NA)   | (NA)      | (NA)    |
| 1997   | (NA)        | (D)      | (NA)    | (D)     | (NA)   | (NA)   | (NA)      | (NA)    |
| \$1,000, 2002  | -           | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |

--continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Oscoda | Otsego | Ottawa  | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
|--|--------|--------|---------|--------------|-----------|---------|-----------|------------|
| Total sales (see text) - Con.  |        |        |         |              |           |         |           |            |
| Value of sales by commodity or commodity group - Con.  |        |        |         |              |           |         |           |            |
| Crops, including nursery and greenhouse - Con.   |        |        |         |              |           |         |           |            |
| Other crops and hay (see text) ..... farms, 2002   | 34     | 63     | 229     | 122          | 15        | 268     | 257       | 183        |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | 277    | 1,247  | 1,575   | 1,013        | 102       | 12,390  | 2,223     | 1,471      |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Livestock, poultry, and their products ..... farms, 2002   | 79     | 62     | 500     | 131          | 16        | 279     | 358       | 308        |
| 1997   | 71     | 65     | 692     | 193          | 19        | 320     | 450       | 375        |
| \$1,000, 2002  | 3,105  | 1,298  | 112,698 | 3,938        | (D)       | 10,758  | 8,825     | 17,592     |
| 1997   | 1,660  | 1,242  | 141,954 | 5,243        | 141       | 9,418   | 8,751     | 18,866     |
| Poultry and eggs ..... farms, 2002   | 15     | 8      | 65      | 14           | -         | 26      | 60        | 49         |
| 1997   | 13     | 6      | 74      | 21           | 2         | 18      | 50        | 18         |
| \$1,000, 2002  | 15     | (D)    | 52,773  | 4            | -         | (D)     | (D)       | 679        |
| 1997   | (D)    | (D)    | 80,482  | 9            | (D)       | 12      | (D)       | (D)        |
| Cattle and calves ..... farms, 2002  | 51     | 41     | 326     | 102          | 9         | 155     | 220       | 172        |
| 1997   | 60     | 47     | 508     | 180          | 14        | 225     | 328       | 276        |
| \$1,000, 2002  | 868    | 671    | 14,022  | 914          | 107       | 2,655   | 3,166     | 3,479      |
| 1997   | 417    | 686    | 12,211  | 1,530        | (D)       | 2,451   | 2,778     | 2,611      |
| Milk and other dairy products from cows ..... farms, 2002  | 25     | 4      | 82      | 14           | -         | 33      | 30        | 32         |
| 1997   | 20     | 5      | 140     | 37           | -         | 40      | 35        | 63         |
| \$1,000, 2002  | 2,049  | 471    | 28,423  | 2,882        | -         | 5,439   | 3,221     | 3,637      |
| 1997   | 1,075  | 459    | 29,544  | 3,610        | -         | 5,468   | 3,470     | 6,748      |
| Hogs and pigs ..... farms, 2002  | 3      | 6      | 78      | 9            | -         | 45      | 53        | 65         |
| 1997   | 6      | 3      | 109     | 10           | 2         | 32      | 47        | 106        |
| \$1,000, 2002  | (D)    | 17     | 16,885  | 11           | -         | 1,672   | 352       | 8,789      |
| 1997   | (D)    | 4      | 18,617  | 16           | (D)       | 787     | 687       | 8,446      |
| Sheep, goats, and their products ..... farms, 2002   | 8      | 8      | 53      | 9            | 1         | 26      | 48        | 43         |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | (D)    | 11     | 109     | 7            | (D)       | (D)     | 126       | 183        |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 17     | 8      | 74      | 11           | 4         | 56      | 63        | 70         |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | 41     | 19     | 373     | 23           | (D)       | 292     | 1,803     | 332        |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Aquaculture ..... farms, 2002  | -      | 2      | 4       | -            | -         | 1       | 1         | -          |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | -      | (D)    | 4       | -            | -         | (D)     | (D)       | -          |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Other animals and other animal products (see text) ..... farms, 2002   | 11     | 5      | 28      | 13           | 2         | 20      | 17        | 19         |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | 98     | 97     | 109     | 96           | (D)       | 661     | 99        | 493        |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 22     | 24     | 154     | 30           | 7         | 86      | 105       | 75         |
| 1997   | 21     | 11     | 196     | 30           | 3         | 85      | 110       | 77         |
| \$1,000, 2002  | 108    | 81     | 1,574   | 93           | 24        | 888     | 930       | 453        |
| 1997   | 36     | 7      | 1,415   | 64           | 2         | 954     | 425       | 379        |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | -      | -      | 5       | 3            | -         | 8       | 2         | 3          |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | -      | -      | 52      | (D)          | -         | 149     | (D)       | 38         |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |

--continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Sanilac | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne | Wexford |
|--|---------|-------------|------------|---------|-----------|-----------|-------|---------|
| Total sales (see text) - Con.  |         |             |            |         |           |           |       |         |
| Value of sales by commodity or commodity group - Con.  |         |             |            |         |           |           |       |         |
| Crops, including nursery and greenhouse - Con.   |         |             |            |         |           |           |       |         |
| Other crops and hay (see text) ..... farms, 2002   | 391     | 21          | 239        | 374     | 203       | 282       | 21    | 126     |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| \$1,000, 2002  | 17,633  | 255         | 1,601      | 17,297  | 1,067     | 1,725     | (D)   | 924     |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| Livestock, poultry, and their products ..... farms, 2002   | 624     | 31          | 349        | 395     | 261       | 446       | 83    | 134     |
| 1997   | 796     | 30          | 396        | 507     | 320       | 525       | 88    | 126     |
| \$1,000, 2002  | 59,995  | 685         | 12,217     | 20,997  | 11,889    | 17,160    | 603   | 3,151   |
| 1997   | 57,857  | 655         | 12,693     | 20,417  | 13,357    | 22,070    | 1,068 | 3,314   |
| Poultry and eggs ..... farms, 2002   | 47      | 4           | 57         | 44      | 48        | 65        | 21    | 21      |
| 1997   | 43      | 5           | 42         | 27      | 29        | 54        | 19    | 8       |
| \$1,000, 2002  | 197     | (D)         | 51         | 2,491   | 79        | (D)       | 125   | (D)     |
| 1997   | 76      | (D)         | 64         | (D)     | 1,381     | 63        | 245   | (D)     |
| Cattle and calves ..... farms, 2002  | 510     | 18          | 183        | 260     | 148       | 200       | 19    | 70      |
| 1997   | 702     | 23          | 273        | 388     | 214       | 282       | 34    | 100     |
| \$1,000, 2002  | 16,200  | 274         | 2,539      | 4,790   | 1,319     | 6,304     | 41    | 930     |
| 1997   | 10,488  | 335         | 2,627      | 4,724   | 1,503     | 5,899     | 250   | 677     |
| Milk and other dairy products from cows ..... farms, 2002  | 214     | 3           | 44         | 53      | 23        | 36        | -     | 20      |
| 1997   | 306     | 3           | 64         | 78      | 31        | 53        | 4     | 19      |
| \$1,000, 2002  | 42,109  | (D)         | 8,342      | 9,821   | 4,971     | 7,423     | -     | 1,776   |
| 1997   | 45,352  | (D)         | 9,227      | 11,850  | 3,096     | 9,679     | (D)   | 1,741   |
| Hogs and pigs ..... farms, 2002  | 46      | -           | 64         | 55      | 41        | 51        | 10    | 14      |
| 1997   | 66      | 4           | 79         | 53      | 64        | 64        | 12    | 14      |
| \$1,000, 2002  | 682     | -           | 523        | 3,141   | 5,051     | 620       | 31    | (D)     |
| 1997   | 1,553   | 5           | 432        | 2,684   | 6,946     | 3,033     | 86    | 39      |
| Sheep, goats, and their products ..... farms, 2002   | 29      | 3           | 70         | 28      | 48        | 116       | 11    | 12      |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| \$1,000, 2002  | 134     | (Z)         | 148        | 39      | 98        | 1,253     | 6     | 20      |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| Horses, ponies, mules, burros, and donkeys ..... farms, 2002   | 76      | 5           | 53         | 75      | 47        | 100       | 44    | 32      |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| \$1,000, 2002  | 367     | 31          | 561        | 657     | 188       | 785       | 308   | 86      |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| Aquaculture ..... farms, 2002  | 6       | -           | -          | -       | 2         | 3         | 1     | 1       |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| \$1,000, 2002  | 77      | -           | -          | -       | (D)       | (D)       | (D)   | (D)     |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| Other animals and other animal products (see text) ..... farms, 2002   | 22      | 2           | 22         | 13      | 15        | 37        | 11    | 15      |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| \$1,000, 2002  | 230     | (D)         | 51         | 58      | (D)       | 70        | (D)   | 181     |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 2002 | 101     | 8           | 92         | 116     | 122       | 106       | 43    | 43      |
| 1997   | 71      | 10          | 86         | 110     | 151       | 110       | 48    | 39      |
| \$1,000, 2002  | 580     | 16          | 321        | 977     | 831       | 1,003     | 510   | 100     |
| 1997   | 280     | 49          | 168        | 627     | 1,325     | 970       | 538   | 69      |
| Value of certified organically produced commodities (see text) ..... farms, 2002                               | 16      | -           | 7          | 14      | 9         | 10        | 4     | -       |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| \$1,000, 2002  | 405     | -           | 72         | 1,135   | 38        | 159       | 27    | -       |
| 1997   | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |

**Table 3. Farm Production Expenses: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan      | Alcona  | Alger  | Allegan | Alpena | Antrim | Arenac |     |
|--|---------------|---------|--------|---------|--------|--------|--------|-----|
| Total farm production expenses .....   |               |         |        |         |        |        |        |     |
| farms, 2002  | 53,296        | 243     | 68     | 1,481   | 457    | 383    | 378    |     |
| 1997   | 53,514        | 240     | 69     | 1,558   | 491    | 300    | 365    |     |
| \$1,000, 2002  | 3,333,716     | 3,528   | 1,425  | 190,944 | 9,460  | 18,022 | 16,477 |     |
| 1997   | 2,975,925     | 4,250   | 1,691  | 158,522 | 10,664 | 12,519 | 14,793 |     |
| Average per farm .....   | 62,551        | 14,519  | 20,963 | 128,929 | 20,700 | 47,054 | 43,589 |     |
| dollars, 2002  | 55,610        | 17,707  | 24,507 | 101,747 | 21,719 | 41,731 | 40,529 |     |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               |               |         |        |         |        |        |        |     |
| farms, 2002  | 28,156        | 91      | 23     | 816     | 157    | 182    | 176    |     |
| 1997   | 32,882        | 99      | 39     | 1,041   | 234    | 183    | 217    |     |
| \$1,000, 2002  | 241,158       | 183     | 53     | 8,484   | 531    | 1,024  | 1,958  |     |
| 1997   | 255,435       | 191     | 68     | 7,655   | 1,190  | 907    | 2,214  |     |
| Chemicals purchased .....  | 23,602        | 55      | 20     | 633     | 91     | 121    | 138    |     |
| farms, 2002  | 28,900        | 64      | 24     | 889     | 166    | 166    | 197    |     |
| 1997   | 181,198       | 79      | 19     | 5,056   | 159    | 1,175  | 1,129  |     |
| Seeds, plants, vines, and trees .....  | 192,051       | 62      | 34     | 6,290   | 637    | 1,422  | 1,032  |     |
| farms, 2002  | 25,048        | 73      | 22     | 582     | 149    | 158    | 155    |     |
| 1997   | 29,989        | 90      | 35     | 858     | 239    | 151    | 216    |     |
| \$1,000, 2002  | 257,178       | 90      | 48     | 10,912  | 161    | 1,137  | 1,129  |     |
| 1997   | 190,356       | 125     | 28     | 5,814   | 566    | 751    | 1,182  |     |
| Livestock and poultry purchased .....  | 11,647        | 59      | 16     | 427     | 164    | 41     | 80     |     |
| farms, 2002  | 12,804        | 87      | 21     | 420     | 168    | 89     | 46     |     |
| 1997   | 196,578       | 126     | 16     | 16,674  | 445    | 914    | 489    |     |
| \$1,000, 2002  | 182,079       | 509     | 172    | 11,379  | 704    | 442    | 191    |     |
| Breeding livestock purchased (see text) .....                                      | 5,274         | 36      | 8      | 117     | 87     | 11     | 33     |     |
| farms, 2002  | (NA)          | (NA)    | (NA)   | (NA)    | (NA)   | (NA)   | (NA)   |     |
| 1997   | \$1,000, 2002 | 31,345  | 68     | 12      | 1,605  | 195    | 81     | 96  |
| \$1,000, 1997  | (NA)          | (NA)    | (NA)   | (NA)    | (NA)   | (NA)   | (NA)   |     |
| Other livestock and poultry purchased .....  | 7,934         | 34      | 11     | 364     | 118    | 36     | 57     |     |
| farms, 2002  | (NA)          | (NA)    | (NA)   | (NA)    | (NA)   | (NA)   | (NA)   |     |
| 1997   | \$1,000, 2002 | 165,233 | 59     | 4       | 15,069 | 250    | 833    | 393 |
| \$1,000, 1997  | (NA)          | (NA)    | (NA)   | (NA)    | (NA)   | (NA)   | (NA)   |     |
| Feed purchased .....   | 24,297        | 131     | 42     | 780     | 245    | 161    | 124    |     |
| farms, 2002  | 21,006        | 142     | 33     | 675     | 196    | 132    | 80     |     |
| 1997   | \$390,264     | 549     | 280    | 42,872  | 1,811  | 835    | 1,000  |     |
| \$1,000, 1997  | 422,966       | 828     | 365    | 47,421  | 934    | 1,116  | 981    |     |
| Gasoline, fuels, and oils .....  | 50,597        | 229     | 65     | 1,390   | 408    | 316    | 374    |     |
| farms, 2002  | 48,593        | 239     | 66     | 1,455   | 452    | 250    | 319    |     |
| 1997   | \$145,503     | 341     | 75     | 6,210   | 608    | 720    | 933    |     |
| \$1,000, 1997  | 150,939       | 320     | 96     | 6,090   | 735    | 893    | 894    |     |
| Utilities (see text) .....   | 30,422        | 125     | 41     | 906     | 263    | 196    | 211    |     |
| farms, 2002  | (NA)          | (NA)    | (NA)   | (NA)    | (NA)   | (NA)   | (NA)   |     |
| 1997   | \$1,000, 2002 | 91,391  | 170    | 59      | 5,501  | 380    | 668    | 372 |
| Supplies, repairs, and maintenance .....   | 47,754        | 218     | 54     | 1,270   | 406    | 301    | 358    |     |
| farms, 2002  | 43,382        | 218     | 54     | 1,249   | 355    | 248    | 274    |     |
| \$1,000, 2002  | 334,489       | 615     | 220    | 15,392  | 1,664  | 2,540  | 1,613  |     |
| Hired farm labor .....   | 222,953       | 586     | 130    | 7,909   | 1,006  | 967    | 1,331  |     |
| farms, 2002  | 12,279        | 36      | 14     | 433     | 70     | 101    | 50     |     |
| 1997   | 15,975        | 74      | 19     | 531     | 101    | 121    | 103    |     |
| \$1,000, 2002  | 469,731       | 251     | 204    | 36,867  | 621    | 4,255  | 1,605  |     |
| \$1,000, 1997  | 389,932       | 235     | 225    | 23,932  | 617    | 1,773  | 1,525  |     |
| Contract labor .....   | 3,614         | 4       | 8      | 103     | 10     | 36     | 44     |     |
| farms, 2002  | 4,307         | 8       | 7      | 157     | 39     | 35     | 30     |     |
| 1997   | \$35,023      | (D)     | (D)    | 1,161   | 13     | 88     | 139    |     |
| Customwork and custom hauling .....  | 29,646        | 3       | 12     | 822     | 108    | 295    | 318    |     |
| farms, 2002  | 9,148         | 23      | 7      | 344     | 55     | 66     | 39     |     |
| \$1,000, 2002  | 63,676        | 26      | 13     | 1,747   | 207    | 220    | 246    |     |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 | 12,399        | 40      | 16     | 358     | 119    | 38     | 83     |     |
| farms, 2002  | 14,087        | 63      | 18     | 390     | 129    | 38     | 112    |     |
| 1997   | \$216,140     | 135     | 36     | 7,563   | 306    | 314    | 1,755  |     |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... | 3,940         | 2       | 4      | 198     | 12     | 30     | 33     |     |
| farms, 2002  | (NA)          | (NA)    | (NA)   | (NA)    | (NA)   | (NA)   | (NA)   |     |
| 1997   | \$33,771      | (D)     | (D)    | 2,433   | 48     | 127    | 109    |     |
| Interest expense .....   | 18,089        | 61      | 17     | 487     | 112    | 156    | 106    |     |
| farms, 2002  | 20,406        | 71      | 27     | 694     | 194    | 96     | 140    |     |
| 1997   | \$211,406     | 290     | 103    | 9,550   | 584    | 1,340  | 1,343  |     |
| Secured by real estate .....   | 14,332        | 48      | 16     | 372     | 79     | 141    | 83     |     |
| farms, 2002  | 15,032        | 56      | 21     | 555     | 164    | 65     | 119    |     |
| 1997   | \$154,977     | 241     | 90     | 6,904   | 496    | 1,176  | 1,029  |     |
| Not secured by real estate .....   | 131,123       | 167     | 80     | 6,112   | 778    | 515    | 720    |     |
| farms, 2002  | 8,737         | 26      | 5      | 266     | 40     | 34     | 43     |     |
| \$1,000, 2002  | 56,428        | 49      | 14     | 2,646   | 88     | 165    | 314    |     |
| \$1,000, 1997  | 69,901        | 145     | 26     | 3,006   | 226    | 439    | 410    |     |
| Property taxes paid .....  | 50,494        | 223     | 66     | 1,400   | 457    | 376    | 357    |     |
| farms, 2002  | 50,654        | 235     | 68     | 1,508   | 462    | 286    | 358    |     |
| \$1,000, 2002  | 157,933       | 376     | 116    | 5,791   | 791    | 952    | 959    |     |
| All other production expenses (see text) .....                                     | 124,879       | 365     | 93     | 4,137   | 635    | 648    | 769    |     |
| farms, 2002  | 30,851        | 127     | 46     | 878     | 284    | 206    | 223    |     |
| 1997   | 46,878        | 216     | 65     | 1,423   | 443    | 271    | 313    |     |
| \$1,000, 2002  | 308,277       | 278     | 149    | 14,730  | 1,128  | 1,710  | 1,698  |     |
| Depreciation expenses claimed (see text) .....                                     | 21,682        | 80      | 25     | 602     | 209    | 121    | 116    |     |
| farms, 2002  | (NA)          | (NA)    | (NA)   | (NA)    | (NA)   | 2,612  | 1,987  |     |
| 1997   | 386,335       | 872     | 150    | 19,123  | 1,825  | (NA)   | (NA)   |     |

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Baraga        | Barry  | Bay    | Benzie | Berrien | Branch | Calhoun |
|--|---------------|--------|--------|--------|---------|--------|---------|
| Total farm production expenses .....   |               |        |        |        |         |        |         |
| farms, 2002  | 65            | 1,063  | 787    | 182    | 1,093   | 1,123  | 1,144   |
| 1997   | 63            | 1,057  | 817    | 167    | 1,357   | 1,139  | 1,256   |
| \$1,000, 2002  | 738           | 52,504 | 49,659 | 4,420  | 82,845  | 67,973 | 59,295  |
| 1997   | 843           | 43,229 | 49,295 | 5,331  | 68,063  | 61,343 | 54,688  |
| Average per farm .....   | dollars, 2002 | 11,357 | 49,392 | 63,099 | 24,288  | 75,796 | 60,528  |
|  | 1997          | 13,383 | 40,898 | 60,336 | 31,921  | 50,157 | 53,857  |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               |               |        |        |        |         |        |         |
| farms, 2002  | 23            | 424    | 495    | 98     | 774     | 662    | 623     |
| 1997   | 33            | 504    | 615    | 91     | 986     | 667    | 751     |
| \$1,000, 2002  | 21            | 3,728  | 6,479  | 139    | 4,737   | 5,586  | 4,893   |
| 1997   | 27            | 2,919  | 7,681  | 200    | 4,859   | 4,979  | 4,866   |
| Chemicals purchased .....  | farms, 2002   | 13     | 346    | 486    | 89      | 720    | 569     |
|  | 1997          | 10     | 487    | 556    | 77      | 985    | 629     |
| \$1,000, 2002  | 7             | 2,186  | 4,170  | 443    | 6,956   | 4,758  | 3,725   |
| 1997   | (D)           | 1,859  | 4,218  | 790    | 8,193   | 3,798  | 3,241   |
| Seeds, plants, vines, and trees .....  | farms, 2002   | 24     | 298    | 448    | 94      | 585    | 555     |
|  | 1997          | 32     | 408    | 592    | 61      | 740    | 688     |
| \$1,000, 2002  | 25            | 2,857  | 5,145  | 154    | 6,487   | 4,883  | 5,452   |
| 1997   | 27            | 1,869  | 4,229  | 103    | 4,167   | 3,370  | 4,172   |
| Livestock and poultry purchased .....  | farms, 2002   | 9      | 231    | 152    | 54      | 166    | 231     |
|  | 1997          | 12     | 282    | 75     | 45      | 114    | 300     |
| \$1,000, 2002  | 13            | 3,432  | 1,572  | 160    | 2,846   | 6,457  | 4,292   |
| 1997   | 40            | 3,856  | 497    | 233    | 1,460   | 3,846  | 3,184   |
| Breeding livestock purchased (see text) .....                                      | farms, 2002   | 6      | 84     | 92     | 24      | 67     | 122     |
|  | 1997          | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002  | 8             | 1,000  | 155    | 24     | 39      | 426    | 754     |
| 1997   | (NA)          | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Other livestock and poultry purchased .....  | farms, 2002   | 4      | 177    | 74     | 30      | 124    | 114     |
|  | 1997          | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002  | 5             | 2,432  | 1,417  | 136    | 2,807   | 6,030  | 3,538   |
| 1997   | (NA)          | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Feed purchased .....   | farms, 2002   | 35     | 541    | 149    | 92      | 328    | 471     |
|  | 1997          | 28     | 453    | 134    | 61      | 276    | 478     |
| \$1,000, 2002  | 58            | 7,678  | 907    | 262    | 5,225   | 8,757  | 6,987   |
| 1997   | 133           | 9,296  | 1,049  | 471    | 2,743   | 10,575 | 8,061   |
| Gasoline, fuels, and oils .....  | farms, 2002   | 61     | 934    | 778    | 168     | 1,044  | 1,068   |
|  | 1997          | 62     | 862    | 785    | 160     | 1,291  | 1,025   |
| \$1,000, 2002  | 65            | 1,873  | 2,707  | 254    | 3,716   | 3,094  | 2,993   |
| 1997   | 81            | 1,896  | 3,323  | 222    | 3,484   | 3,678  | 3,171   |
| Utilities (see text) .....   | farms, 2002   | 39     | 582    | 519    | 113     | 676    | 632     |
|  | 1997          | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002  | 25            | 1,564  | 1,325  | 229    | 2,258   | 2,083  | 1,518   |
| Supplies, repairs, and maintenance .....   | farms, 2002   | 59     | 897    | 755    | 174     | 983    | 1,019   |
|  | 1997          | 53     | 735    | 657    | 145     | 1,169  | 908     |
| \$1,000, 2002  | 153           | 5,523  | 5,471  | 773    | 9,555   | 6,328  | 5,642   |
| Hired farm labor .....   | farms, 2002   | 98     | 3,248  | 4,600  | 455     | 5,026  | 4,674   |
|  | 1997          | 9      | 223    | 164    | 53      | 384    | 233     |
| \$1,000, 2002  | 75            | 4,872  | 4,962  | 669    | 17,977  | 4,998  | 6,258   |
| 1997   | 109           | 3,373  | 5,502  | 1,059  | 15,394  | 6,227  | 5,114   |
| Contract labor .....   | farms, 2002   | -      | 60     | 39     | 4       | 126    | 36      |
|  | 1997          | 1      | 48     | 69     | 22      | 184    | 87      |
| \$1,000, 2002  | -             | 575    | 264    | (D)    | 765     | 301    | 1,215   |
| Customwork and custom hauling .....  | farms, 2002   | (D)    | 199    | 598    | 145     | 843    | 238     |
|  | 1997          | 8      | 189    | 112    | 41      | 230    | 187     |
| \$1,000, 2002  | (D)           | 1,448  | 705    | (NA)   | (NA)    | (NA)   | (NA)    |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 | farms, 2002   | 9      | 176    | 317    | 26      | 251    | 280     |
|  | 1997          | 11     | 187    | 329    | 19      | 391    | 293     |
| \$1,000, 2002  | 15            | 3,725  | 5,617  | 33     | 5,411   | 5,741  | 3,289   |
| 1997   | 19            | 2,566  | 5,405  | 153    | 3,702   | 4,500  | 3,121   |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... | farms, 2002   | 1      | 82     | 145    | 1       | 57     | 82      |
|  | 1997          | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002  | (D)           | 552    | 1,254  | (D)    | 806     | 301    | 332     |
| 1997   | (NA)          | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| Interest expense .....   | farms, 2002   | 22     | 337    | 290    | 45      | 334    | 527     |
|  | 1997          | 11     | 377    | 353    | 81      | 506    | 375     |
| \$1,000, 2002  | 97            | 5,608  | 2,604  | 501    | 4,756   | 4,949  | 3,386   |
| 1997   | 44            | 3,597  | 3,548  | 425    | 3,846   | 4,446  | 3,855   |
| Secured by real estate .....   | farms, 2002   | 19     | 263    | 195    | 44      | 291    | 473     |
|  | 1997          | 9      | 303    | 201    | 67      | 353    | 308     |
| \$1,000, 2002  | 61            | 3,569  | 1,502  | 448    | 3,471   | 3,918  | 2,335   |
| Not secured by real estate .....   | farms, 2002   | 26     | 2,879  | 1,968  | 318     | 2,641  | 2,849   |
|  | 1997          | 11     | 195    | 168    | 20      | 138    | 221     |
| \$1,000, 2002  | 36            | 2,039  | 1,101  | 53     | 1,286   | 1,031  | 1,051   |
| Property taxes paid .....  | farms, 2002   | 64     | 1,031  | 715    | 181     | 1,206  | 1,596   |
|  | 1997          | 62     | 1,026  | 725    | 166     | 1,247  | 1,054   |
| \$1,000, 2002  | 113           | 2,404  | 2,359  | 323    | 3,239   | 3,608  | 3,510   |
| 1997   | 94            | 2,008  | 2,230  | 275    | 2,842   | 2,603  | 3,099   |
| All other production expenses (see text) .....                                     | farms, 2002   | 34     | 485    | 476    | 114     | 635    | 707     |
|  | 1997          | 51     | 792    | 697    | 151     | 1,160  | 1,003   |
| \$1,000, 2002  | 69            | 4,480  | 4,118  | 402    | 6,389   | 3,969  | 4,545   |
| 1997   | 113           | 4,684  | 4,863  | 654    | 8,380   | 5,932  | 6,453   |
| Depreciation expenses claimed (see text) .....                                     | farms, 2002   | 22     | 465    | 366    | 74      | 434    | 338     |
|  | 1997          | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |
| \$1,000, 2002  | 216           | 8,467  | 6,133  | 561    | 7,787   | 6,893  | 7,263   |
| 1997   | (NA)          | (NA)   | (NA)   | (NA)   | (NA)    | (NA)   | (NA)    |

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Cass   | Charlevoix | Cheboygan | Chippewa | Clare  | Clinton | Crawford |
|--|--------|------------|-----------|----------|--------|---------|----------|
| Total farm production expenses .....   |        |            |           |          |        |         |          |
| farms, 2002  | 805    | 297        | 267       | 371      | 411    | 1,187   | 48       |
| 1997   | 805    | 227        | 249       | 376      | 418    | 1,292   | 35       |
| \$1,000, 2002  | 60,815 | 5,093      | 5,481     | 4,754    | 11,738 | 82,221  | 492      |
| 1997   | 58,071 | 3,683      | 4,705     | 6,134    | 10,512 | 74,290  | 270      |
| Average per farm .....   |        |            |           |          |        |         |          |
| dollars, 2002  | 75,546 | 17,150     | 20,529    | 12,813   | 28,559 | 69,268  | 10,240   |
| 1997   | 72,138 | 16,225     | 18,894    | 16,313   | 25,148 | 57,500  | 7,707    |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               |        |            |           |          |        |         |          |
| farms, 2002  | 497    | 158        | 111       | 83       | 124    | 723     | 16       |
| 1997   | 598    | 116        | 146       | 171      | 182    | 884     | 13       |
| \$1,000, 2002  | 3,920  | 201        | 208       | 96       | 640    | 7,204   | 2        |
| 1997   | 4,239  | 228        | 306       | 236      | 593    | 6,815   | 6        |
| Chemicals purchased .....  |        |            |           |          |        |         |          |
| farms, 2002  | 396    | 105        | 62        | 43       | 87     | 637     | 14       |
| 1997   | 486    | 82         | 72        | 53       | 107    | 884     | 5        |
| \$1,000, 2002  | 3,914  | 134        | 74        | 21       | 151    | 4,291   | (D)      |
| 1997   | 3,086  | 163        | 100       | 53       | 181    | 5,549   | 2        |
| Seeds, plants, vines, and trees .....  |        |            |           |          |        |         |          |
| farms, 2002  | 480    | 82         | 99        | 61       | 133    | 584     | 8        |
| 1997   | 512    | 89         | 91        | 102      | 175    | 900     | 11       |
| \$1,000, 2002  | 3,988  | 222        | 112       | 32       | 302    | 4,980   | 1        |
| 1997   | 3,126  | 116        | 103       | 50       | 266    | 4,669   | 5        |
| Livestock and poultry purchased .....  |        |            |           |          |        |         |          |
| farms, 2002  | 234    | 53         | 53        | 80       | 138    | 222     | 22       |
| 1997   | 234    | 70         | 60        | 124      | 177    | 371     | 13       |
| \$1,000, 2002  | 4,031  | 122        | 90        | 354      | 1,872  | 6,079   | 110      |
| 1997   | 2,500  | 156        | 190       | 466      | 1,338  | 5,797   | 17       |
| Breeding livestock purchased (see text) .....                                      |        |            |           |          |        |         |          |
| farms, 2002  | 98     | 19         | 26        | 26       | 78     | 93      | 19       |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 668    | 45         | 62        | 42       | 293    | 1,237   | 105      |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Other livestock and poultry purchased .....  |        |            |           |          |        |         |          |
| farms, 2002  | 155    | 34         | 28        | 70       | 86     | 153     | 7        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 3,363  | 77         | 28        | 312      | 1,579  | 4,842   | 5        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Feed purchased .....   |        |            |           |          |        |         |          |
| farms, 2002  | 393    | 153        | 128       | 161      | 194    | 440     | 39       |
| 1997   | 372    | 124        | 115       | 192      | 233    | 460     | 22       |
| \$1,000, 2002  | 9,995  | 499        | 1,304     | 703      | 2,077  | 9,564   | 80       |
| 1997   | 15,430 | 692        | 1,442     | 1,445    | 2,440  | 12,019  | 64       |
| Gasoline, fuels, and oils .....  |        |            |           |          |        |         |          |
| farms, 2002  | 795    | 292        | 247       | 363      | 361    | 1,187   | 41       |
| 1997   | 749    | 208        | 228       | 366      | 351    | 1,209   | 32       |
| \$1,000, 2002  | 2,625  | 349        | 268       | 270      | 533    | 3,495   | 20       |
| 1997   | 3,048  | 242        | 282       | 445      | 476    | 3,642   | 15       |
| Utilities (see text) .....   |        |            |           |          |        |         |          |
| farms, 2002  | 488    | 207        | 141       | 255      | 166    | 572     | 35       |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 1,532  | 230        | 210       | 217      | 306    | 2,659   | 20       |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Supplies, repairs, and maintenance .....   |        |            |           |          |        |         |          |
| farms, 2002  | 776    | 279        | 225       | 335      | 341    | 1,076   | 36       |
| 1997   | 716    | 178        | 190       | 305      | 289    | 1,142   | 28       |
| \$1,000, 2002  | 4,974  | 1,067      | 659       | 721      | 1,358  | 7,008   | 91       |
| 1997   | 3,302  | 410        | 440       | 732      | 719    | 5,850   | 31       |
| Hired farm labor .....   |        |            |           |          |        |         |          |
| farms, 2002  | 234    | 30         | 50        | 92       | 50     | 243     | 2        |
| 1997   | 202    | 52         | 60        | 107      | 76     | 388     | 5        |
| \$1,000, 2002  | 6,869  | 348        | 820       | 408      | 849    | 7,909   | (D)      |
| 1997   | 4,552  | 296        | 528       | 608      | 631    | 7,679   | (D)      |
| Contract labor .....   |        |            |           |          |        |         |          |
| farms, 2002  | 61     | 4          | 21        | 18       | 11     | 72      | 1        |
| 1997   | 67     | 14         | 10        | 28       | 27     | 94      | 2        |
| \$1,000, 2002  | 181    | (D)        | 115       | 29       | (D)    | 340     | (D)      |
| 1997   | 604    | 45         | 33        | 29       | 86     | 284     | (D)      |
| Customwork and custom hauling .....  |        |            |           |          |        |         |          |
| farms, 2002  | 204    | 23         | 25        | 28       | 52     | 402     | 2        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 1,086  | (D)        | 82        | 19       | 100    | 3,088   | (D)      |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 |        |            |           |          |        |         |          |
| farms, 2002  | 207    | 47         | 43        | 53       | 54     | 307     | -        |
| 1997   | 268    | 33         | 41        | 90       | 82     | 448     | 2        |
| \$1,000, 2002  | 4,597  | 104        | 67        | 124      | 136    | 6,252   | -        |
| 1997   | 3,221  | 77         | 65        | 131      | 221    | 4,688   | (D)      |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... |        |            |           |          |        |         |          |
| farms, 2002  | 77     | 22         | 9         | 17       | 25     | 59      | 2        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 614    | 97         | 24        | 60       | (D)    | 675     | (D)      |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Interest expense .....   |        |            |           |          |        |         |          |
| farms, 2002  | 365    | 79         | 74        | 112      | 183    | 440     | 10       |
| 1997   | 358    | 61         | 59        | 125      | 198    | 539     | 10       |
| \$1,000, 2002  | 5,152  | 449        | 407       | 411      | 1,215  | 5,928   | 38       |
| 1997   | 5,393  | 280        | 252       | 613      | 1,313  | 4,976   | 26       |
| Secured by real estate .....   |        |            |           |          |        |         |          |
| farms, 2002  | 312    | 69         | 51        | 69       | 132    | 347     | 9        |
| 1997   | 262    | 38         | 46        | 94       | 154    | 446     | 6        |
| \$1,000, 2002  | 4,217  | 372        | 335       | 319      | 933    | 3,967   | (D)      |
| 1997   | 3,756  | 160        | 190       | 496      | 665    | 3,328   | 18       |
| Not secured by real estate .....   |        |            |           |          |        |         |          |
| farms, 2002  | 122    | 24         | 39        | 62       | 89     | 282     | 1        |
| 1997   | 216    | 36         | 24        | 57       | 99     | 239     | 6        |
| \$1,000, 2002  | 935    | 77         | 72        | 92       | 282    | 1,961   | (D)      |
| 1997   | 1,637  | 120        | 62        | 117      | 648    | 1,648   | 7        |
| Property taxes paid .....  |        |            |           |          |        |         |          |
| farms, 2002  | 759    | 284        | 265       | 365      | 385    | 1,152   | 46       |
| 1997   | 740    | 227        | 244       | 376      | 412    | 1,187   | 35       |
| \$1,000, 2002  | 2,332  | 552        | 449       | 833      | 789    | 3,942   | 96       |
| 1997   | 2,104  | 313        | 315       | 416      | 569    | 3,143   | 47       |
| All other production expenses (see text) .....                                     |        |            |           |          |        |         |          |
| farms, 2002  | 506    | 171        | 143       | 163      | 211    | 731     | 20       |
| 1997   | 760    | 180        | 212       | 317      | 340    | 1,136   | 28       |
| \$1,000, 2002  | 5,005  | 605        | 591       | 456      | 1,213  | 8,807   | 28       |
| 1997   | 5,448  | 455        | 473       | 674      | 1,286  | 6,356   | 35       |
| Depreciation expenses claimed (see text) .....                                     |        |            |           |          |        |         |          |
| farms, 2002  | 296    | 88         | 90        | 129      | 146    | 582     | 9        |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| \$1,000, 2002  | 8,138  | 792        | 700       | 706      | 1,258  | 10,015  | 133      |
| 1997   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Delta         | Dickinson | Eaton  | Emmet  | Genesee | Gladwin | Gogebic |
|--|---------------|-----------|--------|--------|---------|---------|---------|
| Total farm production expenses .....   |               |           |        |        |         |         |         |
| farms, 2002  | 273           | 147       | 1,223  | 273    | 1,056   | 537     | 49      |
| 1997   | 289           | 134       | 1,248  | 246    | 967     | 501     | 62      |
| \$1,000, 2002  | 7,980         | 3,665     | 50,408 | 4,456  | 36,043  | 7,195   | 770     |
| 1997   | 6,041         | 3,440     | 47,607 | 4,435  | 29,266  | 8,795   | 313     |
| Average per farm .....   | dollars, 2002 | 29,232    | 24,932 | 41,216 | 16,324  | 34,131  | 13,399  |
|  | 1997          | 20,902    | 25,668 | 38,146 | 18,027  | 30,265  | 17,554  |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               | farms, 2002   | 167       | 65     | 558    | 111     | 436     | 179     |
|  | 1997          | 160       | 69     | 747    | 144     | 405     | 277     |
|  | \$1,000, 2002 | 472       | 190    | 5,273  | 225     | 3,027   | 760     |
|  | 1997          | 552       | 252    | 6,198  | 253     | 3,190   | 1,049   |
| Chemicals purchased .....  | farms, 2002   | 100       | 36     | 546    | 91      | 416     | 158     |
|  | 1997          | 123       | 51     | 666    | 98      | 414     | 183     |
|  | \$1,000, 2002 | 290       | 111    | 2,983  | 101     | 2,096   | 329     |
|  | 1997          | 242       | 179    | 3,818  | 135     | 2,149   | 480     |
| Seeds, plants, vines, and trees .....  | farms, 2002   | 151       | 44     | 622    | 104     | 410     | 163     |
|  | 1997          | 133       | 70     | 702    | 107     | 428     | 211     |
|  | \$1,000, 2002 | 328       | 354    | 4,831  | 154     | 2,954   | 348     |
|  | 1997          | 336       | 207    | 4,586  | 133     | 1,961   | 421     |
| Livestock and poultry purchased .....  | farms, 2002   | 56        | 39     | 287    | 53      | 176     | 152     |
|  | 1997          | 64        | 41     | 310    | 63      | 262     | 167     |
|  | \$1,000, 2002 | 140       | 49     | 3,202  | 71      | 768     | 424     |
|  | 1997          | 156       | 130    | 2,243  | 291     | 2,418   | 447     |
| Breeding livestock purchased (see text) .....                                      | farms, 2002   | 35        | 18     | 128    | 21      | 111     | 56      |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
|  | \$1,000, 2002 | 67        | 18     | 182    | 38      | 132     | 115     |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| Other livestock and poultry purchased .....  | farms, 2002   | 33        | 30     | 210    | 34      | 117     | 109     |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
|  | \$1,000, 2002 | 73        | 32     | 3,019  | 33      | 636     | 309     |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| Feed purchased .....   | farms, 2002   | 156       | 90     | 519    | 153     | 570     | 321     |
|  | 1997          | 126       | 66     | 451    | 114     | 445     | 278     |
|  | \$1,000, 2002 | 1,517     | 644    | 6,557  | 457     | 2,630   | 685     |
|  | 1997          | 665       | 707    | 4,294  | 627     | 2,275   | 1,258   |
| Gasoline, fuels, and oils .....  | farms, 2002   | 260       | 141    | 1,212  | 258     | 1,004   | 517     |
|  | 1997          | 284       | 112    | 1,115  | 224     | 852     | 432     |
|  | \$1,000, 2002 | 636       | 273    | 2,106  | 368     | 1,568   | 534     |
|  | 1997          | 418       | 236    | 2,915  | 257     | 1,580   | 525     |
| Utilities (see text) .....   | farms, 2002   | 204       | 92     | 697    | 135     | 622     | 278     |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
|  | \$1,000, 2002 | 425       | 131    | 1,425  | 224     | 953     | 251     |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| Supplies, repairs, and maintenance .....   | farms, 2002   | 248       | 141    | 1,139  | 224     | 939     | 472     |
|  | 1997          | 241       | 109    | 1,048  | 208     | 739     | 369     |
|  | \$1,000, 2002 | 981       | 541    | 4,541  | 621     | 3,733   | 1,016   |
|  | 1997          | 745       | 329    | 4,130  | 563     | 2,573   | 825     |
| Hired farm labor .....   | farms, 2002   | 71        | 31     | 243    | 49      | 192     | 69      |
|  | 1997          | 102       | 40     | 287    | 64      | 256     | 142     |
|  | \$1,000, 2002 | 741       | 332    | 2,879  | 680     | 4,850   | 345     |
|  | 1997          | 847       | 326    | 3,787  | 494     | 2,400   | 436     |
| Contract labor .....   | farms, 2002   | 5         | 7      | 62     | 12      | 103     | 28      |
|  | 1997          | 7         | 7      | 59     | 6       | 25      | 22      |
|  | \$1,000, 2002 | 11        | 3      | 186    | 7       | 1,332   | 109     |
|  | 1997          | 7         | 25     | 232    | 5       | 38      | 35      |
| Customwork and custom hauling .....  | farms, 2002   | 34        | 13     | 277    | 24      | 68      | 59      |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
|  | \$1,000, 2002 | 90        | 35     | 1,929  | 76      | 322     | 53      |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 | farms, 2002   | 46        | 25     | 284    | 48      | 190     | 78      |
|  | 1997          | 55        | 25     | 319    | 46      | 195     | 138     |
|  | \$1,000, 2002 | 319       | 51     | 4,140  | 93      | 2,663   | 286     |
|  | 1997          | 191       | 58     | 3,130  | 96      | 1,964   | 644     |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... | farms, 2002   | 11        | -      | 68     | 12      | 74      | 14      |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
|  | \$1,000, 2002 | 27        | -      | 416    | 107     | 419     | 56      |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| Interest expense .....   | farms, 2002   | 80        | 44     | 423    | 51      | 312     | 90      |
|  | 1997          | 98        | 44     | 449    | 70      | 286     | 223     |
|  | \$1,000, 2002 | 473       | 224    | 3,095  | 190     | 2,112   | 493     |
|  | 1997          | 448       | 211    | 3,243  | 279     | 2,331   | 878     |
| Secured by real estate .....   | farms, 2002   | 75        | 36     | 364    | 28      | 204     | 78      |
|  | 1997          | 85        | 32     | 324    | 55      | 214     | 136     |
|  | \$1,000, 2002 | 362       | 142    | 2,348  | 85      | 1,606   | 447     |
|  | 1997          | 329       | 130    | 2,167  | 175     | 1,451   | 487     |
| Not secured by real estate .....   | farms, 2002   | 21        | 14     | 196    | 34      | 195     | 31      |
|  | 1997          | 55        | 25     | 248    | 30      | 207     | 120     |
|  | \$1,000, 2002 | 110       | 82     | 748    | 105     | 507     | 46      |
|  | 1997          | 119       | 82     | 1,076  | 104     | 881     | 391     |
| Property taxes paid .....  | farms, 2002   | 273       | 141    | 1,123  | 262     | 1,011   | 504     |
|  | 1997          | 276       | 127    | 1,178  | 240     | 933     | 480     |
|  | \$1,000, 2002 | 597       | 313    | 3,287  | 599     | 3,109   | 816     |
|  | 1997          | 438       | 188    | 2,636  | 453     | 1,968   | 710     |
| All other production expenses (see text) .....                                     | farms, 2002   | 171       | 93     | 664    | 115     | 625     | 342     |
|  | 1997          | 237       | 115    | 1,171  | 203     | 813     | 405     |
|  | \$1,000, 2002 | 933       | 413    | 3,559  | 484     | 3,507   | 690     |
|  | 1997          | 775       | 480    | 4,679  | 688     | 3,533   | 741     |
| Depreciation expenses claimed (see text) .....                                     | farms, 2002   | 135       | 51     | 412    | 65      | 525     | 169     |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
|  | \$1,000, 2002 | 835       | 392    | 6,241  | 483     | 4,310   | 734     |
|  | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Grand<br>Traverse | Gratiot | Hillsdale | Houghton | Huron   | Ingham  | Ionia  | Iosco  |
|--|-------------------|---------|-----------|----------|---------|---------|--------|--------|
| Total farm production expenses .....   |                   |         |           |          |         |         |        |        |
| farms, 2002  | 482               | 1,019   | 1,504     | 160      | 1,184   | 1,024   | 1,145  | 284    |
| 1997   | 484               | 986     | 1,436     | 153      | 1,287   | 973     | 1,163  | 277    |
| \$1,000, 2002  | 15,989            | 97,202  | 73,414    | 2,650    | 178,641 | 50,412  | 91,102 | 11,293 |
| 1997   | 14,224            | 78,418  | 56,167    | 2,212    | 171,622 | 52,129  | 78,414 | 5,225  |
| Average per farm .....   | dollars, 2002     | 33,173  | 95,390    | 48,812   | 16,563  | 150,880 | 49,230 | 79,565 |
|  | 1997              | 29,389  | 79,531    | 39,114   | 14,458  | 133,350 | 53,575 | 67,424 |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               | farms, 2002       | 284     | 598       | 596      | 70      | 686     | 635    | 641    |
|  | 1997              | 306     | 662       | 721      | 67      | 914     | 645    | 685    |
|  | \$1,000, 2002     | 705     | 8,715     | 5,615    | 102     | 15,320  | 4,438  | 6,365  |
|  | 1997              | 1,068   | 9,084     | 5,771    | 79      | 17,862  | 5,772  | 7,631  |
| Chemicals purchased .....  | farms, 2002       | 244     | 592       | 473      | 38      | 682     | 510    | 542    |
|  | 1997              | 292     | 640       | 689      | 38      | 847     | 542    | 709    |
|  | \$1,000, 2002     | 1,160   | 6,192     | 3,238    | 38      | 10,102  | 2,856  | 4,426  |
|  | 1997              | 1,548   | 5,995     | 4,021    | 8       | 8,179   | 3,280  | 4,559  |
| Seeds, plants, vines, and trees .....  | farms, 2002       | 242     | 598       | 595      | 67      | 633     | 515    | 591    |
|  | 1997              | 218     | 667       | 715      | 63      | 886     | 562    | 734    |
|  | \$1,000, 2002     | 816     | 8,195     | 7,075    | 82      | 10,585  | 5,118  | 4,820  |
|  | 1997              | 478     | 5,644     | 3,974    | 40      | 8,890   | 3,310  | 4,266  |
| Livestock and poultry purchased .....  | farms, 2002       | 89      | 139       | 258      | 30      | 331     | 213    | 298    |
|  | 1997              | 99      | 292       | 219      | 37      | 398     | 262    | 348    |
|  | \$1,000, 2002     | 301     | 13,348    | 4,464    | (D)     | 24,872  | 922    | 4,968  |
|  | 1997              | 546     | 6,804     | 4,594    | 84      | 31,366  | 2,437  | 4,128  |
| Breeding livestock purchased (see text) .....                                      | farms, 2002       | 44      | 67        | 171      | 6       | 133     | 110    | 156    |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
|  | \$1,000, 2002     | 58      | 1,189     | 1,237    | 3       | 1,787   | 325    | 719    |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
| Other livestock and poultry purchased .....  | farms, 2002       | 73      | 105       | 153      | 30      | 227     | 111    | 187    |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
|  | \$1,000, 2002     | 243     | 12,160    | 3,227    | (D)     | 23,085  | 596    | 4,249  |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
| Feed purchased .....   | farms, 2002       | 152     | 253       | 496      | 97      | 502     | 531    | 601    |
|  | 1997              | 144     | 408       | 413      | 78      | 521     | 458    | 527    |
|  | \$1,000, 2002     | 876     | 16,337    | 11,039   | 249     | 25,379  | 3,666  | 18,938 |
|  | 1997              | 1,129   | 13,022    | 7,155    | 467     | 32,031  | 4,912  | 3,188  |
| Gasoline, fuels, and oils .....  | farms, 2002       | 421     | 947       | 1,388    | 152     | 1,143   | 1,021  | 1,136  |
|  | 1997              | 402     | 916       | 1,196    | 138     | 1,151   | 870    | 1,038  |
|  | \$1,000, 2002     | 770     | 3,477     | 2,553    | 192     | 7,151   | 2,580  | 3,352  |
|  | 1997              | 787     | 4,082     | 2,832    | 139     | 6,766   | 2,680  | 3,227  |
| Utilities (see text) .....   | farms, 2002       | 344     | 554       | 654      | 114     | 772     | 497    | 657    |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
|  | \$1,000, 2002     | 678     | 1,288     | 1,784    | 106     | 3,575   | 1,015  | 2,546  |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
| Supplies, repairs, and maintenance .....   | farms, 2002       | 417     | 874       | 1,305    | 158     | 1,117   | 906    | 1,099  |
|  | 1997              | 373     | 853       | 996      | 123     | 1,118   | 853    | 890    |
|  | \$1,000, 2002     | 1,524   | 7,453     | 5,475    | 362     | 14,801  | 5,322  | 9,383  |
|  | 1997              | 1,504   | 5,818     | 4,229    | 316     | 10,703  | 4,359  | 5,007  |
| Hired farm labor .....   | farms, 2002       | 139     | 199       | 377      | 23      | 423     | 261    | 148    |
|  | 1997              | 183     | 319       | 298      | 53      | 521     | 291    | 325    |
|  | \$1,000, 2002     | 2,953   | 5,818     | 8,587    | 528     | 13,195  | 7,387  | 10,500 |
|  | 1997              | 2,015   | 5,765     | 4,684    | 303     | 10,374  | 7,780  | 7,691  |
| Contract labor .....   | farms, 2002       | 85      | 56        | 89       | 10      | 59      | 51     | 50     |
|  | 1997              | 88      | 118       | 113      | 12      | 143     | 51     | 68     |
|  | \$1,000, 2002     | 854     | 1,129     | 155      | 6       | 1,267   | 308    | 1,350  |
|  | 1997              | 181     | 493       | 372      | 27      | 1,569   | 263    | 1,671  |
| Customwork and custom hauling .....  | farms, 2002       | 50      | 208       | 239      | 16      | 271     | 254    | 252    |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
|  | \$1,000, 2002     | 36      | 1,384     | 2,655    | 19      | 2,637   | 973    | 1,148  |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 | farms, 2002       | 73      | 240       | 275      | 13      | 397     | 181    | 258    |
|  | 1997              | 53      | 274       | 350      | 25      | 477     | 260    | 277    |
|  | \$1,000, 2002     | 350     | 7,749     | 5,035    | 84      | 14,876  | 3,294  | 4,464  |
|  | 1997              | 330     | 4,782     | 5,496    | 27      | 11,629  | 3,473  | 3,820  |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... | farms, 2002       | 64      | 142       | 117      | 2       | 114     | 45     | 65     |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
|  | \$1,000, 2002     | 207     | 1,388     | 789      | (D)     | 1,578   | 347    | 791    |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
| Interest expense .....   | farms, 2002       | 185     | 447       | 477      | 63      | 571     | 273    | 462    |
|  | 1997              | 135     | 489       | 593      | 49      | 632     | 396    | 438    |
|  | \$1,000, 2002     | 1,536   | 5,339     | 5,159    | 223     | 11,163  | 3,936  | 6,728  |
|  | 1997              | 878     | 5,085     | 4,271    | 159     | 11,454  | 3,678  | 5,609  |
| Secured by real estate .....   | farms, 2002       | 156     | 366       | 407      | 51      | 395     | 204    | 383    |
|  | 1997              | 88      | 393       | 476      | 40      | 477     | 288    | 384    |
|  | \$1,000, 2002     | 1,337   | 3,724     | 3,973    | 194     | 7,450   | 2,722  | 5,801  |
|  | 1997              | 651     | 3,168     | 2,557    | 110     | 8,006   | 2,278  | 3,465  |
| Not secured by real estate .....   | farms, 2002       | 68      | 230       | 242      | 26      | 344     | 189    | 206    |
|  | 1997              | 92      | 250       | 348      | 26      | 369     | 207    | 218    |
|  | \$1,000, 2002     | 199     | 1,615     | 1,186    | 29      | 3,713   | 1,214  | 927    |
|  | 1997              | 227     | 1,917     | 1,714    | 49      | 3,448   | 1,401  | 2,144  |
| Property taxes paid .....  | farms, 2002       | 455     | 946       | 1,467    | 160     | 1,158   | 935    | 1,074  |
|  | 1997              | 433     | 885       | 1,386    | 153     | 1,183   | 919    | 1,141  |
|  | \$1,000, 2002     | 1,382   | 3,011     | 4,022    | 271     | 5,866   | 3,297  | 3,936  |
|  | 1997              | 1,162   | 2,342     | 2,301    | 219     | 4,773   | 2,864  | 2,678  |
| All other production expenses (see text) .....                                     | farms, 2002       | 284     | 568       | 635      | 107     | 709     | 583    | 576    |
|  | 1997              | 424     | 822       | 1,164    | 118     | 1,148   | 886    | 149    |
|  | \$1,000, 2002     | 1,842   | 6,379     | 5,769    | 352     | 16,274  | 4,954  | 247    |
|  | 1997              | 1,987   | 7,010     | 4,140    | 253     | 11,016  | 4,912  | 1,099  |
| Depreciation expenses claimed (see text) .....                                     | farms, 2002       | 218     | 505       | 434      | 76      | 641     | 515    | 550    |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |
|  | \$1,000, 2002     | 1,755   | 10,069    | 9,477    | 714     | 21,402  | 7,432  | 10,711 |
|  | 1997              | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   |

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Iron   | Isabella | Jackson | Kalamazoo | Kalkaska | Kent    | Keweenaw | Lake   |
|--|--------|----------|---------|-----------|----------|---------|----------|--------|
| Total farm production expenses .....   |        |          |         |           |          |         |          |        |
| farms, 2002  | 107    | 957      | 1,267   | 808       | 170      | 1,210   | 11       | 172    |
| 1997   | 103    | 1,039    | 1,169   | 812       | 162      | 1,349   | 7        | 152    |
| \$1,000, 2002  | 2,356  | 44,784   | 46,247  | 136,382   | 5,064    | 119,506 | 103      | 1,585  |
| Average per farm .....   |        |          |         |           |          |         |          |        |
| dollars, 2002  | 22,017 | 46,796   | 36,501  | 168,790   | 29,787   | 98,766  | 9,390    | 9,214  |
| 1997   | 14,818 | 44,435   | 38,456  | 100,876   | 26,971   | 75,578  | 4,783    | 12,492 |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               |        |          |         |           |          |         |          |        |
| farms, 2002  | 45     | 543      | 562     | 470       | 66       | 619     | 4        | 56     |
| 1997   | 39     | 722      | 673     | 515       | 89       | 820     | 2        | 70     |
| \$1,000, 2002  | 197    | 4,175    | 3,808   | 4,756     | 276      | 5,541   | 1        | 54     |
| Chemicals purchased .....  |        |          |         |           |          |         |          |        |
| farms, 2002  | 28     | 491      | 468     | 446       | 52       | 418     | -        | 29     |
| 1997   | 24     | 591      | 652     | 406       | 54       | 757     | 1        | 25     |
| \$1,000, 2002  | 118    | 2,606    | 2,321   | 3,791     | 301      | 7,533   | -        | 10     |
| Seeds, plants, vines, and trees .....  |        |          |         |           |          |         |          |        |
| farms, 2002  | 36     | 521      | 491     | 416       | 63       | 520     | 7        | 69     |
| 1997   | 29     | 666      | 650     | 530       | 83       | 687     | 2        | 56     |
| \$1,000, 2002  | 191    | 3,964    | 2,956   | 16,219    | 401      | 12,719  | 1        | 31     |
| 1997   | 60     | 2,407    | 2,754   | 5,694     | 508      | 6,910   | (D)      | 42     |
| Livestock and poultry purchased .....  |        |          |         |           |          |         |          |        |
| farms, 2002  | 32     | 226      | 384     | 202       | 57       | 191     | 6        | 35     |
| 1997   | 38     | 212      | 303     | 152       | 35       | 276     | 2        | 45     |
| \$1,000, 2002  | 38     | 3,723    | 5,779   | 6,314     | 65       | 3,275   | (D)      | (D)    |
| Breeding livestock purchased (see text) .....                                      |        |          |         |           |          |         |          |        |
| farms, 2002  | 15     | 76       | 181     | 127       | 16       | 106     | 3        | 12     |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| \$1,000, 2002  | 23     | 924      | 450     | 566       | 8        | 2,498   | 3        | 2      |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| Other livestock and poultry purchased .....  |        |          |         |           |          |         |          |        |
| farms, 2002  | 19     | 175      | 132     | 52        | 133      | 3       | 30       |        |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     |        |
| \$1,000, 2002  | 14     | 2,800    | 5,328   | 5,748     | 57       | 778     | (D)      | (D)    |
| Feed purchased .....   |        |          |         |           |          |         |          |        |
| farms, 2002  | 65     | 390      | 642     | 403       | 99       | 674     | 8        | 119    |
| 1997   | 58     | 380      | 455     | 263       | 56       | 581     | 5        | 76     |
| \$1,000, 2002  | 149    | 4,832    | 5,189   | 11,283    | 450      | 10,630  | 16       | 314    |
| 1997   | 127    | 8,927    | 4,055   | 11,010    | 381      | 7,365   | 12       | 381    |
| Gasoline, fuels, and oils .....  |        |          |         |           |          |         |          |        |
| farms, 2002  | 99     | 907      | 1,209   | 791       | 144      | 1,177   | 11       | 168    |
| 1997   | 100    | 930      | 1,101   | 726       | 145      | 1,286   | 5        | 143    |
| \$1,000, 2002  | 157    | 2,076    | 2,336   | 5,674     | 277      | 4,972   | 17       | 114    |
| Utilities (see text) .....   |        |          |         |           |          |         |          |        |
| farms, 2002  | 77     | 505      | 682     | 501       | 96       | 737     | 7        | 84     |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| \$1,000, 2002  | 60     | 1,168    | 1,329   | 4,733     | 187      | 3,519   | 4        | 76     |
| Supplies, repairs, and maintenance .....   |        |          |         |           |          |         |          |        |
| farms, 2002  | 96     | 858      | 1,135   | 701       | 146      | 1,121   | 11       | 151    |
| 1997   | 90     | 852      | 950     | 669       | 129      | 1,168   | 7        | 103    |
| \$1,000, 2002  | 271    | 5,271    | 4,737   | 13,691    | 636      | 10,604  | 35       | 213    |
| Hired farm labor .....   |        |          |         |           |          |         |          |        |
| farms, 2002  | 27     | 186      | 185     | 262       | 23       | 354     | -        | 18     |
| 1997   | 30     | 265      | 224     | 311       | 54       | 576     | -        | 20     |
| \$1,000, 2002  | 622    | 3,260    | 2,972   | 34,184    | 808      | 27,825  | 47       | 47     |
| 1997   | 268    | 4,552    | 3,500   | 16,737    | 446      | 25,982  | -        | 115    |
| Contract labor .....   |        |          |         |           |          |         |          |        |
| farms, 2002  | 6      | 42       | 111     | 57        | 11       | 98      | -        | -      |
| 1997   | 1      | 62       | 68      | 61        | 21       | 144     | -        | 8      |
| \$1,000, 2002  | 11     | 334      | 279     | 282       | (D)      | 1,248   | -        | -      |
| Customwork and custom hauling .....  |        |          |         |           |          |         |          |        |
| farms, 2002  | 20     | 164      | 178     | 114       | 20       | 204     | 3        | 8      |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| \$1,000, 2002  | 34     | 681      | 674     | 2,075     | 92       | 3,688   | (Z)      | (D)    |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 |        |          |         |           |          |         |          |        |
| farms, 2002  | 22     | 228      | 205     | 163       | 4        | 358     | 1        | 13     |
| 1997   | 30     | 254      | 308     | 221       | 15       | 377     | -        | 23     |
| \$1,000, 2002  | 140    | 3,096    | 2,277   | 4,582     | (D)      | 5,293   | (D)      | 87     |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... |        |          |         |           |          |         |          |        |
| farms, 2002  | 3      | 72       | 69      | 118       | 12       | 85      | -        | 1      |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| \$1,000, 2002  | 1      | 505      | 513     | 978       | 85       | 448     | -        | (D)    |
| Interest expense .....   |        |          |         |           |          |         |          |        |
| farms, 2002  | 26     | 311      | 352     | 376       | 79       | 328     | 3        | 42     |
| 1997   | 28     | 482      | 473     | 308       | 52       | 410     | 4        | 41     |
| \$1,000, 2002  | 74     | 2,795    | 2,763   | 6,642     | 402      | 5,156   | 3        | 165    |
| Secured by real estate .....   |        |          |         |           |          |         |          |        |
| farms, 2002  | 65     | 3,242    | 3,431   | 5,774     | 354      | 5,910   | 4        | 154    |
| 1997   | (D)    | (D)      | (D)     | (D)       | (D)      | (D)     | (D)      | (D)    |
| Not secured by real estate .....   |        |          |         |           |          |         |          |        |
| farms, 2002  | 11     | 160      | 137     | 206       | 29       | 190     | 3        | 11     |
| 1997   | 11     | 239      | 215     | 180       | 29       | 245     | 3        | 22     |
| \$1,000, 2002  | 715    | 711      | 1,465   | 124       | 1,523    | 3       | 34       |        |
| Property taxes paid .....  |        |          |         |           |          |         |          |        |
| farms, 2002  | 102    | 922      | 1,213   | 764       | 158      | 1,821   | (D)      | 63     |
| 1997   | 96     | 1,000    | 1,101   | 790       | 156      | 1,281   | 7        | 149    |
| \$1,000, 2002  | 151    | 2,172    | 4,161   | 4,946     | 296      | 4,467   | 6        | 281    |
| All other production expenses (see text) .....                                     |        |          |         |           |          |         |          |        |
| farms, 2002  | 66     | 552      | 733     | 540       | 98       | 770     | 5        | 90     |
| 1997   | 88     | 892      | 1,028   | 706       | 134      | 1,209   | 7        | 120    |
| \$1,000, 2002  | 142    | 4,125    | 4,152   | 16,235    | 632      | 12,588  | 16       | 155    |
| Depreciation expenses claimed (see text) .....                                     |        |          |         |           |          |         |          |        |
| farms, 2002  | 54     | 370      | 396     | 433       | 33       | 539     | 7        | 21     |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| \$1,000, 2002  | 321    | 5,006    | 5,123   | 14,733    | 398      | 12,832  | 13       | 253    |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Lapeer | Leelanau | Lenawee | Livingston | Luce   | Mackinac | Macomb | Manistee |
|--|--------|----------|---------|------------|--------|----------|--------|----------|
| Total farm production expenses .....   |        |          |         |            |        |          |        |          |
| farms, 2002  | 1,183  | 428      | 1,440   | 880        | 30     | 72       | 517    | 316      |
| 1997   | 1,223  | 423      | 1,514   | 768        | 36     | 86       | 608    | 331      |
| \$1,000, 2002  | 49,895 | 18,859   | 98,891  | 31,350     | 1,874  | 2,495    | 34,218 | 7,424    |
| 1997   | 47,577 | 21,812   | 84,341  | 25,988     | 1,068  | 2,593    | 33,064 | 8,254    |
| Average per farm .....   |        |          |         |            |        |          |        |          |
| dollars, 2002  | 42,176 | 44,063   | 68,674  | 35,625     | 62,469 | 34,654   | 66,185 | 23,492   |
| 1997   | 38,902 | 51,565   | 55,708  | 33,839     | 29,672 | 30,156   | 54,382 | 24,936   |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               |        |          |         |            |        |          |        |          |
| farms, 2002  | 625    | 321      | 797     | 418        | 13     | 19       | 257    | 218      |
| 1997   | 672    | 351      | 885     | 389        | 25     | 33       | 395    | 186      |
| \$1,000, 2002  | 4,397  | 1,035    | 9,057   | 1,904      | 81     | 36       | 1,979  | 459      |
| 1997   | 4,156  | 1,310    | 10,696  | 1,994      | 61     | 85       | 1,486  | 639      |
| Chemicals purchased .....  |        |          |         |            |        |          |        |          |
| farms, 2002  | 456    | 284      | 766     | 263        | 11     | 18       | 267    | 124      |
| 1997   | 514    | 329      | 905     | 298        | 12     | 20       | 313    | 176      |
| \$1,000, 2002  | 2,367  | 2,765    | 7,236   | 1,050      | 61     | 9        | 1,228  | 558      |
| 1997   | 2,811  | 3,391    | 7,660   | 1,845      | 37     | 84       | 1,441  | 1,076    |
| Seeds, plants, vines, and trees .....  |        |          |         |            |        |          |        |          |
| farms, 2002  | 638    | 188      | 791     | 297        | 12     | 16       | 263    | 134      |
| 1997   | 597    | 233      | 889     | 313        | 16     | 33       | 344    | 163      |
| \$1,000, 2002  | 4,123  | 517      | 7,006   | 1,515      | 184    | 61       | 5,182  | 241      |
| 1997   | 2,564  | 463      | 6,415   | 1,517      | 98     | 22       | 3,892  | 345      |
| Livestock and poultry purchased .....  |        |          |         |            |        |          |        |          |
| farms, 2002  | 408    | 32       | 281     | 162        | 16     | 19       | 82     | 60       |
| 1997   | 339    | 48       | 272     | 192        | 5      | 25       | 142    | 73       |
| \$1,000, 2002  | 2,852  | (D)      | 7,314   | 626        | 183    | 109      | 1,807  | 373      |
| 1997   | 3,685  | 1,265    | 5,469   | 1,209      | 106    | 180      | 469    | 245      |
| Breeding livestock purchased (see text) .....                                      |        |          |         |            |        |          |        |          |
| farms, 2002  | 167    | 18       | 106     | 48         | 6      | 11       | 47     | 28       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | 387    | (D)      | 2,794   | 20         | 14     | (D)      | 88     | 49       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| Other livestock and poultry purchased .....  |        |          |         |            |        |          |        |          |
| farms, 2002  | 272    | 20       | 212     | 114        | 11     | 12       | 36     | 32       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | 2,466  | (D)      | 4,520   | 606        | 169    | (D)      | 1,720  | 324      |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| Feed purchased .....   |        |          |         |            |        |          |        |          |
| farms, 2002  | 664    | 146      | 456     | 554        | 19     | 46       | 233    | 108      |
| 1997   | 589    | 85       | 445     | 364        | 10     | 44       | 215    | 102      |
| \$1,000, 2002  | 4,118  | 572      | 10,542  | 3,466      | 90     | 709      | 1,019  | 175      |
| 1997   | 4,666  | 443      | 4,116   | 2,622      | 62     | 687      | 844    | 197      |
| Gasoline, fuels, and oils .....  |        |          |         |            |        |          |        |          |
| farms, 2002  | 1,129  | 421      | 1,291   | 855        | 23     | 66       | 448    | 297      |
| 1997   | 1,082  | 381      | 1,349   | 598        | 35     | 78       | 607    | 299      |
| \$1,000, 2002  | 2,534  | 756      | 3,570   | 1,428      | 119    | 114      | 1,717  | 440      |
| 1997   | 2,573  | 1,010    | 4,398   | 1,477      | 64     | 139      | 2,444  | 574      |
| Utilities (see text) .....   |        |          |         |            |        |          |        |          |
| farms, 2002  | 813    | 267      | 720     | 528        | 15     | 50       | 240    | 144      |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | 1,418  | 443      | 1,779   | 870        | 41     | 93       | 706    | 322      |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| Supplies, repairs, and maintenance .....   |        |          |         |            |        |          |        |          |
| farms, 2002  | 1,101  | 373      | 1,203   | 698        | 22     | 63       | 468    | 316      |
| 1997   | 1,013  | 365      | 1,257   | 539        | 27     | 75       | 524    | 273      |
| \$1,000, 2002  | 5,758  | 1,762    | 8,041   | 5,806      | 236    | 296      | 5,061  | 1,281    |
| 1997   | 4,599  | 1,743    | 7,185   | 2,209      | 97     | 215      | 2,595  | 909      |
| Hired farm labor .....   |        |          |         |            |        |          |        |          |
| farms, 2002  | 240    | 141      | 232     | 180        | 7      | 12       | 118    | 70       |
| 1997   | 400    | 225      | 404     | 219        | 16     | 24       | 177    | 122      |
| \$1,000, 2002  | 5,239  | 3,882    | 7,314   | 2,942      | (D)    | 458      | 7,234  | 1,109    |
| 1997   | 5,639  | 4,894    | 6,596   | 4,215      | 163    | 299      | 8,505  | 1,521    |
| Contract labor .....   |        |          |         |            |        |          |        |          |
| farms, 2002  | 74     | 26       | 68      | 80         | 3      | 2        | 56     | 18       |
| 1997   | 110    | 70       | 64      | 27         | 2      | 3        | 69     | 41       |
| \$1,000, 2002  | 1,404  | (D)      | 1,113   | 140        | (D)    | (D)      | 339    | 393      |
| 1997   | 542    | 484      | 174     | 104        | (D)    | 3        | 186    | 438      |
| Customwork and custom hauling .....  |        |          |         |            |        |          |        |          |
| farms, 2002  | 184    | 59       | 295     | 55         | 6      | 7        | 73     | 26       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | 520    | (D)      | 1,550   | 713        | 123    | (D)      | 144    | 38       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 |        |          |         |            |        |          |        |          |
| farms, 2002  | 440    | 68       | 445     | 150        | 11     | 18       | 187    | 35       |
| 1997   | 364    | 56       | 481     | 184        | 8      | 32       | 164    | 59       |
| \$1,000, 2002  | 3,082  | 448      | 14,902  | 1,654      | 26     | 102      | 1,227  | 357      |
| 1997   | 2,915  | 855      | 11,569  | 1,533      | (D)    | 29       | 1,018  | 168      |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... |        |          |         |            |        |          |        |          |
| farms, 2002  | 62     | 39       | 181     | 44         | 1      | 1        | 96     | 7        |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | 313    | 227      | 834     | 172        | (D)    | (D)      | 653    | 20       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| Interest expense .....   |        |          |         |            |        |          |        |          |
| farms, 2002  | 374    | 171      | 530     | 248        | 15     | 10       | 104    | 78       |
| 1997   | 411    | 167      | 662     | 231        | 19     | 30       | 165    | 117      |
| \$1,000, 2002  | 3,369  | 1,733    | 7,191   | 2,619      | 224    | 188      | 1,327  | 502      |
| 1997   | 3,033  | 1,402    | 7,279   | 1,671      | 112    | 166      | 1,212  | 560      |
| Secured by real estate .....   |        |          |         |            |        |          |        |          |
| farms, 2002  | 303    | 153      | 452     | 204        | 13     | 3        | 93     | 77       |
| 1997   | 261    | 122      | 436     | 154        | 8      | 21       | 110    | 77       |
| \$1,000, 2002  | 2,550  | 1,553    | 5,274   | 2,368      | 185    | (D)      | 973    | 394      |
| 1997   | 2,081  | 1,035    | 5,157   | 1,136      | 73     | 83       | 789    | 369      |
| Not secured by real estate .....   |        |          |         |            |        |          |        |          |
| farms, 2002  | 188    | 53       | 231     | 69         | 7      | 10       | 52     | 14       |
| 1997   | 266    | 71       | 398     | 126        | 13     | 22       | 77     | 65       |
| \$1,000, 2002  | 818    | 180      | 1,918   | 251        | 39     | 83       | 354    | 108      |
| 1997   | 952    | 368      | 2,121   | 536        | 38     | 83       | 423    | 191      |
| Property taxes paid .....  |        |          |         |            |        |          |        |          |
| farms, 2002  | 1,134  | 414      | 1,341   | 849        | 28     | 66       | 393    | 293      |
| 1997   | 1,188  | 405      | 1,383   | 725        | 36     | 81       | 573    | 303      |
| \$1,000, 2002  | 3,729  | 1,396    | 4,376   | 2,737      | 72     | 95       | 1,433  | 595      |
| 1997   | 2,578  | 1,284    | 3,960   | 1,956      | 42     | 105      | 1,623  | 533      |
| All other production expenses (see text) .....                                     |        |          |         |            |        |          |        |          |
| farms, 2002  | 800    | 277      | 905     | 563        | 25     | 47       | 241    | 121      |
| 1997   | 1,002  | 387      | 1,368   | 669        | 26     | 74       | 558    | 302      |
| \$1,000, 2002  | 4,671  | 2,163    | 7,065   | 3,706      | 109    | 185      | 3,162  | 561      |
| 1997   | 6,028  | 2,445    | 6,307   | 2,542      | 104    | 483      | 6,226  | 792      |
| Depreciation expenses claimed (see text) .....                                     |        |          |         |            |        |          |        |          |
| farms, 2002  | 477    | 166      | 621     | 359        | 12     | 14       | 148    | 90       |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| \$1,000, 2002  | 7,556  | 2,671    | 11,068  | 3,936      | 177    | (NA)     | 2,507  | 1,387    |
| 1997   | (NA)   | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Marquette | Mason  | Mecosta | Menominee | Midland | Missaukee | Monroe | Montcalm |
|--|-----------|--------|---------|-----------|---------|-----------|--------|----------|
| Total farm production expenses .....   |           |        |         |           |         |           |        |          |
| farms, 2002  | 159       | 476    | 795     | 371       | 510     | 412       | 1,184  | 1,140    |
| 1997   | 135       | 476    | 695     | 393       | 497     | 377       | 1,236  | 1,101    |
| \$1,000, 2002  | 4,494     | 27,663 | 26,624  | 16,156    | 19,665  | 34,596    | 85,379 | 86,965   |
| 1997   | 3,128     | 21,770 | 18,109  | 14,459    | 17,997  | 25,610    | 73,591 | 68,538   |
| Average per farm .....   |           |        |         |           |         |           |        |          |
| dollars, 2002  | 28,266    | 58,115 | 33,489  | 43,546    | 38,559  | 83,972    | 72,110 | 76,285   |
| 1997   | 23,167    | 45,734 | 26,056  | 36,791    | 36,211  | 67,931    | 59,540 | 62,250   |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               |           |        |         |           |         |           |        |          |
| farms, 2002  | 42        | 276    | 421     | 179       | 237     | 231       | 928    | 531      |
| 1997   | 54        | 281    | 389     | 259       | 318     | 186       | 856    | 691      |
| \$1,000, 2002  | 116       | 1,253  | 1,524   | 823       | 1,814   | 1,256     | 8,453  | 7,288    |
| 1997   | 130       | 1,834  | 1,546   | 1,174     | 2,313   | 1,133     | 7,597  | 7,513    |
| Chemicals purchased .....  |           |        |         |           |         |           |        |          |
| farms, 2002  | 31        | 254    | 269     | 144       | 195     | 152       | 884    | 451      |
| 1997   | 31        | 303    | 247     | 171       | 248     | 165       | 884    | 579      |
| \$1,000, 2002  | 108       | 2,026  | 964     | 367       | 1,044   | 867       | 5,666  | 6,778    |
| 1997   | 64        | 1,684  | 953     | 336       | 1,351   | 555       | 5,552  | 7,036    |
| Seeds, plants, vines, and trees .....  |           |        |         |           |         |           |        |          |
| farms, 2002  | 50        | 233    | 407     | 175       | 213     | 228       | 816    | 497      |
| 1997   | 43        | 277    | 329     | 236       | 280     | 163       | 878    | 670      |
| \$1,000, 2002  | 137       | 1,005  | 1,318   | 463       | 1,422   | 937       | 10,930 | 7,179    |
| 1997   | 76        | 1,372  | 887     | 412       | 1,516   | 719       | 7,289  | 4,907    |
| Livestock and poultry purchased .....  |           |        |         |           |         |           |        |          |
| farms, 2002  | 42        | 134    | 224     | 113       | 52      | 100       | 143    | 316      |
| 1997   | 34        | 121    | 196     | 112       | 118     | 92        | 321    | 292      |
| \$1,000, 2002  | 228       | 906    | 3,680   | 532       | 665     | 2,893     | 1,578  | 2,416    |
| 1997   | 296       | 938    | 1,190   | 806       | 918     | 1,610     | 3,684  | 2,687    |
| Breeding livestock purchased (see text) .....                                      |           |        |         |           |         |           |        |          |
| farms, 2002  | 16        | 57     | 142     | 65        | 2       | 59        | 13     | 150      |
| 1997   | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002  | 170       | 294    | 343     | 243       | (D)     | 697       | 13     | 514      |
| 1997   | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Other livestock and poultry purchased .....  |           |        |         |           |         |           |        |          |
| farms, 2002  | 31        | 78     | 115     | 60        | 50      | 56        | 130    | 186      |
| 1997   | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002  | 57        | 612    | 3,337   | 289       | (D)     | 2,196     | 1,565  | 1,902    |
| 1997   | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Feed purchased .....   |           |        |         |           |         |           |        |          |
| farms, 2002  | 117       | 238    | 429     | 204       | 171     | 192       | 293    | 534      |
| 1997   | 69        | 200    | 310     | 245       | 210     | 161       | 443    | 473      |
| \$1,000, 2002  | 975       | 3,042  | 4,790   | 3,894     | 2,817   | 7,437     | 928    | 6,554    |
| 1997   | 739       | 2,098  | 3,709   | 3,831     | 1,579   | 7,006     | 2,468  | 4,708    |
| Gasoline, fuels, and oils .....  |           |        |         |           |         |           |        |          |
| farms, 2002  | 153       | 476    | 761     | 347       | 458     | 406       | 1,119  | 1,104    |
| 1997   | 120       | 443    | 629     | 355       | 444     | 355       | 1,164  | 1,047    |
| \$1,000, 2002  | 230       | 1,183  | 1,267   | 765       | 1,003   | 1,194     | 3,273  | 4,502    |
| 1997   | 219       | 1,030  | 989     | 699       | 1,100   | 1,075     | 4,253  | 3,640    |
| Utilities (see text) .....   |           |        |         |           |         |           |        |          |
| farms, 2002  | 83        | 311    | 350     | 240       | 221     | 224       | 588    | 557      |
| 1997   | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002  | 136       | 667    | 982     | 631       | 392     | 890       | 2,151  | 2,194    |
| Supplies, repairs, and maintenance .....   |           |        |         |           |         |           |        |          |
| farms, 2002  | 136       | 456    | 672     | 345       | 398     | 390       | 1,072  | 1,058    |
| 1997   | 103       | 368    | 492     | 338       | 426     | 275       | 999    | 943      |
| \$1,000, 2002  | 543       | 3,596  | 2,636   | 1,724     | 2,100   | 3,819     | 10,567 | 10,446   |
| 1997   | 326       | 1,671  | 1,433   | 1,291     | 1,368   | 2,023     | 5,623  | 5,855    |
| Hired farm labor .....   |           |        |         |           |         |           |        |          |
| farms, 2002  | 23        | 131    | 91      | 123       | 52      | 108       | 268    | 242      |
| 1997   | 46        | 163    | 158     | 133       | 158     | 166       | 341    | 358      |
| \$1,000, 2002  | 654       | 4,446  | 1,662   | 2,175     | 1,678   | 5,718     | 12,842 | 11,857   |
| 1997   | 317       | 4,786  | 1,198   | 1,471     | 985     | 3,095     | 10,233 | 7,851    |
| Contract labor .....   |           |        |         |           |         |           |        |          |
| farms, 2002  | 7         | 61     | 22      | 10        | 31      | 53        | 85     | 44       |
| 1997   | 6         | 26     | 10      | 67        | 57      | 52        | 123    | 103      |
| \$1,000, 2002  | 74        | 150    | 62      | 121       | 114     | 252       | 267    | 319      |
| Customwork and custom hauling .....  |           |        |         |           |         |           |        |          |
| farms, 2002  | 8         | 69     | 88      | 72        | 84      | 76        | 250    | 207      |
| 1997   | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002  | 1,434     | 642    | 423     | 296       | 1,876   | 827       | 3,264  | 3,264    |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 |           |        |         |           |         |           |        |          |
| farms, 2002  | 11        | 100    | 141     | 99        | 85      | 101       | 508    | 262      |
| 1997   | 13        | 114    | 150     | 113       | 98      | 110       | 464    | 291      |
| \$1,000, 2002  | 31        | 885    | 1,142   | 303       | 1,651   | 667       | 9,625  | 6,417    |
| 1997   | 14        | 726    | 489     | 277       | 1,837   | 497       | 7,032  | 4,538    |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... |           |        |         |           |         |           |        |          |
| farms, 2002  | 6         | 40     | 38      | 33        | 25      | 30        | 101    | 74       |
| 1997   | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002  | 132       | 130    | 115     | 176       | 213     | 1,059     | 2,148  | 2,148    |
| 1997   | (D)       | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Interest expense .....   |           |        |         |           |         |           |        |          |
| farms, 2002  | 58        | 203    | 229     | 145       | 138     | 142       | 399    | 372      |
| 1997   | 46        | 157    | 221     | 159       | 140     | 168       | 459    | 486      |
| \$1,000, 2002  | 452       | 2,595  | 1,457   | 1,208     | 916     | 1,689     | 3,902  | 7,010    |
| 1997   | 204       | 1,340  | 1,739   | 1,277     | 1,387   | 2,123     | 4,780  | 5,196    |
| Secured by real estate .....   |           |        |         |           |         |           |        |          |
| farms, 2002  | 44        | 155    | 170     | 121       | 94      | 93        | 312    | 309      |
| 1997   | 36        | 129    | 171     | 114       | 103     | 117       | 344    | 352      |
| \$1,000, 2002  | 363       | 1,595  | 1,206   | 944       | 718     | 1,150     | 2,890  | 4,913    |
| Not secured by real estate .....   |           |        |         |           |         |           |        |          |
| farms, 2002  | 144       | 819    | 1,004   | 747       | 746     | 1,334     | 2,756  | 2,807    |
| 1997   | 30        | 117    | 124     | 60        | 72      | 81        | 213    | 185      |
| \$1,000, 2002  | 89        | 1,000  | 251     | 264       | 198     | 539       | 1,012  | 2,097    |
| 1997   | 60        | 521    | 735     | 531       | 641     | 789       | 2,024  | 2,390    |
| Property taxes paid .....  |           |        |         |           |         |           |        |          |
| farms, 2002  | 150       | 476    | 755     | 361       | 496     | 392       | 1,098  | 1,093    |
| 1997   | 132       | 467    | 672     | 386       | 451     | 364       | 1,146  | 1,024    |
| \$1,000, 2002  | 259       | 1,076  | 1,533   | 784       | 1,788   | 1,503     | 3,409  | 3,544    |
| 1997   | 216       | 870    | 995     | 647       | 1,170   | 966       | 3,223  | 2,397    |
| All other production expenses (see text) .....                                     |           |        |         |           |         |           |        |          |
| farms, 2002  | 80        | 305    | 494     | 266       | 231     | 194       | 743    | 544      |
| 1997   | 119       | 402    | 592     | 362       | 435     | 321       | 1,131  | 977      |
| \$1,000, 2002  | 464       | 3,267  | 2,833   | 1,827     | 1,790   | 3,386     | 9,912  | 5,050    |
| 1997   | 320       | 2,533  | 2,114   | 1,619     | 1,748   | 3,685     | 8,422  | 8,232    |
| Depreciation expenses claimed (see text) .....                                     |           |        |         |           |         |           |        |          |
| farms, 2002  | 51        | 219    | 214     | 167       | 211     | 170       | 607    | 484      |
| 1997   | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| \$1,000, 2002  | 546       | 3,691  | 3,259   | 2,256     | 2,212   | 4,330     | 9,628  | 9,037    |
| 1997   | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Montmorency   | Muskegon | Newaygo | Oakland | Oceana | Ogemaw | Ontonagon | Osceola |
|--|---------------|----------|---------|---------|--------|--------|-----------|---------|
| Total farm production expenses .....   |               |          |         |         |        |        |           |         |
| farms, 2002  | 140           | 540      | 894     | 642     | 648    | 256    | 107       | 591     |
| 1997   | 122           | 490      | 785     | 678     | 650    | 297    | 103       | 578     |
| \$1,000, 2002  | 2,483         | 41,988   | 52,615  | 29,941  | 52,149 | 20,274 | 2,190     | 14,668  |
| 1997   | 2,364         | 35,545   | 40,460  | 33,685  | 44,429 | 18,809 | 1,755     | 16,326  |
| Average per farm .....   | dollars, 2002 | 17,737   | 77,755  | 58,854  | 46,637 | 80,476 | 79,196    | 20,468  |
|  | 1997          | 19,375   | 72,542  | 51,541  | 49,683 | 68,352 | 63,328    | 17,043  |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               | farms, 2002   | 48       | 256     | 470     | 210    | 368    | 130       | 271     |
|  | 1997          | 67       | 299     | 510     | 175    | 486    | 200       | 289     |
|  | \$1,000, 2002 | 145      | 1,337   | 2,761   | 752    | 3,311  | 784       | 607     |
|  | 1997          | 196      | 1,627   | 2,579   | 831    | 2,792  | 1,172     | 798     |
| Chemicals purchased .....  | farms, 2002   | 31       | 196     | 367     | 176    | 338    | 119       | 27      |
|  | 1997          | 28       | 276     | 395     | 195    | 424    | 131       | 14      |
|  | \$1,000, 2002 | 31       | 2,378   | 1,820   | 327    | 4,653  | 413       | 264     |
|  | 1997          | 44       | 2,168   | 2,037   | 474    | 4,852  | 447       | 421     |
| Seeds, plants, vines, and trees .....  | farms, 2002   | 41       | 232     | 395     | 196    | 262    | 96        | 34      |
|  | 1997          | 47       | 233     | 441     | 181    | 397    | 171       | 38      |
|  | \$1,000, 2002 | 98       | 3,010   | 2,238   | 4,066  | 2,724  | 528       | 36      |
|  | 1997          | 125      | 1,653   | 2,004   | 6,537  | 1,678  | 574       | 26      |
| Livestock and poultry purchased .....  | farms, 2002   | 28       | 169     | 257     | 108    | 133    | 98        | 25      |
|  | 1997          | 29       | 77      | 194     | 98     | 119    | 123       | 29      |
|  | \$1,000, 2002 | 38       | 3,437   | 3,290   | 1,072  | 1,122  | 1,988     | 190     |
|  | 1997          | 78       | 2,138   | 2,378   | 874    | 1,675  | 1,932     | 99      |
| Breeding livestock purchased (see text) .....                                      | farms, 2002   | 12       | 42      | 109     | 44     | 48     | 55        | 13      |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
|  | \$1,000, 2002 | 18       | 243     | 2,126   | 82     | 576    | 202       | 20      |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Other livestock and poultry purchased .....  | farms, 2002   | 18       | 162     | 203     | 75     | 112    | 44        | 16      |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
|  | \$1,000, 2002 | 20       | 3,194   | 1,164   | 990    | 547    | 1,786     | 170     |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Feed purchased .....   | farms, 2002   | 81       | 319     | 578     | 349    | 239    | 203       | 63      |
|  | 1997          | 75       | 161     | 390     | 319    | 228    | 193       | 52      |
|  | \$1,000, 2002 | 464      | 7,118   | 9,842   | 1,801  | 4,652  | 4,398     | 374     |
|  | 1997          | 522      | 6,969   | 8,163   | 955    | 3,832  | 4,312     | 325     |
| Gasoline, fuels, and oils .....  | farms, 2002   | 130      | 481     | 841     | 566    | 576    | 256       | 104     |
|  | 1997          | 109      | 443     | 746     | 559    | 591    | 280       | 98      |
|  | \$1,000, 2002 | 174      | 1,926   | 2,422   | 1,440  | 2,118  | 894       | 143     |
|  | 1997          | 178      | 1,692   | 1,658   | 1,423  | 1,865  | 883       | 116     |
| Utilities (see text) .....   | farms, 2002   | 74       | 261     | 452     | 369    | 364    | 213       | 71      |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
|  | \$1,000, 2002 | 93       | 1,730   | 1,782   | 925    | 1,291  | 564       | 106     |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Supplies, repairs, and maintenance .....   | farms, 2002   | 125      | 475     | 829     | 588    | 549    | 222       | 101     |
|  | 1997          | 110      | 393     | 647     | 501    | 534    | 251       | 86      |
|  | \$1,000, 2002 | 423      | 3,329   | 5,465   | 3,097  | 4,668  | 2,520     | 300     |
|  | 1997          | 257      | 2,251   | 3,497   | 1,892  | 3,551  | 1,651     | 213     |
| Hired farm labor .....   | farms, 2002   | 14       | 137     | 205     | 170    | 190    | 68        | 27      |
|  | 1997          | 23       | 130     | 193     | 203    | 294    | 101       | 38      |
|  | \$1,000, 2002 | 83       | 8,432   | 6,754   | 8,310  | 13,681 | 3,138     | 288     |
|  | 1997          | 82       | 6,573   | 4,998   | 10,425 | 11,412 | 3,031     | 201     |
| Contract labor .....   | farms, 2002   | -        | 47      | 69      | 86     | 31     | 20        | 5       |
|  | 1997          | 4        | 60      | 48      | 57     | 73     | 14        | 9       |
|  | \$1,000, 2002 | -        | 189     | 255     | 386    | 1,119  | 159       | 57      |
|  | 1997          | 6        | 670     | 631     | 231    | 429    | 67        | 15      |
| Customwork and custom hauling .....  | farms, 2002   | 16       | 121     | 141     | 30     | 90     | 40        | 18      |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
|  | \$1,000, 2002 | 67       | 701     | 1,416   | 59     | 545    | 362       | 45      |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 | farms, 2002   | 21       | 57      | 261     | 62     | 115    | 61        | 19      |
|  | 1997          | 18       | 87      | 227     | 114    | 137    | 101       | 27      |
|  | \$1,000, 2002 | 52       | 710     | 1,859   | 813    | 1,977  | 174       | 30      |
|  | 1997          | 51       | 662     | 914     | 1,086  | 1,304  | 335       | 27      |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... | farms, 2002   | 7        | 70      | 45      | 41     | 97     | 18        | 3       |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
|  | \$1,000, 2002 | 40       | 363     | 685     | 172    | 456    | 250       | 5       |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Interest expense .....   | farms, 2002   | 32       | 162     | 311     | 144    | 247    | 78        | 43      |
|  | 1997          | 49       | 141     | 334     | 104    | 249    | 92        | 34      |
|  | \$1,000, 2002 | 298      | 2,267   | 4,203   | 1,098  | 2,855  | 1,241     | 186     |
|  | 1997          | 241      | 1,797   | 2,987   | 609    | 2,843  | 1,051     | 192     |
| Secured by real estate .....   | farms, 2002   | 29       | 124     | 239     | 93     | 197    | 76        | 37      |
|  | 1997          | 35       | 85      | 238     | 54     | 175    | 77        | 25      |
|  | \$1,000, 2002 | 151      | 1,445   | 3,494   | 596    | 2,190  | 824       | 118     |
|  | 1997          | 116      | 793     | 1,918   | 348    | 1,932  | 616       | 131     |
| Not secured by real estate .....   | farms, 2002   | 12       | 78      | 134     | 63     | 135    | 29        | 23      |
|  | 1997          | 33       | 84      | 183     | 73     | 152    | 47        | 22      |
|  | \$1,000, 2002 | 147      | 822     | 709     | 502    | 665    | 417       | 68      |
|  | 1997          | 125      | 1,004   | 1,069   | 260    | 911    | 435       | 61      |
| Property taxes paid .....  | farms, 2002   | 134      | 527     | 879     | 605    | 612    | 245       | 103     |
|  | 1997          | 116      | 465     | 749     | 631    | 634    | 292       | 558     |
|  | \$1,000, 2002 | 130      | 1,463   | 2,429   | 1,744  | 2,186  | 861       | 195     |
|  | 1997          | 107      | 1,156   | 1,784   | 2,075  | 1,526  | 544       | 143     |
| All other production expenses (see text) .....                                     | farms, 2002   | 70       | 288     | 404     | 412    | 396    | 218       | 59      |
|  | 1997          | 108      | 376     | 647     | 583    | 617    | 249       | 91      |
|  | \$1,000, 2002 | 345      | 3,597   | 5,392   | 3,880  | 4,789  | 2,000     | 179     |
|  | 1997          | 358      | 4,379   | 4,957   | 5,434  | 5,064  | 2,233     | 250     |
| Depreciation expenses claimed (see text) .....                                     | farms, 2002   | 58       | 181     | 353     | 235    | 286    | 81        | 41      |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
|  | \$1,000, 2002 | 601      | 4,379   | 6,721   | 2,386  | 4,779  | 2,586     | 354     |
|  | 1997          | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Oscoda | Otsego | Ottawa  | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
|--|--------|--------|---------|--------------|-----------|---------|-----------|------------|
| Total farm production expenses .....   |        |        |         |              |           |         |           |            |
| farms, 2002  | 125    | 171    | 1,292   | 301          | 47        | 1,360   | 1,261     | 908        |
| 1997   | 95     | 162    | 1,493   | 338          | 44        | 1,320   | 1,120     | 918        |
| \$1,000, 2002  | 3,065  | 3,348  | 223,281 | 11,521       | 412       | 72,428  | 44,031    | 81,771     |
| 1997   | 1,638  | 3,388  | 252,188 | 9,599        | 339       | 67,553  | 33,069    | 64,301     |
| Average per farm .....   | 24,522 | 19,581 | 172,818 | 38,276       | 8,770     | 53,256  | 34,918    | 90,057     |
| dollars, 2002  |        |        | 168,914 | 28,399       | 7,700     | 51,177  | 29,526    | 70,044     |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               |        |        |         |              |           |         |           |            |
| farms, 2002  | 44     | 78     | 918     | 163          | 14        | 845     | 541       | 559        |
| 1997   | 54     | 104    | 1,003   | 213          | 20        | 1,038   | 660       | 659        |
| \$1,000, 2002  | 103    | 209    | 5,028   | 1,025        | 16        | 10,466  | 3,655     | 7,988      |
| 1997   | 139    | 254    | 5,041   | 1,252        | 18        | 10,905  | 4,108     | 8,609      |
| Chemicals purchased .....  |        |        |         |              |           |         |           |            |
| farms, 2002  | 26     | 49     | 686     | 159          | 9         | 777     | 534       | 446        |
| 1997   | 36     | 74     | 919     | 124          | 11        | 1,004   | 579       | 650        |
| \$1,000, 2002  | 12     | 149    | 6,214   | 1,039        | 7         | 6,229   | 2,349     | 5,278      |
| 1997   | 43     | 130    | 6,445   | 577          | 6         | 7,666   | 3,047     | 5,763      |
| Seeds, plants, vines, and trees .....  |        |        |         |              |           |         |           |            |
| farms, 2002  | 38     | 79     | 684     | 134          | 14        | 819     | 565       | 500        |
| 1997   | 42     | 102    | 855     | 167          | 18        | 1,052   | 623       | 642        |
| \$1,000, 2002  | 38     | 154    | 16,155  | 977          | 11        | 8,040   | 3,970     | 5,960      |
| 1997   | 39     | 107    | 13,033  | 738          | 6         | 6,074   | 3,027     | 4,103      |
| Livestock and poultry purchased .....  |        |        |         |              |           |         |           |            |
| farms, 2002  | 43     | 19     | 306     | 39           | 10        | 151     | 329       | 215        |
| 1997   | 40     | 44     | 424     | 98           | 9         | 195     | 270       | 257        |
| \$1,000, 2002  | 119    | 19     | 12,909  | 178          | (D)       | 1,622   | 2,237     | 3,597      |
| 1997   | 128    | 349    | 16,546  | 479          | 31        | 1,008   | 1,518     | 2,191      |
| Breeding livestock purchased (see text) .....                                      |        |        |         |              |           |         |           |            |
| farms, 2002  | 19     | 11     | 130     | 20           | 3         | 52      | 142       | 78         |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | 28     | 12     | 964     | 15           | (D)       | 191     | 333       | 288        |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Other livestock and poultry purchased .....  |        |        |         |              |           |         |           |            |
| farms, 2002  | 31     | 11     | 212     | 33           | 7         | 108     | 246       | 160        |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | 92     | 7      | 11,945  | 163          | 7         | 1,431   | 1,903     | 3,310      |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Feed purchased .....   |        |        |         |              |           |         |           |            |
| farms, 2002  | 85     | 80     | 574     | 144          | 26        | 290     | 745       | 403        |
| 1997   | 63     | 73     | 704     | 138          | 19        | 254     | 422       | 386        |
| \$1,000, 2002  | 975    | 500    | 40,777  | 621          | 54        | 1,518   | 2,786     | 5,323      |
| 1997   | 455    | 348    | 71,835  | 555          | 25        | 2,118   | 2,665     | 6,186      |
| Gasoline, fuels, and oils .....  |        |        |         |              |           |         |           |            |
| farms, 2002  | 111    | 134    | 1,232   | 284          | 45        | 1,311   | 1,261     | 892        |
| 1997   | 88     | 151    | 1,407   | 313          | 40        | 1,239   | 1,006     | 749        |
| \$1,000, 2002  | 235    | 216    | 7,179   | 711          | 42        | 4,063   | 2,457     | 3,438      |
| 1997   | 88     | 227    | 7,845   | 792          | 39        | 4,389   | 2,044     | 3,231      |
| Utilities (see text) .....   |        |        |         |              |           |         |           |            |
| farms, 2002  | 77     | 85     | 915     | 204          | 28        | 662     | 729       | 452        |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | 141    | 173    | 6,010   | 537          | 14        | 1,573   | 1,919     | 2,784      |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Supplies, repairs, and maintenance .....   |        |        |         |              |           |         |           |            |
| farms, 2002  | 109    | 132    | 1,176   | 284          | 46        | 1,276   | 1,146     | 854        |
| 1997   | 70     | 136    | 1,296   | 273          | 28        | 1,109   | 887       | 658        |
| \$1,000, 2002  | 424    | 426    | 19,944  | 1,125        | 102       | 8,222   | 5,276     | 7,084      |
| 1997   | 182    | 441    | 10,329  | 875          | 65        | 6,671   | 3,259     | 5,230      |
| Hired farm labor .....   |        |        |         |              |           |         |           |            |
| farms, 2002  | 21     | 17     | 535     | 54           | 5         | 364     | 253       | 288        |
| 1997   | 16     | 46     | 650     | 91           | 5         | 310     | 168       | 233        |
| \$1,000, 2002  | 195    | 311    | 52,559  | 2,128        | (D)       | 5,826   | 3,893     | 9,001      |
| 1997   | 48     | 313    | 47,602  | 836          | (D)       | 4,904   | 3,270     | 4,600      |
| Contract labor .....   |        |        |         |              |           |         |           |            |
| farms, 2002  | 3      | 6      | 167     | 9            | -         | 48      | 102       | 58         |
| 1997   | 1      | 11     | 198     | 49           | -         | 95      | 62        | 55         |
| \$1,000, 2002  | (D)    | 12     | 7,010   | 168          | -         | 303     | 379       | 842        |
| 1997   | (D)    | 25     | 6,934   | 36           | -         | 306     | 87        | 702        |
| Customwork and custom hauling .....  |        |        |         |              |           |         |           |            |
| farms, 2002  | 24     | 12     | 242     | 31           | 1         | 218     | 219       | 212        |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | 79     | 10     | 3,193   | 231          | (D)       | 827     | 638       | 1,646      |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 |        |        |         |              |           |         |           |            |
| farms, 2002  | 25     | 13     | 333     | 58           | 1         | 394     | 262       | 297        |
| 1997   | 24     | 32     | 362     | 69           | 1         | 426     | 301       | 357        |
| \$1,000, 2002  | 60     | 79     | 5,234   | 390          | (D)       | 8,556   | 2,431     | 10,516     |
| 1997   | 25     | 95     | 6,466   | 626          | (D)       | 6,836   | 2,080     | 5,935      |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... |        |        |         |              |           |         |           |            |
| farms, 2002  | 2      | 8      | 96      | 8            | 3         | 137     | 39        | 35         |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | 84     | 1,450  | 4       | 10           | 629       | 76      | 1,711     |            |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Interest expense .....   |        |        |         |              |           |         |           |            |
| farms, 2002  | 42     | 32     | 514     | 65           | 8         | 392     | 394       | 337        |
| 1997   | 34     | 59     | 712     | 116          | 9         | 623     | 317       | 429        |
| \$1,000, 2002  | 217    | 189    | 9,361   | 597          | 39        | 4,559   | 3,054     | 6,973      |
| 1997   | 122    | 217    | 10,816  | 1,072        | 21        | 5,563   | 1,487     | 5,561      |
| Secured by real estate .....   |        |        |         |              |           |         |           |            |
| farms, 2002  | 30     | 28     | 430     | 52           | 8         | 302     | 268       | 272        |
| 1997   | 20     | 44     | 537     | 107          | 7         | 465     | 225       | 287        |
| \$1,000, 2002  | 184    | 145    | 7,826   | 303          | (D)       | 3,164   | 2,385     | 4,356      |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Not secured by real estate .....   |        |        |         |              |           |         |           |            |
| farms, 2002  | 79     | 137    | 7,678   | 698          | (D)       | 3,820   | 940       | 3,556      |
| 1997   | 22     | 34     | 350     | 53           | 2         | 246     | 193       | 183        |
| \$1,000, 2002  | 33     | 45     | 1,536   | 294          | (D)       | 1,395   | 669       | 2,616      |
| 1997   | 44     | 81     | 3,138   | 374          | (D)       | 1,743   | 546       | 2,004      |
| Property taxes paid .....  |        |        |         |              |           |         |           |            |
| farms, 2002  | 121    | 159    | 1,261   | 297          | 45        | 1,257   | 1,224     | 816        |
| 1997   | 90     | 160    | 1,433   | 338          | 42        | 1,210   | 1,084     | 817        |
| \$1,000, 2002  | 216    | 351    | 4,983   | 572          | 65        | 4,455   | 3,276     | 2,549      |
| 1997   | 122    | 305    | 4,551   | 503          | 55        | 3,472   | 2,117     | 2,465      |
| All other production expenses (see text) .....                                     |        |        |         |              |           |         |           |            |
| farms, 2002  | 74     | 88     | 756     | 200          | 21        | 735     | 775       | 482        |
| 1997   | 84     | 155    | 1,390   | 287          | 39        | 1,188   | 978       | 849        |
| \$1,000, 2002  | 230    | 465    | 25,275  | 1,217        | 20        | 5,540   | 5,635     | 7,080      |
| 1997   | 171    | 383    | 37,420  | 845          | 52        | 5,523   | 3,184     | 5,455      |
| Depreciation expenses claimed (see text) .....                                     |        |        |         |              |           |         |           |            |
| farms, 2002  | 31     | 39     | 624     | 120          | 5         | 554     | 606       | 300        |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| \$1,000, 2002  | 253    | 330    | 17,217  | 2,338        | 26        | 8,623   | 6,614     | 8,460      |
| 1997   | (NA)   | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |

See footnote(s) at end of table.

--continued

**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Sanilac       | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne  | Wexford |
|--|---------------|-------------|------------|---------|-----------|-----------|--------|---------|
| Total farm production expenses .....   |               |             |            |         |           |           |        |         |
| farms, 2002  | 1,593         | 52          | 1,039      | 1,290   | 1,170     | 1,326     | 321    | 394     |
| 1997   | 1,629         | 52          | 1,065      | 1,306   | 1,217     | 1,208     | 367    | 298     |
| \$1,000, 2002  | 112,104       | 1,278       | 42,872     | 90,563  | 82,685    | 54,120    | 24,314 | 7,937   |
| 1997   | 107,342       | 1,050       | 40,214     | 86,424  | 81,772    | 52,527    | 22,255 | 6,978   |
| Average per farm .....   | dollars, 2002 | 70,373      | 24,575     | 41,262  | 70,204    | 70,671    | 40,814 | 75,744  |
|  | 1997          | 65,895      | 20,189     | 37,760  | 66,175    | 67,192    | 43,482 | 60,640  |
| Fertilizer, lime, and soil conditioners purchased <sup>1</sup> .....               | farms, 2002   | 932         | 34         | 581     | 790       | 720       | 608    | 132     |
|  | 1997          | 1,070       | 27         | 778     | 937       | 787       | 772    | 119     |
|  | \$1,000, 2002 | 13,667      | 102        | 5,266   | 10,741    | 4,440     | 5,332  | 1,052   |
|  | 1997          | 12,152      | 84         | 5,753   | 12,379    | 4,911     | 5,743  | 927     |
| Chemicals purchased .....  | farms, 2002   | 800         | 13         | 530     | 627       | 716       | 463    | 97      |
|  | 1997          | 968         | 21         | 755     | 765       | 716       | 653    | 140     |
|  | \$1,000, 2002 | 6,561       | 40         | 3,600   | 6,405     | 6,294     | 4,152  | 411     |
|  | 1997          | 7,580       | 42         | 4,244   | 7,387     | 7,173     | 3,647  | 479     |
| Seeds, plants, vines, and trees .....  | farms, 2002   | 857         | 18         | 589     | 828       | 476       | 561    | 154     |
|  | 1997          | 1,015       | 30         | 805     | 852       | 549       | 732    | 122     |
|  | \$1,000, 2002 | 8,471       | 61         | 4,120   | 7,568     | 6,193     | 5,215  | 4,201   |
|  | 1997          | 6,497       | 39         | 3,345   | 7,274     | 5,902     | 3,559  | 3,173   |
| Livestock and poultry purchased .....  | farms, 2002   | 360         | 10         | 242     | 280       | 109       | 160    | 64      |
|  | 1997          | 463         | 15         | 202     | 220       | 163       | 315    | 57      |
|  | \$1,000, 2002 | 4,914       | 29         | 1,130   | 2,771     | 738       | 2,057  | 139     |
|  | 1997          | 4,723       | 63         | 925     | 2,616     | 1,479     | 4,176  | 221     |
| Breeding livestock purchased (see text) .....                                      | farms, 2002   | 207         | 5          | 100     | 146       | 75        | 72     | 20      |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
|  | \$1,000, 2002 | 1,423       | 11         | 610     | 237       | 202       | 65     | 32      |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Other livestock and poultry purchased .....  | farms, 2002   | 195         | 5          | 162     | 146       | 76        | 98     | 60      |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
|  | \$1,000, 2002 | 3,491       | 18         | 520     | 2,534     | 536       | 1,992  | 107     |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Feed purchased .....   | farms, 2002   | 778         | 27         | 530     | 536       | 340       | 633    | 109     |
|  | 1997          | 675         | 29         | 343     | 383       | 367       | 454    | 81      |
|  | \$1,000, 2002 | 11,033      | 122        | 3,492   | 4,754     | 3,848     | 2,667  | 370     |
|  | 1997          | 15,155      | 138        | 3,011   | 4,331     | 5,413     | 4,168  | 471     |
| Gasoline, fuels, and oils .....  | farms, 2002   | 1,534       | 49         | 1,025   | 1,226     | 1,055     | 1,220  | 304     |
|  | 1997          | 1,512       | 44         | 1,035   | 1,237     | 1,115     | 1,140  | 280     |
|  | \$1,000, 2002 | 5,895       | 66         | 2,206   | 4,246     | 3,705     | 2,283  | 1,423   |
|  | 1997          | 5,705       | 66         | 2,666   | 5,234     | 4,010     | 2,793  | 1,611   |
| Utilities (see text) .....   | farms, 2002   | 991         | 42         | 725     | 837       | 776       | 712    | 115     |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
|  | \$1,000, 2002 | 2,773       | 46         | 1,091   | 1,756     | 2,165     | 1,314  | 728     |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Supplies, repairs, and maintenance .....   | farms, 2002   | 1,415       | 45         | 963     | 1,203     | 1,039     | 1,150  | 294     |
|  | 1997          | 1,330       | 49         | 923     | 1,076     | 1,007     | 1,022  | 273     |
|  | \$1,000, 2002 | 12,238      | 183        | 4,626   | 7,736     | 8,049     | 5,715  | 3,253   |
|  | 1997          | 9,653       | 130        | 4,163   | 7,268     | 5,764     | 4,575  | 1,753   |
| Hired farm labor .....   | farms, 2002   | 333         | 17         | 208     | 285       | 522       | 246    | 52      |
|  | 1997          | 457         | 22         | 305     | 444       | 495       | 340    | 139     |
|  | \$1,000, 2002 | 8,895       | 198        | 2,727   | 6,907     | 19,606    | 7,819  | 6,977   |
|  | 1997          | 8,488       | 121        | 2,769   | 8,122     | 17,771    | 5,772  | 6,019   |
| Contract labor .....   | farms, 2002   | 107         | 8          | 60      | 134       | 170       | 91     | 17      |
|  | 1997          | 99          | 6          | 60      | 62        | 210       | 104    | 18      |
|  | \$1,000, 2002 | 632         | 10         | 260     | 1,738     | 997       | 411    | 402     |
|  | 1997          | 1,695       | 3          | 103     | 207       | 1,223     | 316    | 512     |
| Customwork and custom hauling .....  | farms, 2002   | 358         | 6          | 207     | 189       | 187       | 194    | 60      |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
|  | \$1,000, 2002 | 2,115       | 56         | 589     | 1,195     | 3,881     | 502    | 66      |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Cash rent for land, buildings, and grazing fees <sup>2</sup> .....                 | farms, 2002   | 525         | 10         | 239     | 424       | 220       | 293    | 85      |
|  | 1997          | 506         | 20         | 297     | 391       | 284       | 321    | 77      |
|  | \$1,000, 2002 | 11,167      | 20         | 3,891   | 12,580    | 3,864     | 3,454  | 835     |
|  | 1997          | 6,826       | 41         | 2,624   | 8,842     | 3,952     | 2,959  | 1,145   |
| Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... | farms, 2002   | 110         | 3          | 86      | 122       | 120       | 67     | 15      |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
|  | \$1,000, 2002 | 763         | 10         | 342     | 1,920     | 1,254     | 767    | 153     |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Interest expense .....   | farms, 2002   | 633         | 16         | 431     | 606       | 482       | 420    | 55      |
|  | 1997          | 731         | 22         | 434     | 597       | 470       | 375    | 97      |
|  | \$1,000, 2002 | 8,228       | 89         | 3,630   | 7,842     | 4,683     | 3,650  | 294     |
|  | 1997          | 8,669       | 89         | 2,893   | 7,153     | 5,385     | 3,463  | 841     |
| Secured by real estate .....   | farms, 2002   | 440         | 8          | 319     | 470       | 381       | 302    | 33      |
|  | 1997          | 534         | 14         | 311     | 424       | 326       | 259    | 72      |
|  | \$1,000, 2002 | 5,556       | 55         | 2,651   | 5,576     | 3,156     | 2,809  | 112     |
|  | 1997          | 5,909       | 62         | 1,825   | 4,621     | 3,223     | 2,373  | 450     |
| Not secured by real estate .....   | farms, 2002   | 386         | 12         | 225     | 321       | 199       | 182    | 40      |
|  | 1997          | 444         | 15         | 285     | 345       | 322       | 212    | 48      |
|  | \$1,000, 2002 | 2,672       | 35         | 979     | 2,267     | 1,527     | 841    | 182     |
|  | 1997          | 2,760       | 26         | 1,068   | 2,532     | 2,162     | 1,090  | 391     |
| Property taxes paid .....  | farms, 2002   | 1,552       | 49         | 920     | 1,237     | 1,035     | 1,281  | 288     |
|  | 1997          | 1,553       | 52         | 1,011   | 1,215     | 1,175     | 1,125  | 316     |
|  | \$1,000, 2002 | 5,467       | 94         | 2,572   | 4,360     | 3,267     | 4,534  | 934     |
|  | 1997          | 4,427       | 85         | 2,272   | 3,778     | 3,230     | 3,649  | 850     |
| All other production expenses (see text) .....                                     | farms, 2002   | 942         | 36         | 679     | 807       | 767       | 860    | 189     |
|  | 1997          | 1,441       | 46         | 996     | 1,180     | 1,038     | 1,075  | 255     |
|  | \$1,000, 2002 | 9,286       | 149        | 3,331   | 8,045     | 9,699     | 4,246  | 3,076   |
|  | 1997          | 11,552      | 104        | 4,246   | 7,715     | 11,534    | 5,897  | 3,546   |
| Depreciation expenses claimed (see text) .....                                     | farms, 2002   | 637         | 28         | 515     | 626       | 497       | 534    | 88      |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
|  | \$1,000, 2002 | 16,581      | 171        | 6,219   | 11,687    | 9,093     | 6,897  | 1,234   |
|  | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |

<sup>1</sup> Data for 1997 do not include lime and manure.

<sup>2</sup> Data for 1997 do not include grazing fees.

**Table 4. Net Cash Farm Income of the Operations and Operators: 2002**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan        | Alcona            | Alger            | Allegan          | Alpena           | Antrim           | Arenac           |                  |
|---|-----------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Net cash farm income of operations (see text) ..... | \$1,000 dollars | 724,021<br>13,585 | 2,498<br>10,279  | 352<br>5,177     | 42,177<br>28,478 | 3,196<br>6,993   | 3,144<br>8,210   |                  |
| Farms with net gains <sup>1</sup> .....             | number dollars  | 22,737<br>47,047  | 106<br>30,770    | 23<br>28,410     | 567<br>95,636    | 209<br>22,695    | 190<br>27,785    |                  |
| Farms with net losses .....                         | number dollars  | 30,559<br>11,312  | 137<br>5,575     | 45<br>6,698      | 914<br>13,183    | 248<br>6,239     | 193<br>11,061    |                  |
| Net cash farm income of operators (see text) .....  | \$1,000 dollars | 705,489<br>13,237 | 2,504<br>10,303  | 377<br>5,550     | 41,922<br>28,307 | 3,338<br>7,305   | 3,146<br>8,214   |                  |
| Farm operators reporting net gains .....            | farms dollars   | 23,069<br>45,546  | 106<br>30,780    | 23<br>28,606     | 582<br>91,835    | 243<br>19,811    | 190<br>27,796    |                  |
| Farm operators reporting net losses .....           | farms dollars   | 30,227<br>11,421  | 137<br>5,540     | 45<br>6,234      | 899<br>12,821    | 214<br>6,897     | 193<br>11,063    |                  |
| Item  | Baraga          | Barry             | Bay              | Benzie           | Berrien          | Branch           | Calhoun          |                  |
| Net cash farm income of operations (see text) ..... | \$1,000 dollars | 380<br>5,843      | 1,532<br>1,441   | 12,652<br>16,076 | 152<br>833       | 18,410<br>16,844 | 2,396<br>2,134   |                  |
| Farms with net gains <sup>1</sup> .....             | number dollars  | 32<br>16,864      | 427<br>20,457    | 445<br>39,563    | 69<br>20,075     | 603<br>39,630    | 410<br>26,899    |                  |
| Farms with net losses .....                         | number dollars  | 33<br>4,844       | 636<br>11,326    | 342<br>14,485    | 113<br>10,916    | 490<br>11,198    | 713<br>12,108    |                  |
| Net cash farm income of operators (see text) .....  | \$1,000 dollars | 370<br>5,690      | 879<br>827       | 12,339<br>15,679 | 140<br>767       | 18,353<br>16,792 | 2,315<br>2,061   |                  |
| Farm operators reporting net gains .....            | farms dollars   | 31<br>17,515      | 418<br>19,518    | 445<br>38,895    | 69<br>19,901     | 605<br>39,326    | 398<br>28,450    |                  |
| Farm operators reporting net losses .....           | farms dollars   | 34<br>5,091       | 645<br>11,287    | 342<br>14,529    | 113<br>10,916    | 488<br>11,145    | 725<br>12,425    |                  |
| Item  | Cass            | Charlevoix        | Cheboygan        | Chippewa         | Clare            | Clinton          | Crawford         |                  |
| Net cash farm income of operations (see text) ..... | \$1,000 dollars | 9,254<br>11,495   | -87<br>-291      | 1,506<br>5,640   | 1,459<br>3,934   | 1,118<br>2,719   | 23,829<br>20,075 |                  |
| Farms with net gains <sup>1</sup> .....             | number dollars  | 317<br>44,209     | 105<br>13,824    | 114<br>24,352    | 182<br>15,359    | 133<br>23,369    | 584<br>50,396    |                  |
| Farms with net losses .....                         | number dollars  | 488<br>9,755      | 192<br>8,011     | 153<br>8,302     | 189<br>7,068     | 278<br>7,160     | 603<br>9,291     |                  |
| Net cash farm income of operators (see text) .....  | \$1,000 dollars | 9,245<br>11,484   | -40<br>-135      | 1,186<br>4,443   | 1,586<br>4,274   | 1,120<br>2,726   | 23,482<br>19,783 |                  |
| Farm operators reporting net gains .....            | farms dollars   | 317<br>43,917     | 112<br>13,025    | 114<br>21,423    | 189<br>14,820    | 133<br>23,388    | 609<br>48,241    |                  |
| Farm operators reporting net losses .....           | farms dollars   | 488<br>9,584      | 185<br>8,102     | 153<br>8,209     | 182<br>6,678     | 278<br>7,160     | 578<br>10,201    |                  |
| Item  | Delta           | Dickinson         | Eaton            | Emmet            | Genesee          | Gladwin          | Gogebic          |                  |
| Net cash farm income of operations (see text) ..... | \$1,000 dollars | 1,536<br>5,625    | 673<br>4,580     | 11,740<br>9,599  | 1,413<br>5,177   | -2,288<br>-2,167 | 1,595<br>2,971   |                  |
| Farms with net gains <sup>1</sup> .....             | number dollars  | 106<br>32,300     | 52<br>25,794     | 510<br>35,537    | 130<br>18,090    | 320<br>26,235    | 204<br>15,107    |                  |
| Farms with net losses .....                         | number dollars  | 167<br>11,306     | 95<br>7,031      | 713<br>8,954     | 143<br>6,563     | 736<br>14,515    | 333<br>4,463     |                  |
| Net cash farm income of operators (see text) .....  | \$1,000 dollars | 1,643<br>6,019    | 683<br>4,645     | 11,092<br>9,069  | 1,331<br>4,875   | -2,646<br>-2,506 | 1,621<br>3,019   |                  |
| Farm operators reporting net gains .....            | farms dollars   | 106<br>33,315     | 54<br>24,962     | 507<br>34,599    | 131<br>17,241    | 319<br>25,468    | 204<br>14,999    |                  |
| Farm operators reporting net losses .....           | farms dollars   | 167<br>11,306     | 93<br>7,151      | 716<br>9,009     | 142<br>6,534     | 737<br>14,614    | 333<br>4,320     |                  |
| Item  | Grand Traverse  | Gratiot           | Hillsdale        | Houghton         | Huron            | Ingham           | Ionia            | Iosco            |
| Net cash farm income of operations (see text) ..... | \$1,000 dollars | -3,480<br>-7,221  | 24,781<br>24,319 | 13,846<br>9,206  | 706<br>4,410     | 45,102<br>38,093 | 11,060<br>10,801 | 29,164<br>25,471 |
| Farms with net gains <sup>1</sup> .....             | number dollars  | 208<br>19,643     | 602<br>51,714    | 677<br>31,241    | 64<br>23,393     | 858<br>60,296    | 382<br>46,069    | 404<br>88,129    |
| Farms with net losses .....                         | number dollars  | 274<br>27,613     | 417<br>15,230    | 827<br>8,832     | 96<br>8,246      | 326<br>20,342    | 642<br>10,184    | 741<br>8,691     |
| Net cash farm income of operators (see text) .....  | \$1,000 dollars | -3,713<br>-7,703  | 25,620<br>25,143 | 13,025<br>8,660  | 720<br>4,497     | 42,888<br>36,223 | 11,234<br>10,971 | 29,080<br>25,398 |
| Farm operators reporting net gains .....            | farms dollars   | 208<br>18,524     | 586<br>51,324    | 675<br>29,903    | 71<br>21,256     | 836<br>59,477    | 382<br>46,065    | 405<br>87,107    |
| Farm operators reporting net losses .....           | farms dollars   | 274<br>27,613     | 433<br>10,290    | 829<br>8,637     | 89<br>8,872      | 348<br>19,639    | 642<br>9,910     | 740<br>8,376     |

See footnote(s) at end of table.

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**Table 4. Net Cash Farm Income of the Operations and Operators: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron            | Isabella       | Jackson          | Kalamazoo        | Kalkaska         | Kent            | Keweenaw         | Lake                                 |
|---|-----------------|----------------|------------------|------------------|------------------|-----------------|------------------|--------------------------------------|
| Net cash farm income of operations (see text) ..... | \$1,000 dollars | 635<br>5,934   | 10,042<br>10,493 | 5,153<br>4,067   | 24,990<br>30,929 | 465<br>2,736    | 39,474<br>32,624 | (D)<br>228<br>(D)<br>1,325           |
| Farms with net gains <sup>1</sup> .....             | number dollars  | 45<br>21,785   | 494<br>30,106    | 449<br>31,747    | 332<br>129,654   | 36<br>46,147    | 500<br>90,894    | 1<br>(D)<br>43<br>18,791             |
| Farms with net losses .....                         | number dollars  | 62<br>5,570    | 463<br>10,434    | 818<br>11,127    | 476<br>37,930    | 134<br>8,927    | 710<br>8,412     | 10<br>5,770<br>129<br>4,497          |
| Net cash farm income of operators (see text) .....  | \$1,000 dollars | 664<br>6,206   | 9,886<br>10,330  | 6,073<br>4,794   | 25,163<br>31,142 | 465<br>2,736    | 39,078<br>32,296 | (D)<br>247<br>(D)<br>1,438           |
| Farm operators reporting net gains .....            | farms dollars   | 46<br>21,679   | 528<br>28,428    | 476<br>32,052    | 325<br>133,691   | 36<br>46,147    | 492<br>91,532    | 1<br>(D)<br>45<br>17,861             |
| Farm operators reporting net losses .....           | farms dollars   | 61<br>5,463    | 429<br>11,944    | 791<br>11,610    | 483<br>37,860    | 134<br>8,927    | 718<br>8,295     | 10<br>5,770<br>127<br>4,381          |
| Item  | Lapeer          | Leelanau       | Lenawee          | Livingston       | Luce             | Mackinac        | Macomb           | Manistee                             |
| Net cash farm income of operations (see text) ..... | \$1,000 dollars | 3,911<br>3,306 | -1,186<br>-2,772 | 13,669<br>9,493  | 127<br>145       | 1,025<br>34,154 | 474<br>6,580     | 11,549<br>22,339<br>2,166<br>6,854   |
| Farms with net gains <sup>1</sup> .....             | number dollars  | 330<br>37,638  | 134<br>31,956    | 628<br>39,369    | 203<br>43,649    | 20<br>60,884    | 33<br>21,446     | 249<br>65,091<br>127<br>27,159       |
| Farms with net losses .....                         | number dollars  | 853<br>9,976   | 294<br>18,601    | 812<br>13,614    | 677<br>12,900    | 10<br>19,305    | 39<br>5,999      | 268<br>17,383<br>189<br>6,791        |
| Net cash farm income of operators (see text) .....  | \$1,000 dollars | 4,107<br>3,472 | -1,191<br>-2,782 | 13,423<br>9,322  | -177<br>-202     | 1,028<br>34,282 | 472<br>6,553     | 11,655<br>22,544<br>2,249<br>7,117   |
| Farm operators reporting net gains .....            | farms dollars   | 344<br>36,009  | 134<br>31,954    | 643<br>38,005    | 203<br>42,950    | 20<br>61,076    | 33<br>21,364     | 250<br>65,148<br>128<br>27,349       |
| Farm operators reporting net losses .....           | farms dollars   | 839<br>9,869   | 294<br>18,614    | 797<br>13,820    | 677<br>13,141    | 10<br>19,305    | 39<br>5,978      | 267<br>17,348<br>188<br>6,658        |
| Item  | Marquette       | Mason          | Mecosta          | Menominee        | Midland          | Missaukee       | Monroe           | Montcalm                             |
| Net cash farm income of operations (see text) ..... | \$1,000 dollars | -13<br>-82     | 803<br>1,686     | 5,463<br>6,871   | 5,563<br>14,994  | 5,315<br>10,421 | 7,591<br>18,424  | 12,781<br>10,795<br>25,609<br>22,464 |
| Farms with net gains <sup>1</sup> .....             | number dollars  | 42<br>24,238   | 174<br>37,935    | 324<br>29,828    | 179<br>39,661    | 264<br>29,590   | 199<br>51,722    | 541<br>39,868<br>516<br>67,102       |
| Farms with net losses .....                         | number dollars  | 117<br>8,812   | 302<br>19,199    | 471<br>8,921     | 192<br>8,003     | 246<br>10,150   | 213<br>12,686    | 643<br>13,666<br>624<br>14,447       |
| Net cash farm income of operators (see text) .....  | \$1,000 dollars | 22<br>139      | 1,145<br>2,406   | 6,422<br>8,078   | 5,690<br>15,338  | 4,439<br>8,704  | 8,230<br>19,975  | 11,270<br>9,519<br>24,965<br>21,899  |
| Farm operators reporting net gains .....            | farms dollars   | 43<br>24,072   | 175<br>39,791    | 318<br>31,024    | 180<br>39,933    | 272<br>26,077   | 219<br>48,305    | 541<br>37,312<br>535<br>63,546       |
| Farm operators reporting net losses .....           | farms dollars   | 116<br>8,732   | 301<br>19,330    | 477<br>7,219     | 191<br>7,841     | 238<br>11,152   | 193<br>12,172    | 643<br>13,865<br>605<br>14,930       |
| Item  | Montmorency     | Muskegon       | Newaygo          | Oakland          | Oceana           | Ogemaw          | Ontonagon        | Osceola                              |
| Net cash farm income of operations (see text) ..... | \$1,000 dollars | 1,272<br>9,088 | 7,040<br>13,037  | 13,203<br>14,769 | 21,832<br>34,006 | 9,496<br>14,654 | 4,126<br>16,117  | 323<br>3,014<br>6,113<br>10,343      |
| Farms with net gains <sup>1</sup> .....             | number dollars  | 65<br>23,293   | 226<br>43,530    | 348<br>53,702    | 194<br>136,089   | 287<br>48,815   | 129<br>45,400    | 30<br>24,086<br>276<br>27,679        |
| Farms with net losses .....                         | number dollars  | 75<br>3,224    | 314<br>8,910     | 546<br>10,046    | 448<br>10,199    | 361<br>12,505   | 127<br>13,627    | 77<br>5,195<br>315<br>4,847          |
| Net cash farm income of operators (see text) .....  | \$1,000 dollars | 1,281<br>9,147 | 6,875<br>12,732  | 13,091<br>14,643 | 22,023<br>34,303 | 9,482<br>14,633 | 4,113<br>16,065  | 332<br>3,106<br>6,028<br>10,200      |
| Farm operators reporting net gains .....            | farms dollars   | 65<br>23,416   | 226<br>43,921    | 360<br>51,601    | 247<br>107,394   | 288<br>48,482   | 137<br>42,501    | 30<br>24,328<br>276<br>27,373        |
| Farm operators reporting net losses .....           | farms dollars   | 75<br>3,220    | 314<br>9,716     | 534<br>10,272    | 395<br>11,402    | 360<br>12,446   | 119<br>14,369    | 77<br>5,162<br>315<br>4,847          |
| Item  | Oscoda          | Otsego         | Ottawa           | Presque Isle     | Roscommon        | Saginaw         | St. Clair        | St. Joseph                           |
| Net cash farm income of operations (see text) ..... | \$1,000 dollars | 721<br>5,771   | 1,653<br>9,664   | 56,218<br>43,512 | 3,443<br>11,437  | 444<br>9,449    | 26,189<br>19,256 | -1,116<br>-885<br>21,379<br>23,545   |
| Farms with net gains <sup>1</sup> .....             | number dollars  | 54<br>25,132   | 74<br>29,289     | 576<br>117,937   | 141<br>30,366    | 15<br>42,329    | 754<br>40,340    | 332<br>28,699<br>404<br>64,175       |
| Farms with net losses .....                         | number dollars  | 71<br>8,954    | 97<br>5,307      | 716<br>16,360    | 160<br>5,244     | 32<br>5,964     | 606<br>6,976     | 929<br>11,458<br>504<br>9,023        |
| Net cash farm income of operators (see text) .....  | \$1,000 dollars | 726<br>5,810   | 1,678<br>9,813   | 54,394<br>42,101 | 3,656<br>12,145  | 199<br>4,241    | 22,706<br>16,696 | -987<br>-783<br>20,564<br>22,648     |
| Farm operators reporting net gains .....            | farms dollars   | 54<br>25,157   | 80<br>27,180     | 583<br>113,468   | 146<br>29,618    | 15<br>26,011    | 731<br>37,747    | 332<br>29,260<br>409<br>61,618       |
| Farm operators reporting net losses .....           | farms dollars   | 71<br>8,903    | 91<br>5,455      | 709<br>16,583    | 155<br>4,314     | 32<br>5,964     | 629<br>7,770     | 929<br>11,519<br>499<br>9,293        |

See footnote(s) at end of table.

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**Table 4. Net Cash Farm Income of the Operations and Operators: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac            | Schoolcraft      | Shiawassee    | Tuscola        | Van Buren       | Washtenaw        | Wayne          | Wexford         |
|---|--------------------|------------------|---------------|----------------|-----------------|------------------|----------------|-----------------|
| Net cash farm income of operations (see text) ..... | \$1,000<br>dollars | 39,565<br>24,837 | 683<br>13,142 | 6,723<br>6,470 | 10,814<br>8,383 | 26,545<br>22,688 | 5,428<br>4,093 | 3,330<br>10,374 |
| Average per farm .....                              |                    |                  |               |                |                 |                  |                | 2,403<br>6,099  |
| Farms with net gains <sup>1</sup> .....             | number<br>dollars  | 871<br>51,675    | 23<br>38,737  | 462<br>25,517  | 531<br>43,441   | 530<br>59,868    | 346<br>43,608  | 84<br>67,251    |
| Average per farm .....                              |                    |                  |               |                |                 |                  |                | 158<br>28,652   |
| Farms with net losses .....                         | number<br>dollars  | 722<br>7,540     | 29<br>7,159   | 577<br>8,781   | 759<br>16,144   | 640<br>8,101     | 980<br>9,858   | 237<br>9,786    |
| Average per farm .....                              |                    |                  |               |                |                 |                  |                | 236<br>9,000    |
| Net cash farm income of operators (see text) .....  | \$1,000<br>dollars | 40,589<br>25,479 | 716<br>13,777 | 5,418<br>5,214 | 8,155<br>6,322  | 25,738<br>21,998 | 4,167<br>3,142 | 3,308<br>10,305 |
| Average per farm .....                              |                    |                  |               |                |                 |                  |                | 2,528<br>6,417  |
| Farm operators reporting net gains .....            | farms<br>dollars   | 925<br>48,941    | 23<br>40,173  | 454<br>24,346  | 523<br>40,670   | 530<br>58,345    | 361<br>39,863  | 93<br>61,553    |
| Average per farm .....                              |                    |                  |               |                |                 |                  |                | 175<br>25,969   |
| Farm operators reporting net losses .....           | farms<br>dollars   | 668<br>7,009     | 29<br>7,159   | 585<br>9,633   | 767<br>17,099   | 640<br>8,102     | 965<br>10,595  | 228<br>10,599   |
| Average per farm .....                              |                    |                  |               |                |                 |                  |                | 219<br>9,206    |

<sup>1</sup> Farms with total production expenses equal to total of market value of agricultural products sold, government payments, and farm-related income are included as farms with gains.

**Table 5. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan | Alcona     | Alger     | Allegan  | Alpena  | Antrim  | Arenac   |
|--|----------|------------|-----------|----------|---------|---------|----------|
| <b>GOVERNMENT PAYMENTS</b>   |          |            |           |          |         |         |          |
| Total received .....   |          |            |           |          |         |         |          |
| farms, 2002  | 18,133   | 52         | 12        | 345      | 122     | 94      | 221      |
| 1997   | 20,782   | 76         | 14        | 450      | 148     | 91      | 273      |
| \$1,000, 2002  | 144,771  | 154        | 168       | 3,884    | 538     | 365     | 1,240    |
| 1997   | 97,638   | 160        | 18        | 2,405    | 294     | 278     | 1,143    |
| Average per farm .....   | 7,984    | 2,958      | 14,009    | 11,259   | 4,408   | 3,887   | 5,613    |
| ..... dollars, 2002  | 4,698    | 2,102      | 1,312     | 5,345    | 1,985   | 3,050   | 4,187    |
| ..... 1997   |          |            |           |          |         |         |          |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... |          |            |           |          |         |         |          |
| farms, 2002  | 6,603    | 10         | 1         | 91       | 19      | 27      | 131      |
| 1997   | 5,776    | 22         | 1         | 91       | 23      | 28      | 129      |
| \$1,000, 2002  | 19,364   | 16         | (D)       | 190      | 17      | 20      | 517      |
| 1997   | 18,043   | 47         | (D)       | 204      | 22      | 65      | 506      |
| Average per farm .....   | 2,933    | 1,615      | (D)       | 2,090    | 913     | 731     | 3,946    |
| ..... dollars, 2002  | 3,124    | 2,143      | (D)       | 2,240    | 970     | 2,328   | 3,924    |
| ..... 1997   |          |            |           |          |         |         |          |
| Amount from other federal farm programs .....                        |          |            |           |          |         |         |          |
| farms, 2002  | 13,246   | 44         | 11        | 277      | 108     | 74      | 124      |
| 1997   | (NA)     | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| \$1,000, 2002  | 125,406  | 138        | (D)       | 3,694    | 520     | 346     | 724      |
| 1997   | (NA)     | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| Average per farm .....   | 9,467    | 3,129      | (D)       | 13,336   | 4,819   | 4,671   | 5,835    |
| ..... dollars, 2002  | (NA)     | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| ..... 1997   |          |            |           |          |         |         |          |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |          |            |           |          |         |         |          |
| Total .....  |          |            |           |          |         |         |          |
| farms, 2002  | 2,601    | 6          | 1         | 58       | 15      | 5       | 21       |
| 1997   | 1,664    | 3          | -         | 59       | 7       | 2       | 16       |
| \$1,000, 2002  | 72,023   | 16         | (D)       | 6,997    | 86      | 83      | 173      |
| 1997   | 52,821   | (D)        | -         | 4,755    | 143     | (D)     | 252      |
| Item   | Baraga   | Barry      | Bay       | Benzie   | Berrien | Branch  | Calhoun  |
| <b>GOVERNMENT PAYMENTS</b>   |          |            |           |          |         |         |          |
| Total received .....   |          |            |           |          |         |         |          |
| farms, 2002  | 9        | 396        | 376       | 21       | 330     | 578     | 458      |
| 1997   | 19       | 443        | 402       | 20       | 386     | 653     | 605      |
| \$1,000, 2002  | 2        | 2,656      | 2,073     | 146      | 3,016   | 4,575   | 3,437    |
| 1997   | 9        | 2,029      | 1,785     | 40       | 1,430   | 4,389   | 3,190    |
| Average per farm .....   | 193      | 6,706      | 5,512     | 6,954    | 9,139   | 7,915   | 7,505    |
| ..... dollars, 2002  | 492      | 4,580      | 4,439     | 2,006    | 3,705   | 6,721   | 5,272    |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... |          |            |           |          |         |         |          |
| farms, 2002  | -        | 222        | 135       | 1        | 85      | 307     | 163      |
| 1997   | -        | 244        | 82        | 2        | 113     | 307     | 195      |
| \$1,000, 2002  | -        | 635        | 409       | (D)      | 164     | 873     | 386      |
| 1997   | -        | 878        | 241       | (D)      | 299     | 1,064   | 664      |
| Average per farm .....   | -        | 2,860      | 3,028     | (D)      | 1,927   | 2,843   | 2,368    |
| ..... dollars, 2002  | -        | 3,597      | 2,944     | (D)      | 2,650   | 3,466   | 3,406    |
| ..... 1997   | -        | 212        | 285       | 20       | 261     | 330     | 327      |
| Amount from other federal farm programs .....                        |          |            |           |          |         |         |          |
| farms, 2002  | 9        | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| 1997   | (NA)     | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| \$1,000, 2002  | 2        | 2,021      | 1,664     | (D)      | 2,852   | 3,702   | 3,051    |
| 1997   | (NA)     | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| Average per farm .....   | 193      | 9,532      | 5,838     | (D)      | 10,927  | 11,218  | 9,331    |
| ..... dollars, 2002  | (NA)     | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| ..... 1997   |          |            |           |          |         |         |          |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |          |            |           |          |         |         |          |
| Total .....  |          |            |           |          |         |         |          |
| farms, 2002  | -        | 37         | 85        | -        | 41      | 74      | 77       |
| 1997   | -        | 30         | 42        | -        | 32      | 53      | 43       |
| \$1,000, 2002  | -        | 2,295      | 1,761     | -        | 2,524   | 2,581   | 1,901    |
| 1997   | -        | 902        | 1,264     | -        | 1,212   | 2,287   | 1,532    |
| Item   | Cass     | Charlevoix | Cheboygan | Chippewa | Clare   | Clinton | Crawford |
| <b>GOVERNMENT PAYMENTS</b>   |          |            |           |          |         |         |          |
| Total received .....   |          |            |           |          |         |         |          |
| farms, 2002  | 331      | 53         | 38        | 66       | 100     | 549     | -        |
| 1997   | 418      | 56         | 51        | 73       | 136     | 663     | -        |
| \$1,000, 2002  | 3,025    | 139        | 323       | 147      | 475     | 4,602   | -        |
| 1997   | 2,298    | 120        | 89        | 123      | 321     | 2,773   | -        |
| Average per farm .....   | 9,139    | 2,631      | 8,509     | 2,226    | 4,753   | 8,382   | -        |
| ..... dollars, 2002  | 5,497    | 2,150      | 1,741     | 1,685    | 2,363   | 4,183   | -        |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... |          |            |           |          |         |         |          |
| farms, 2002  | 97       | 11         | 8         | 13       | 38      | 227     | -        |
| 1997   | 79       | 14         | 7         | 4        | 36      | 169     | -        |
| \$1,000, 2002  | 290      | 10         | 3         | 12       | 96      | 446     | -        |
| 1997   | 192      | 38         | 12        | 7        | 88      | 414     | -        |
| Average per farm .....   | 2,985    | 922        | 364       | 937      | 2,533   | 1,966   | -        |
| ..... dollars, 2002  | 2,437    | 2,700      | 1,770     | 1,675    | 2,451   | 2,450   | -        |
| ..... 1997   |          |            |           |          |         |         |          |
| Amount from other federal farm programs .....                        |          |            |           |          |         |         |          |
| farms, 2002  | 262      | 42         | 31        | 56       | 69      | 390     | -        |
| 1997   | (NA)     | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| \$1,000, 2002  | 2,735    | 129        | 320       | 135      | 379     | 4,155   | -        |
| 1997   | (NA)     | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| Average per farm .....   | 10,441   | 3,079      | 10,337    | 2,406    | 5,494   | 10,654  | -        |
| ..... dollars, 2002  | (NA)     | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| ..... 1997   |          |            |           |          |         |         |          |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |          |            |           |          |         |         |          |
| Total .....  |          |            |           |          |         |         |          |
| farms, 2002  | 69       | 2          | 2         | 6        | 5       | 93      | -        |
| 1997   | 55       | -          | 3         | 2        | 5       | 72      | -        |
| \$1,000, 2002  | 4,104    | (D)        | (D)       | (D)      | 34      | 1,462   | -        |
| 1997   | 1,483    | -          | (D)       | (D)      | 44      | 1,757   | -        |

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**Table 5. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Delta          | Dickinson | Eaton     | Emmet     | Genesee  | Gladwin | Gogebic  |        |
|--|----------------|-----------|-----------|-----------|----------|---------|----------|--------|
| <b>GOVERNMENT PAYMENTS</b>   |                |           |           |           |          |         |          |        |
| Total received .....   |                |           |           |           |          |         |          |        |
| farms, 2002  | 55             | 31        | 447       | 33        | 218      | 178     | 3        |        |
| 1997   | 68             | 35        | 555       | 37        | 236      | 195     | 4        |        |
| \$1,000, 2002  | 405            | 194       | 3,058     | 147       | 1,601    | 657     | (Z)      |        |
| 1997   | 144            | 106       | 3,050     | 77        | 1,179    | 559     | (Z)      |        |
| Average per farm .....   | dollars, 2002  | 7,362     | 6,252     | 6,842     | 4,453    | 7,346   | 3,692    |        |
|  | 1997           | 2,112     | 3,036     | 5,495     | 2,081    | 4,997   | 2,866    |        |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... | farms, 2002    | 2         | 7         | 199       | 6        | 42      | 85       |        |
|  | 1997           | 7         | 6         | 222       | 3        | 28      | 84       |        |
| \$1,000, 2002  | (D)            | 4         | 612       | 10        | 116      | 292     | -        |        |
| 1997   | 20             | 21        | 839       | 6         | 92       | 259     | -        |        |
| Average per farm .....   | dollars, 2002  | (D)       | 596       | 3,077     | 1,633    | 2,752   | 3,434    |        |
|  | 1997           | 2,856     | 3,455     | 3,780     | 1,983    | 3,275   | 3,080    |        |
| Amount from other federal farm programs .....                        | farms, 2002    | 54        | 27        | 285       | 28       | 185     | 110      |        |
|  | 1997           | (NA)      | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     |        |
| \$1,000, 2002  | (D)            | 190       | 2,446     | 137       | 1,486    | 365     | (Z)      |        |
| 1997   | (NA)           | (NA)      | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     |        |
| Average per farm .....   | dollars, 2002  | (D)       | 7,024     | 8,583     | 4,898    | 8,031   | 3,320    |        |
|  | 1997           | (NA)      | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     |        |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |                |           |           |           |          |         |          |        |
| Total .....  | farms, 2002    | 5         | 2         | 74        | -        | 30      | 10       |        |
|  | 1997           | 1         | 1         | 31        | 1        | 21      | 12       |        |
| \$1,000, 2002  | 9              | (D)       | 2,294     | -         | 993      | 192     | -        |        |
| 1997   | (D)            | 1,579     | (D)       | (D)       | 460      | 164     | -        |        |
| Item   | Grand Traverse | Gratiot   | Hillsdale | Houghton  | Huron    | Ingham  | Ionia    | Iosco  |
| <b>GOVERNMENT PAYMENTS</b>   |                |           |           |           |          |         |          |        |
| Total received .....   | farms, 2002    | 90        | 574       | 836       | 26       | 775     | 237      | 509    |
|  | 1997           | 106       | 591       | 899       | 29       | 848     | 261      | 628    |
| \$1,000, 2002  | 639            | 5,139     | 5,403     | 70        | 7,598    | 2,880   | 4,277    | 616    |
| 1997   | 361            | 2,897     | 4,603     | 32        | 5,015    | 1,750   | 3,155    | 273    |
| Average per farm .....   | dollars, 2002  | 7,095     | 8,953     | 6,463     | 2,708    | 9,804   | 12,152   | 8,402  |
|  | 1997           | 3,408     | 4,902     | 5,120     | 1,097    | 5,914   | 6,704    | 5,023  |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... | farms, 2002    | 29        | 295       | 513       | 7        | 411     | 44       | 186    |
|  | 1997           | 21        | 191       | 530       | 5        | 242     | 28       | 173    |
| \$1,000, 2002  | 30             | 1,083     | 1,712     | 13        | 1,554    | 68      | 475      | 164    |
| 1997   | 45             | 581       | 1,921     | 9         | 882      | 142     | 581      | 66     |
| Average per farm .....   | dollars, 2002  | 1,040     | 3,672     | 3,338     | 1,901    | 3,782   | 1,540    | 2,552  |
|  | 1997           | 2,129     | 3,044     | 3,625     | 1,742    | 3,643   | 5,062    | 3,357  |
| Amount from other federal farm programs .....                        | farms, 2002    | 67        | 386       | 428       | 21       | 494     | 206      | 367    |
|  | 1997           | (NA)      | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     | 69     |
| \$1,000, 2002  | 608            | 4,056     | 3,691     | 57        | 6,044    | 2,812   | 3,802    | 452    |
| 1997   | (NA)           | (NA)      | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| Average per farm .....   | dollars, 2002  | 9,080     | 10,507    | 8,623     | 2,719    | 12,235  | 13,652   | 10,359 |
|  | 1997           | (NA)      | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     | 6,546  |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |                |           |           |           |          |         |          |        |
| Total .....  | farms, 2002    | 11        | 82        | 61        | 1        | 117     | 54       | 97     |
|  | 1997           | 5         | 47        | 42        | -        | 123     | 27       | 61     |
| \$1,000, 2002  | 33             | 1,180     | 1,975     | (D)       | 2,032    | 1,846   | 3,631    | (D)    |
| 1997   | 44             | 1,195     | 2,143     | -         | 3,740    | 1,420   | 1,140    | 50     |
| Item   | Iron           | Isabella  | Jackson   | Kalamazoo | Kalkaska | Kent    | Keweenaw | Lake   |
| <b>GOVERNMENT PAYMENTS</b>   |                |           |           |           |          |         |          |        |
| Total received .....   | farms, 2002    | 20        | 450       | 359       | 216      | 22      | 305      | -      |
|  | 1997           | 15        | 541       | 465       | 248      | 42      | 418      | 32     |
| \$1,000, 2002  | 15             | 2,188     | 2,994     | 2,015     | 55       | 3,967   | -        | 32     |
| 1997   | 34             | 1,869     | 2,133     | 1,649     | 92       | 1,774   | -        | 96     |
| Average per farm .....   | dollars, 2002  | 736       | 4,861     | 8,339     | 9,328    | 2,478   | 13,005   | -      |
|  | 1997           | 2,279     | 3,456     | 4,587     | 6,648    | 2,185   | 4,243    | 2,987  |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... | farms, 2002    | 1         | 177       | 78        | 54       | 4       | 71       | -      |
|  | 1997           | 3         | 157       | 124       | 30       | 5       | 87       | 18     |
| \$1,000, 2002  | (D)            | 415       | 153       | 89        | 4        | 179     | -        | 13     |
| 1997   | (Z)            | 523       | 338       | 74        | 12       | 248     | -        | 36     |
| Average per farm .....   | dollars, 2002  | (D)       | 2,344     | 1,957     | 1,652    | 1,097   | 2,522    | -      |
|  | 1997           | 26        | 3,332     | 2,722     | 2,456    | 2,475   | 2,850    | 2,020  |
| Amount from other federal farm programs .....                        | farms, 2002    | 19        | 314       | 300       | 176      | 20      | 250      | -      |
|  | 1997           | (NA)      | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     | 19     |
| \$1,000, 2002  | (D)            | 1,773     | 2,841     | 1,926     | 50       | 3,788   | (NA)     | (NA)   |
| 1997   | (NA)           | (NA)      | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     | 59     |
| Average per farm .....   | dollars, 2002  | (D)       | 5,646     | 9,471     | 10,941   | 2,507   | 15,150   | -      |
|  | 1997           | (NA)      | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     | 3,117  |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |                |           |           |           |          |         |          |        |
| Total .....  | farms, 2002    | -         | 55        | 49        | 43       | 1       | 42       | -      |
|  | 1997           | -         | 40        | 30        | 28       | 1       | 36       | -      |
| \$1,000, 2002  | -              | 1,344     | 928       | 2,699     | (D)      | 1,229   | -        | -      |
| 1997   | -              | 580       | 889       | 770       | (D)      | 1,364   | -        | -      |

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**Table 5. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Lapeer      | Leelanau | Lenawee | Livingston | Luce    | Mackinac  | Macomb    | Manistee |
|--|-------------|----------|---------|------------|---------|-----------|-----------|----------|
| <b>GOVERNMENT PAYMENTS</b>   |             |          |         |            |         |           |           |          |
| Total received .....   |             |          |         |            |         |           |           |          |
| farms, 2002  | 291         | 65       | 855     | 119        | 6       | 10        | 114       | 46       |
| 1997   | 329         | 68       | 840     | 160        | 3       | 13        | 159       | 72       |
| \$1,000, 2002  | 2,610       | 968      | 7,897   | 1,130      | 13      | 110       | 939       | 204      |
| 1997   | 1,843       | 130      | 5,825   | 673        | (D)     | 29        | 603       | 103      |
| Average per farm .....   | 8,967       | 14,886   | 9,237   | 9,492      | 2,176   | 11,049    | 8,241     | 4,425    |
| dollars, 2002  |             |          |         |            |         |           |           |          |
| 1997   | 5,601       | 1,908    | 6,935   | 4,204      | (D)     | 2,228     | 3,792     | 1,437    |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... |             |          |         |            |         |           |           |          |
| farms, 2002  | 62          | 4        | 530     | 19         | -       | -         | 9         | 4        |
| 1997   | 59          | 15       | 378     | 31         | -       | -         | 24        | 15       |
| \$1,000, 2002  | 177         | 2        | 2,352   | 29         | -       | -         | 8         | 2        |
| 1997   | 166         | 17       | 1,526   | 68         | -       | -         | 79        | 52       |
| Average per farm .....   | 2,858       | 400      | 4,438   | 1,538      | -       | -         | 925       | 449      |
| dollars, 2002  |             |          |         |            |         |           | 3,295     | 3,468    |
| 1997   | 2,806       | 1,150    | 4,037   | 2,198      | 6       | 10        | (NA)      | (NA)     |
| Amount from other federal farm programs .....                        |             |          |         |            |         |           |           |          |
| farms, 2002  | 238         | 62       | 467     | 104        | (NA)    | (NA)      | 106       | 43       |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)      | (NA)     |
| \$1,000, 2002  | 2,432       | 966      | 5,545   | 1,100      | 13      | 110       | 931       | 202      |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)      | (NA)     |
| Average per farm .....   | 10,220      | 15,581   | 11,874  | 10,580     | 2,176   | 11,049    | 8,785     | 4,691    |
| dollars, 2002  |             |          |         |            |         |           |           |          |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)      | (NA)     |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |             |          |         |            |         |           |           |          |
| Total .....  |             |          |         |            |         |           |           |          |
| farms, 2002  | 47          | 4        | 123     | 29         | -       | -         | 14        | 9        |
| 1997   | 22          | -        | 78      | 10         | -       | -         | 7         | -        |
| \$1,000, 2002  | 831         | (D)      | 4,666   | 1,630      | -       | -         | 276       | 8        |
| 1997   | 926         | -        | 3,557   | 203        | -       | -         | 160       | -        |
| Item   | Marquette   | Mason    | Mecosta | Menominee  | Midland | Missaukee | Monroe    | Montcalm |
| <b>GOVERNMENT PAYMENTS</b>   |             |          |         |            |         |           |           |          |
| Total received .....   |             |          |         |            |         |           |           |          |
| farms, 2002  | 6           | 136      | 261     | 98         | 192     | 122       | 403       | 439      |
| 1997   | 9           | 155      | 257     | 126        | 170     | 138       | 431       | 543      |
| \$1,000, 2002  | 147         | 707      | 1,051   | 1,138      | 1,083   | 1,601     | 4,129     | 2,934    |
| 1997   | (D)         | 481      | 673     | 416        | 585     | 447       | 2,153     | 2,469    |
| Average per farm .....   | 24,568      | 5,198    | 4,026   | 11,616     | 5,642   | 13,125    | 10,245    | 6,684    |
| dollars, 2002  |             |          |         |            |         |           |           |          |
| 1997   | (D)         | 3,102    | 2,617   | 3,303      | 3,438   | 3,238     | 4,995     | 4,546    |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... |             |          |         |            |         |           |           |          |
| farms, 2002  | 1           | 39       | 113     | 7          | 99      | 21        | 93        | 178      |
| 1997   | -           | 22       | 110     | 14         | 37      | 27        | 37        | 207      |
| \$1,000, 2002  | (D)         | 45       | 209     | 14         | 364     | 71        | 219       | 303      |
| 1997   | -           | 37       | 220     | 27         | 94      | 43        | 73        | 560      |
| Average per farm .....   | 1,147       | 1,852    | 2,043   | 3,675      | 3,399   | 2,352     | 1,701     | 2,707    |
| dollars, 2002  |             |          |         |            |         |           |           |          |
| 1997   | (D)         | 1,664    | 1,999   | 1,956      | 2,531   | 1,600     | 1,986     | 2,707    |
| Amount from other federal farm programs .....                        |             |          |         |            |         |           |           |          |
| farms, 2002  | 5           | 113      | 173     | 94         | 128     | 107       | 368       | 309      |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)      | (NA)     |
| \$1,000, 2002  | 662         | 842      | 1,124   | 719        | 1,530   | 3,910     | 2,631     | 2,631    |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)      | (NA)     |
| Average per farm .....   | 5,860       | 4,865    | 11,959  | 5,620      | 14,298  | 10,922    | 8,516     | 8,516    |
| dollars, 2002  |             |          |         |            |         |           |           |          |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)      | (NA)     |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |             |          |         |            |         |           |           |          |
| Total .....  |             |          |         |            |         |           |           |          |
| farms, 2002  | -           | 15       | 9       | 6          | 29      | 16        | 95        | 63       |
| 1997   | -           | 11       | 9       | 8          | 4       | 11        | 53        | 25       |
| \$1,000, 2002  | -           | 252      | 97      | 109        | 102     | 175       | 2,731     | 718      |
| 1997   | -           | 180      | 30      | 57         | 38      | 100       | 1,449     | 425      |
| Item   | Montmorency | Muskegon | Newaygo | Oakland    | Oceana  | Ogemaw    | Ontonagon | Osceola  |
| <b>GOVERNMENT PAYMENTS</b>   |             |          |         |            |         |           |           |          |
| Total received .....   |             |          |         |            |         |           |           |          |
| farms, 2002  | 23          | 101      | 249     | 41         | 158     | 95        | 19        | 193      |
| 1997   | 43          | 129      | 299     | 67         | 151     | 127       | 14        | 185      |
| \$1,000, 2002  | 133         | 1,134    | 2,178   | 177        | 1,234   | 1,003     | 109       | 1,247    |
| 1997   | 103         | 600      | 792     | 332        | 722     | 381       | 10        | 448      |
| Average per farm .....   | 5,768       | 11,232   | 8,747   | 4,315      | 7,809   | 10,555    | 5,762     | 6,463    |
| dollars, 2002  |             |          |         |            |         |           |           |          |
| 1997   | 2,386       | 4,649    | 2,650   | 4,962      | 4,778   | 3,003     | 709       | 2,424    |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... |             |          |         |            |         |           |           |          |
| farms, 2002  | 3           | 23       | 46      | 1          | 31      | 17        | -         | 57       |
| 1997   | 8           | 18       | 53      | 16         | 26      | 15        | -         | 52       |
| \$1,000, 2002  | 4           | 39       | 60      | (D)        | 90      | 26        | -         | 101      |
| 1997   | 15          | 33       | 67      | 46         | 54      | 62        | -         | 113      |
| Average per farm .....   | 1,280       | 1,700    | 1,310   | (D)        | 2,894   | 1,558     | -         | 1,767    |
| dollars, 2002  |             |          |         |            |         |           |           |          |
| 1997   | 1,844       | 1,842    | 1,257   | 2,891      | 2,064   | 4,113     | -         | 2,177    |
| Amount from other federal farm programs .....                        |             |          |         |            |         |           |           |          |
| farms, 2002  | 22          | 85       | 220     | 40         | 135     | 88        | 19        | 141      |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)      | (NA)     |
| \$1,000, 2002  | 129         | 1,095    | 2,118   | (D)        | 1,144   | 976       | 109       | 1,147    |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)      | (NA)     |
| Average per farm .....   | 5,855       | 12,887   | 9,626   | (D)        | 8,474   | 11,094    | 5,762     | 8,133    |
| dollars, 2002  |             |          |         |            |         |           |           |          |
| 1997   | (NA)        | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)      | (NA)     |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |             |          |         |            |         |           |           |          |
| Total .....  |             |          |         |            |         |           |           |          |
| farms, 2002  | 5           | 19       | 24      | 9          | 12      | 6         | 2         | 4        |
| 1997   | -           | 10       | 25      | 7          | 11      | 7         | -         | 4        |
| \$1,000, 2002  | 134         | 235      | 207     | 95         | 160     | 81        | (D)       | (D)      |
| 1997   | -           | 181      | 234     | 213        | 71      | 60        | -         | (D)      |

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**Table 5. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Oscoda        | Otsego      | Ottawa     | Presque Isle | Roscommon | Saginaw   | St. Clair | St. Joseph |
|--|---------------|-------------|------------|--------------|-----------|-----------|-----------|------------|
| <b>GOVERNMENT PAYMENTS</b>   |               |             |            |              |           |           |           |            |
| Total received .....   |               |             |            |              |           |           |           |            |
| farms, 2002  | 9             | 34          | 301        | 78           | 6         | 684       | 294       | 396        |
| 1997   | 18            | 61          | 389        | 95           | 4         | 695       | 319       | 508        |
| \$1,000, 2002  | 50            | 146         | 3,435      | 388          | 6         | 4,927     | 1,612     | 3,970      |
| 1997   | 25            | 124         | 1,907      | 143          | (D)       | 2,894     | 1,379     | 3,801      |
| Average per farm .....   | dollars, 2002 | 5,527       | 4,305      | 11,412       | 4,972     | 1,053     | 7,203     | 5,484      |
|  | 1997          | 1,367       | 2,025      | 4,902        | 1,509     | (D)       | 4,163     | 4,323      |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... | farms, 2002   | -           | 2          | 48           | 24        | -         | 249       | 56         |
|  | 1997          | 2           | 12         | 70           | 21        | 2         | 71        | 50         |
| \$1,000, 2002  | -             | (D)         | 87         | 44           | -         | 982       | 63        | 318        |
| 1997   | (D)           | 34          | 168        | 29           | (D)       | 181       | 143       | 333        |
| Average per farm .....   | dollars, 2002 | (D)         | (D)        | 1,814        | 1,822     | 3,943     | 1,127     | 2,671      |
|  | 1997          | (D)         | 2,836      | 2,396        | 1,364     | (D)       | 2,553     | 2,868      |
| Amount from other federal farm programs .....                        | farms, 2002   | 9           | 33         | 263          | 63        | 6         | 531       | 246        |
|  | 1997          | (NA)        | (NA)       | (NA)         | (NA)      | (NA)      | (NA)      | 301        |
| \$1,000, 2002  | 50            | (D)         | 3,348      | 344          | 6         | 3,945     | 1,549     | 3,652      |
| 1997   | (NA)          | (NA)        | (NA)       | (NA)         | (NA)      | (NA)      | (NA)      | (NA)       |
| Average per farm .....   | dollars, 2002 | 5,527       | (D)        | 12,730       | 5,461     | 1,053     | 7,429     | 6,297      |
|  | 1997          | (NA)        | (NA)       | (NA)         | (NA)      | (NA)      | (NA)      | 12,134     |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |               |             |            |              |           |           |           |            |
| Total .....  | farms, 2002   | -           | 10         | 42           | 9         | -         | 123       | 51         |
|  | 1997          | -           | 1          | 26           | 4         | -         | 68        | 15         |
| \$1,000, 2002  | -             | 19          | 992        | 11           | -         | 2,276     | 1,893     | 2,701      |
| 1997   | -             | (D)         | 583        | (D)          | -         | 2,455     | 1,027     | 1,395      |
| Item   | Sanilac       | Schoolcraft | Shiawassee | Tuscola      | Van Buren | Washtenaw | Wayne     | Wexford    |
| <b>GOVERNMENT PAYMENTS</b>   |               |             |            |              |           |           |           |            |
| Total received .....   | farms, 2002   | 862         | 9          | 445          | 641       | 280       | 304       | 33         |
|  | 1997          | 910         | 9          | 509          | 625       | 306       | 368       | 51         |
| \$1,000, 2002  | 8,140         | 13          | 3,535      | 5,069        | 2,092     | 2,251     | 134       | 147        |
| 1997   | 5,004         | 13          | 1,891      | 3,327        | 1,458     | 1,756     | 212       | 110        |
| Average per farm .....   | dollars, 2002 | 9,443       | 1,396      | 7,945        | 7,908     | 7,473     | 7,406     | 4,067      |
|  | 1997          | 5,499       | 1,487      | 3,715        | 5,323     | 4,764     | 4,773     | 4,150      |
| Amount from Conservation Reserve and Wetlands Reserve Programs ..... | farms, 2002   | 340         | -          | 95           | 306       | 105       | 44        | 7          |
|  | 1997          | 307         | 2          | 53           | 151       | 95        | 68        | 31         |
| \$1,000, 2002  | 1,170         | -           | 220        | 915          | 226       | 82        | 5         | 16         |
| 1997   | 1,165         | (D)         | 111        | 461          | 323       | 150       | 108       | 45         |
| Average per farm .....   | dollars, 2002 | 3,441       | -          | 2,316        | 2,989     | 2,148     | 1,867     | 662        |
|  | 1997          | 3,795       | (D)        | 2,093        | 3,054     | 3,405     | 2,209     | 3,474      |
| Amount from other federal farm programs .....                        | farms, 2002   | 594         | 9          | 377          | 442       | 190       | 271       | 27         |
|  | 1997          | (NA)        | (NA)       | (NA)         | (NA)      | (NA)      | (NA)      | 51         |
| \$1,000, 2002  | 6,970         | 13          | 3,315      | 4,154        | 1,867     | 2,169     | 130       | 131        |
| 1997   | (NA)          | (NA)        | (NA)       | (NA)         | (NA)      | (NA)      | (NA)      | (NA)       |
| Average per farm .....   | dollars, 2002 | 11,735      | 1,396      | 8,794        | 9,398     | 9,826     | 8,004     | 4,799      |
|  | 1997          | (NA)        | (NA)       | (NA)         | (NA)      | (NA)      | (NA)      | 2,561      |
| <b>COMMODITY CREDIT CORPORATION LOANS</b>                            |               |             |            |              |           |           |           |            |
| Total .....  | farms, 2002   | 132         | 1          | 99           | 104       | 30        | 57        | 2          |
|  | 1997          | 88          | -          | 64           | 62        | 20        | 30        | 1          |
| \$1,000, 2002  | 2,544         | (D)         | 1,039      | 2,348        | 646       | 503       | (D)       | (D)        |
| 1997   | 2,591         | -           | 1,667      | 2,716        | 578       | 583       | (D)       | 24         |

**Table 6. Income From Farm-Related Sources: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan | Alcona | Alger | Allegan | Alpena  | Antrim | Arenac  |
|---|----------|--------|-------|---------|---------|--------|---------|
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> |          |        |       |         |         |        |         |
| farms, 2002   | 15,056   | 45     | 21    | 473     | 86      | 91     | 84      |
| 1997  | 13,014   | 59     | 23    | 515     | 74      | 95     | 80      |
| \$1,000, 2002   | 133,320  | 99     | 54    | 3,771   | 190     | 967    | 353     |
| 1997  | 67,445   | 91     | 115   | 2,552   | 119     | 422    | 307     |
| Average per farm  | 8,855    | 2,195  | 2,577 | 7,973   | 2,206   | 10,625 | 4,202   |
| dollars, 2002   |          |        |       |         |         |        |         |
| 1997  | 5,182    | 1,545  | 4,982 | 4,955   | 1,607   | 4,441  | 3,833   |
| Customwork and other agricultural services  | 3,087    | 2      | 5     | 112     | 21      | 15     | 14      |
| farms, 2002   | 3,655    | 12     | 12    | 146     | 12      | 20     | 19      |
| 1997  | 29,184   | (D)    | 7     | 967     | 44      | 126    | 48      |
| \$1,000, 2002   | 24,949   | 35     | 24    | 1,046   | (D)     | 123    | 71      |
| Gross cash rent or share payments (see text)  | 5,446    | 16     | 8     | 240     | 18      | 19     | 42      |
| farms, 2002   | 5,075    | 30     | 5     | 198     | 39      | 12     | 50      |
| 1997  | 29,230   | 17     | 14    | 1,212   | 15      | (D)    | 195     |
| \$1,000, 2002   | 21,165   | 32     | (D)   | 932     | 60      | 39     | 221     |
| Sales of forest products, excluding Christmas trees and maple products                          | 1,557    | 6      | 5     | 27      | 8       | 31     | 4       |
| farms, 2002   | 1,647    | 11     | 6     | 33      | 1       | 35     | 4       |
| 1997  | 11,799   | 35     | 11    | 139     | 46      | 280    | 7       |
| \$1,000, 2002   | 10,872   | 17     | 61    | 210     | (D)     | 214    | 2       |
| Recreational services (see text)  | 615      | 3      | -     | 14      | 6       | 5      | 4       |
| farms, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  | 3,295    | (D)    | -     | 13      | 12      | (D)    | 6       |
| \$1,000, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  |          |        |       |         |         |        |         |
| Patronage dividends and refunds from cooperatives (see text)                                    | 3,247    | 4      | 5     | 101     | 12      | 20     | 12      |
| farms, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  | 8,745    | 6      | 7     | 393     | 17      | 118    | 19      |
| \$1,000, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  |          |        |       |         |         |        |         |
| Other farm-related income sources (see text)  | 5,177    | 18     | 7     | 132     | 36      | 27     | 23      |
| farms, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  | 51,067   | 36     | 15    | 1,049   | 55      | 370    | 77      |
| \$1,000, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  |          |        |       |         |         |        |         |
| Item  | Baraga   | Barry  | Bay   | Benzie  | Berrien | Branch | Calhoun |
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> |          |        |       |         |         |        |         |
| farms, 2002   | 14       | 269    | 216   | 54      | 436     | 313    | 384     |
| 1997  | 14       | 271    | 132   | 44      | 412     | 299    | 281     |
| \$1,000, 2002   | 133      | 2,071  | 1,405 | 476     | 4,430   | 3,100  | 2,472   |
| 1997  | 32       | 1,024  | 612   | 466     | 2,726   | 1,252  | 1,395   |
| Average per farm  | 9,518    | 7,698  | 6,502 | 8,820   | 10,161  | 9,905  | 6,437   |
| dollars, 2002   |          |        |       |         |         |        |         |
| 1997  | 2,270    | 3,777  | 4,634 | 10,598  | 6,617   | 4,187  | 4,964   |
| Customwork and other agricultural services  | 5        | 57     | 53    | 11      | 79      | 63     | 97      |
| farms, 2002   | 3        | 73     | 40    | 13      | 130     | 43     | 68      |
| 1997  | 78       | (D)    | 254   | (D)     | 749     | 767    | 570     |
| \$1,000, 2002   | 332      | 228    | 80    | 1,348   | 1,348   | 174    | 390     |
| Gross cash rent or share payments (see text)  | 1        | 109    | 98    | 4       | 166     | 164    | 154     |
| farms, 2002   | 3        | 140    | 71    | 4       | 160     | 152    | 121     |
| 1997  | (D)      | 409    | 596   | (D)     | 1,108   | 1,308  | 460     |
| \$1,000, 2002   | 395      | 250    | (D)   | 427     | 427     | 776    | 636     |
| Sales of forest products, excluding Christmas trees and maple products                          | 6        | 41     | 2     | 27      | 22      | 33     | 47      |
| farms, 2002   | 7        | 46     | 4     | 23      | 37      | 13     | 35      |
| 1997  | (D)      | 413    | (D)   | 181     | 157     | 324    | 402     |
| \$1,000, 2002   | 18       | 141    | 22    | 366     | 146     | 141    | 239     |
| Recreational services (see text)  | -        | 12     | 3     | 2       | 12      | 20     | 12      |
| farms, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  | -        | 37     | (D)   | (D)     | 198     | 60     | 14      |
| \$1,000, 2002   | -        | 37     | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| Patronage dividends and refunds from cooperatives (see text)                                    | 1        | 53     | 27    | -       | 171     | 28     | 45      |
| farms, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  | (D)      | 425    | (D)   | -       | 472     | 88     | 93      |
| \$1,000, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| Other farm-related income sources (see text)  | 2        | 79     | 87    | 14      | 147     | 84     | 102     |
| farms, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  | (D)      | 357    | 507   | 229     | 1,746   | 554    | 933     |
| \$1,000, 2002   | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |
| 1997  | (NA)     | (NA)   | (NA)  | (NA)    | (NA)    | (NA)   | (NA)    |

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass   | Charlevoix | Cheboygan | Chippewa | Clare   | Clinton | Crawford |
|---|--------|------------|-----------|----------|---------|---------|----------|
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> |        |            |           |          |         |         |          |
| farms, 2002   | 241    | 78         | 46        | 83       | 91      | 349     | 18       |
| 1997  | 207    | 68         | 54        | 43       | 69      | 357     | 7        |
| \$1,000, 2002   | 3,696  | 549        | 228       | 251      | 287     | 2,816   | 422      |
| 1997  | 1,460  | 205        | 101       | 127      | 418     | 1,630   | 27       |
| Average per farm  | 15,338 | 7,036      | 4,967     | 3,020    | 3,155   | 8,070   | 23,447   |
| dollars, 2002   |        |            |           |          |         |         |          |
| 1997  | 7,055  | 3,012      | 1,872     | 2,948    | 6,061   | 4,566   | 3,861    |
| Customwork and other agricultural services  | 57     | 17         | 9         | 9        | 16      | 83      | -        |
| farms, 2002   | 72     | 22         | 17        | 18       | 27      | 129     | 2        |
| 1997  | 1,135  | 42         | 21        | 41       | 19      | 672     | -        |
| \$1,000, 2002   | 281    | 97         | 16        | 20       | 256     | 517     | (D)      |
| Gross cash rent or share payments (see text)  | 100    | 5          | 12        | 12       | 19      | 160     | 6        |
| farms, 2002   | 101    | 21         | 9         | 3        | 29      | 164     | 2        |
| 1997  | 1,247  | 4          | 19        | 24       | 49      | 701     | (D)      |
| \$1,000, 2002   | 458    | 32         | 8         | 2        | 36      | 720     | (D)      |
| Sales of forest products, excluding Christmas trees and maple products                          | 40     | 23         | 9         | 26       | 19      | 17      | 1        |
| farms, 2002   | 44     | 9          | 14        | 15       | 7       | 18      | 3        |
| 1997  | 447    | 295        | 102       | 102      | 68      | 89      | (D)      |
| \$1,000, 2002   | 580    | 60         | 52        | 70       | 106     | 30      | 23       |
| Recreational services (see text)  | 21     | 8          | 6         | 5        | 17      | 12      | 8        |
| farms, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| 1997  | 123    | 12         | 32        | 1        | 55      | 16      | 384      |
| \$1,000, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| 1997  |        |            |           |          |         |         |          |
| Patronage dividends and refunds from cooperatives (see text)                                    | 43     | 20         | 7         | 23       | 10      | 49      | -        |
| farms, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| 1997  | 72     | 9          | 30        | 15       | 27      | 217     | -        |
| \$1,000, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| 1997  |        |            |           |          |         |         |          |
| Other farm-related income sources (see text)  | 68     | 34         | 13        | 28       | 29      | 96      | 3        |
| farms, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | 1,121   | (NA)     |
| 1997  | 672    | 186        | 25        | 68       | (NA)    | 29      | (NA)     |
| \$1,000, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    |         |          |
| 1997  |        |            |           |          |         |         |          |
| Item  | Delta  | Dickinson  | Eaton     | Emmet    | Genesee | Gladwin | Gogebic  |
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> |        |            |           |          |         |         |          |
| farms, 2002   | 65     | 41         | 448       | 63       | 268     | 92      | 17       |
| 1997  | 62     | 23         | 371       | 48       | 178     | 84      | 7        |
| \$1,000, 2002   | 211    | 250        | 3,087     | 299      | 2,436   | 252     | 295      |
| 1997  | 175    | 166        | 883       | 119      | 496     | 182     | 26       |
| Average per farm  | 3,248  | 6,094      | 6,891     | 4,747    | 9,090   | 2,739   | 17,362   |
| dollars, 2002   |        |            |           |          |         |         |          |
| 1997  | 2,829  | 7,233      | 2,381     | 2,487    | 2,789   | 2,163   | 3,701    |
| Customwork and other agricultural services  | 7      | 4          | 73        | 16       | 46      | 16      | 4        |
| farms, 2002   | 19     | 5          | 81        | 13       | 54      | 39      | 4        |
| 1997  | 14     | 8          | 361       | 32       | 244     | 50      | (D)      |
| \$1,000, 2002   | 8      | 5          | 324       | (D)      | 66      | 120     | 14       |
| Gross cash rent or share payments (see text)  | 8      | 6          | 161       | 7        | 100     | 35      | -        |
| farms, 2002   | 17     | 6          | 121       | 2        | 99      | 34      | -        |
| 1997  | 12     | (D)        | 769       | (D)      | 290     | 77      | -        |
| \$1,000, 2002   | 34     | 9          | 166       | (D)      | 276     | 37      | -        |
| Sales of forest products, excluding Christmas trees and maple products                          | 14     | 20         | 21        | 21       | 15      | 6       | 7        |
| farms, 2002   | 21     | 17         | 29        | 24       | 11      | 16      | 1        |
| 1997  | 49     | 141        | 469       | 118      | 55      | (D)     | 29       |
| \$1,000, 2002   | 118    | 143        | 155       | 75       | 4       | 3       | (D)      |
| Recreational services (see text)  | 11     | 1          | 7         | 1        | 11      | 11      | -        |
| farms, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| 1997  | 54     | (D)        | 8         | (D)      | (D)     | 40      | -        |
| \$1,000, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| 1997  |        |            |           |          |         |         |          |
| Patronage dividends and refunds from cooperatives (see text)                                    | 11     | 7          | 162       | 9        | 16      | 3       | 3        |
| farms, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (D)      |
| 1997  | 10     | 29         | 390       | 19       | (D)     | (D)     | (NA)     |
| \$1,000, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| 1997  |        |            |           |          |         |         |          |
| Other farm-related income sources (see text)  | 28     | 21         | 125       | 24       | 110     | 29      | 12       |
| farms, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| 1997  | 72     | 70         | 1,090     | 120      | 1,779   | 64      | 256      |
| \$1,000, 2002   | (NA)   | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| 1997  |        |            |           |          |         |         |          |

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand<br>Traverse | Gratiot  | Hillsdale | Houghton  | Huron    | Ingham | Ionia    | Iosco  |
|---|-------------------|----------|-----------|-----------|----------|--------|----------|--------|
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> |                   |          |           |           |          |        |          |        |
| farms, 2002   | 116               | 323      | 344       | 36        | 550      | 300    | 396      | 54     |
| 1997  | 124               | 250      | 293       | 21        | 538      | 242    | 353      | 88     |
| \$1,000, 2002   | 891               | 3,869    | 2,066     | 419       | 6,225    | 4,640  | 2,742    | 164    |
| 1997  | 551               | 1,284    | 2,252     | 79        | 3,309    | 1,035  | 1,654    | 143    |
| Average per farm  | 7,682             | 11,977   | 6,005     | 11,626    | 11,319   | 15,466 | 6,923    | 3,032  |
| dollars, 2002   |                   |          |           |           |          |        |          |        |
| 1997  | 4,447             | 5,137    | 7,687     | 3,762     | 6,151    | 4,276  | 4,686    | 1,623  |
| Customwork and other agricultural services  | 27                | 79       | 67        | 9         | 124      | 58     | 72       | 11     |
| farms, 2002   |                   |          |           |           |          |        |          |        |
| 1997  | 28                | 90       | 81        | 9         | 124      | 66     | 64       | 30     |
| \$1,000, 2002   | 237               | 1,050    | 493       | (D)       | 1,458    | 567    | 727      | 11     |
| 1997  | 357               | 430      | 1,362     | 22        | 1,404    | 261    | 303      | 37     |
| Gross cash rent or share payments (see text)  | 25                | 144      | 168       | 1         | 148      | 119    | 178      | 6      |
| farms, 2002   |                   |          |           |           |          |        |          |        |
| 1997  | 46                | 107      | 149       | -         | 164      | 128    | 144      | 32     |
| \$1,000, 2002   | 42                | 1,343    | 559       | (D)       | 2,074    | 461    | 777      | 13     |
| 1997  | 115               | 728      | 498       | -         | 1,126    | 325    | 432      | 34     |
| Sales of forest products, excluding Christmas trees and maple products                          | 20                | 23       | 54        | 8         | 4        | 21     | 53       | 9      |
| farms, 2002   |                   |          |           |           |          |        |          |        |
| 1997  | 13                | 9        | 53        | 13        | 16       | 38     | 76       | 25     |
| \$1,000, 2002   | 203               | 101      | 353       | 111       | 7        | (D)    | 432      | 23     |
| 1997  | 62                | 10       | 309       | 50        | 27       | 256    | 778      | 26     |
| Recreational services (see text)  | -                 | 12       | 16        | -         | 10       | 9      | 13       | 4      |
| farms, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  | -                 | 19       | 52        | -         | 28       | (D)    | 20       | 2      |
| \$1,000, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  | -                 | (NA)     | (NA)      | -         | (NA)     | (NA)   | (NA)     | (NA)   |
| Patronage dividends and refunds from cooperatives (see text)                                    | 14                | 54       | 52        | 2         | 365      | 40     | 69       | 10     |
| farms, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  | 15                | 239      | 116       | (D)       | 1,123    | 85     | 142      | 22     |
| \$1,000, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  |                   | (NA)     | (NA)      | -         | (NA)     | (NA)   | (NA)     | (NA)   |
| Other farm-related income sources (see text)  | 51                | 100      | 64        | 20        | 229      | 110    | 100      | 25     |
| farms, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  | 395               | 1,116    | 492       | 268       | 1,536    | 3,398  | 643      | 93     |
| \$1,000, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  |                   | (NA)     | (NA)      | -         | (NA)     | (NA)   | (NA)     | (NA)   |
| Item  | Iron              | Isabella | Jackson   | Kalamazoo | Kalkaska | Kent   | Keweenaw | Lake   |
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> | 30                | 287      | 331       | 272       | 32       | 327    | 4        | 28     |
| farms, 2002   | 30                | 269      | 248       | 214       | 18       | 391    | 2        | 27     |
| 1997  | 255               | 2,565    | 2,256     | 3,504     | 157      | 3,125  | 24       | 148    |
| \$1,000, 2002   | 72                | 727      | 1,091     | 2,003     | 73       | 1,387  | (D)      | 336    |
| Average per farm  | 8,498             | 8,936    | 6,814     | 12,882    | 4,909    | 9,558  | 5,902    | 5,303  |
| dollars, 2002   |                   |          |           |           |          |        |          |        |
| 1997  | 2,407             | 2,702    | 4,397     | 9,360     | 4,056    | 3,548  | (D)      | 12,451 |
| Customwork and other agricultural services  | 2                 | 55       | 59        | 70        | 3        | 55     | -        | 4      |
| farms, 2002   |                   |          |           |           |          |        |          |        |
| 1997  | 11                | 86       | 64        | 75        | 4        | 99     | 2        | 9      |
| \$1,000, 2002   | (D)               | 423      | 375       | 1,722     | 2        | 461    | -        | (D)    |
| 1997  | 39                | 320      | 369       | 798       | 39       | 285    | (D)      | (D)    |
| Gross cash rent or share payments (see text)  | 4                 | 116      | 132       | 79        | 5        | 123    | -        | 3      |
| farms, 2002   |                   |          |           |           |          |        |          |        |
| 1997  | 2                 | 90       | 115       | 68        | 4        | 148    | -        | 5      |
| \$1,000, 2002   | 2                 | 638      | 342       | 327       | 16       | 491    | -        | 5      |
| 1997  | (D)               | 219      | 346       | 487       | (D)      | 502    | -        | 12     |
| Sales of forest products, excluding Christmas trees and maple products                          | 12                | 43       | 44        | 31        | 11       | 27     | 2        | 9      |
| farms, 2002   |                   |          |           |           |          |        |          |        |
| 1997  | 14                | 37       | 25        | 23        | 9        | 33     | -        | 15     |
| \$1,000, 2002   | 98                | 441      | 335       | 162       | 67       | 152    | (D)      | 82     |
| 1997  | 31                | 81       | 103       | 123       | 23       | 393    | -        | 319    |
| Recreational services (see text)  | 10                | 16       | 25        | 11        | -        | 9      | -        | 4      |
| farms, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  | (D)               | 21       | 41        | 17        | -        | 13     | -        | (D)    |
| \$1,000, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  |                   | (NA)     | (NA)      | -         | (NA)     | (NA)   | (NA)     | (NA)   |
| Patronage dividends and refunds from cooperatives (see text)                                    | 2                 | 38       | 33        | 77        | 5        | 64     | -        | 1      |
| farms, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  | (D)               | 82       | 93        | 416       | 7        | 368    | -        | (D)    |
| \$1,000, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  |                   | (NA)     | (NA)      | -         | (NA)     | (NA)   | (NA)     | (NA)   |
| Other farm-related income sources (see text)  | 11                | 87       | 107       | 90        | 12       | 131    | 2        | 13     |
| farms, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  | 75                | 960      | 1,069     | 859       | 65       | 1,640  | (D)      | 52     |
| \$1,000, 2002   |                   | (NA)     | (NA)      | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| 1997  |                   | (NA)     | (NA)      | -         | (NA)     | (NA)   | (NA)     | (NA)   |

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer    | Leelanau | Lenawee | Livingston | Luce    | Mackinac  | Macomb | Manistee |
|---|-----------|----------|---------|------------|---------|-----------|--------|----------|
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> |           |          |         |            |         |           |        |          |
| farms, 2002   | 283       | 123      | 365     | 226        | 9       | 16        | 121    | 68       |
| 1997  | 238       | 132      | 297     | 168        | 8       | 17        | 126    | 80       |
| \$1,000, 2002   | 1,614     | 2,024    | 4,622   | 2,132      | 42      | 361       | 1,859  | 410      |
| 1997  | 485       | 1,056    | 1,898   | 742        | 33      | 31        | 496    | 1,220    |
| Average per farm  | 5,702     | 16,453   | 12,664  | 9,432      | 4,712   | 22,575    | 15,367 | 6,032    |
| dollars, 2002   |           |          |         |            |         |           |        |          |
| 1997  | 2,039     | 7,997    | 6,392   | 4,417      | 4,079   | 1,851     | 3,938  | 15,256   |
| Customwork and other agricultural services  | 55        | 27       | 128     | 34         | 1       | 1         | 26     | 25       |
| farms, 2002   |           |          |         |            |         |           |        |          |
| 1997  | 71        | 29       | 116     | 38         | 2       | 2         | 55     | 29       |
| \$1,000, 2002   | 253       | 427      | 1,512   | 130        | (D)     | (D)       | 214    | 73       |
| 1997  | 130       | 540      | 527     | 155        | (D)     | (D)       | 194    | 79       |
| Gross cash rent or share payments (see text)  | 90        | 27       | 141     | 77         | 2       | -         | 39     | 3        |
| farms, 2002   |           |          |         |            |         |           |        |          |
| 1997  | 85        | 10       | 136     | 84         | 3       | 5         | 44     | 29       |
| \$1,000, 2002   | 243       | 28       | 988     | 137        | (D)     | -         | 37     | (D)      |
| 1997  | 126       | 3        | 1,081   | 324        | 5       | (D)       | 156    | 56       |
| Sales of forest products, excluding Christmas trees and maple products                          | 28        | 27       | 24      | 23         | 3       | 3         | 2      | 26       |
| farms, 2002   |           |          |         |            |         |           |        |          |
| 1997  | 23        | 33       | 16      | 31         | 4       | 5         | 8      | 34       |
| \$1,000, 2002   | 178       | 302      | 192     | 171        | 32      | (D)       | (D)    | 266      |
| 1997  | 90        | 185      | 132     | 145        | 20      | 8         | (D)    | 1,074    |
| Recreational services (see text)  | 5         | 6        | 7       | 7          | 1       | 4         | 1      | 1        |
| farms, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  | 45        | 72       | (D)     | 5          | (D)     | 308       | (D)    | (NA)     |
| \$1,000, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  |           |          |         |            |         |           |        |          |
| Patronage dividends and refunds from cooperatives (see text)                                    | 33        | 16       | 45      | 11         | -       | 6         | 6      | 8        |
| farms, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  | 54        | 67       | (D)     | 23         | -       | 22        | (D)    | 12       |
| \$1,000, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  |           |          |         |            |         |           |        |          |
| Other farm-related income sources (see text)  | 128       | 48       | 119     | 112        | 2       | 3         | 58     | 22       |
| farms, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  | 841       | 1,128    | 1,826   | 1,667      | (D)     | (D)       | 1,586  | 56       |
| \$1,000, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  |           |          |         |            |         |           |        |          |
| Item  | Marquette | Mason    | Mecosta | Menominee  | Midland | Missaukee | Monroe | Montcalm |
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> |           |          |         |            |         |           |        |          |
| farms, 2002   | 38        | 119      | 168     | 127        | 123     | 147       | 406    | 309      |
| 1997  | 19        | 111      | 138     | 125        | 117     | 72        | 480    | 289      |
| \$1,000, 2002   | 686       | 1,268    | 887     | 341        | 684     | 1,271     | 2,390  | 2,820    |
| 1997  | 70        | 757      | 733     | 335        | 400     | 476       | 1,760  | 1,459    |
| Average per farm  | 18,043    | 10,652   | 5,280   | 2,684      | 5,559   | 8,646     | 5,887  | 9,128    |
| dollars, 2002   |           |          |         |            |         |           |        |          |
| 1997  | 3,687     | 6,819    | 5,314   | 2,682      | 3,423   | 6,606     | 3,666  | 5,049    |
| Customwork and other agricultural services  | 3         | 20       | 23      | 19         | 29      | 37        | 73     | 50       |
| farms, 2002   |           |          |         |            |         |           |        |          |
| 1997  | 6         | 13       | 20      | 31         | 29      | 13        | 92     | 109      |
| \$1,000, 2002   | 5         | 354      | 161     | 59         | 86      | 609       | 407    | 236      |
| 1997  | 27        | 239      | 97      | 108        | 99      | 172       | 1,030  | 722      |
| Gross cash rent or share payments (see text)  | 9         | 26       | 62      | 23         | 51      | 37        | 119    | 132      |
| farms, 2002   |           |          |         |            |         |           |        |          |
| 1997  | 3         | 21       | 58      | 9          | 58      | 13        | 152    | 101      |
| \$1,000, 2002   | (D)       | (D)      | 456     | 19         | 404     | 106       | 747    | 1,401    |
| 1997  | (D)       | 28       |         | 30         | 285     | 18        | 406    | 455      |
| Sales of forest products, excluding Christmas trees and maple products                          | 9         | 17       | 27      | 24         | 6       | 27        | 6      | 29       |
| farms, 2002   |           |          |         |            |         |           |        |          |
| 1997  | 12        | 42       | 19      | 44         | 8       | 15        | 23     | 32       |
| \$1,000, 2002   | 154       | 183      | 187     | 74         | 28      | 169       | 56     | 119      |
| 1997  | 31        | 401      | 129     | 119        | 2       | 128       | 11     | 131      |
| Recreational services (see text)  | 8         | 6        | 18      | 16         | 1       | 6         | 7      | 18       |
| farms, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  | 336       | 24       | 18      | 18         | (D)     | 21        | 16     | 18       |
| \$1,000, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  |           |          |         |            |         |           |        |          |
| Patronage dividends and refunds from cooperatives (see text)                                    | 1         | 34       | 32      | 39         | 13      | 63        | 215    | 50       |
| farms, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  | 268       | 54       | 75      | (D)        | 193     | 70        | 254    |          |
| \$1,000, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   |          |
| 1997  |           |          |         |            |         |           |        |          |
| Other farm-related income sources (see text)  | 16        | 50       | 58      | 50         | 41      | 25        | 127    | 118      |
| farms, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  | 187       | 288      | 315     | 95         | 141     | 174       | 1,094  | 793      |
| \$1,000, 2002   |           | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)   | (NA)     |
| 1997  |           |          |         |            |         |           |        |          |

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency | Muskegon | Newaygo | Oakland      | Oceana    | Ogemaw  | Ontonagon | Osceola    |
|---|-------------|----------|---------|--------------|-----------|---------|-----------|------------|
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> |             |          |         |              |           |         |           |            |
| farms, 2002   | 26          | 134      | 264     | 143          | 218       | 77      | 34        | 107        |
| 1997  | 20          | 79       | 172     | 112          | 189       | 64      | 28        | 84         |
| \$1,000, 2002   | 257         | 938      | 1,984   | 3,518        | 2,412     | 450     | 33        | 433        |
| 1997  | 65          | 345      | 1,676   | 376          | 2,315     | 365     | 73        | 347        |
| Average per farm  | 9,871       | 6,998    | 7,515   | 24,599       | 11,066    | 5,844   | 966       | 4,043      |
| dollars, 2002   |             |          |         |              |           |         |           |            |
| 1997  | 3,228       | 4,366    | 9,743   | 3,360        | 12,250    | 5,699   | 2,595     | 4,135      |
| Customwork and other agricultural services  | 5           | 19       | 47      | 11           | 64        | 13      | 6         | 20         |
| farms, 2002   |             |          |         |              |           |         |           |            |
| 1997  | 14          | 24       | 38      | 19           | 42        | 35      | 2         | 40         |
| \$1,000, 2002   | 200         | 207      | 391     | 19           | 586       | 138     | (D)       | 57         |
| 1997  | 55          | 155      | 1,111   | 15           | 1,627     | 286     | (D)       | 250        |
| Gross cash rent or share payments (see text)  | 3           | 55       | 103     | 24           | 72        | 23      | 5         | 31         |
| farms, 2002   |             |          |         |              |           |         |           |            |
| 1997  | 3           | 12       | 64      | 58           | 68        | 12      | 2         | 24         |
| \$1,000, 2002   | (D)         | 188      | 324     | 83           | 135       | (D)     | (D)       | 41         |
| 1997  | (D)         | 96       | 133     | 218          | 217       | (D)     | (D)       | 15         |
| Sales of forest products, excluding Christmas trees and maple products                          | 8           | 13       | 28      | 9            | 30        | 11      | 7         | 17         |
| farms, 2002   |             |          |         |              |           |         |           |            |
| 1997  | -           | 14       | 38      | 9            | 46        | 10      | 9         | 14         |
| \$1,000, 2002   | 23          | 54       | 266     | 42           | 268       | 56      | 10        | 123        |
| 1997  | -           | 32       | 288     | 4            | 351       | (D)     | 69        | 36         |
| Recreational services (see text)  | 3           | 8        | 7       | 5            | 6         | 3       | 1         | 12         |
| farms, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  | 13          | 53       | 55      | (D)          | 4         | (D)     | (D)       | 78         |
| \$1,000, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Patronage dividends and refunds from cooperatives (see text)                                    | 4           | 31       | 95      | 4            | 85        | 20      | 18        | 24         |
| farms, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  | 9           | 59       | 131     | (D)          | 546       | 83      | 3         | 68         |
| \$1,000, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Other farm-related income sources (see text)  | 9           | 45       | 58      | 101          | 79        | 28      | 13        | 25         |
| farms, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  | (D)         | 377      | 817     | 3,328        | 874       | 149     | 11        | 65         |
| \$1,000, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Item  | Oscoda      | Otsego   | Ottawa  | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> | 27          | 33       | 451     | 68           | 7         | 405     | 209       | 304        |
| farms, 2002   |             |          |         |              |           |         |           |            |
| 1997  | 35          | 31       | 541     | 104          | 4         | 296     | 131       | 294        |
| \$1,000, 2002   | 180         | 138      | 3,833   | 240          | 7         | 3,996   | 809       | 6,632      |
| 1997  | 226         | 119      | 2,223   | 453          | 19        | 2,011   | 369       | 3,762      |
| Average per farm  | 6,675       | 4,184    | 8,499   | 3,530        | 1,047     | 9,866   | 3,872     | 21,817     |
| dollars, 2002   |             |          |         |              |           |         |           |            |
| 1997  | 6,461       | 3,835    | 4,108   | 4,359        | 4,650     | 6,793   | 2,815     | 12,797     |
| Customwork and other agricultural services  | 5           | 5        | 100     | 9            | -         | 95      | 38        | 104        |
| farms, 2002   |             |          |         |              |           |         |           |            |
| 1997  | 8           | 11       | 127     | 23           | 3         | 118     | 65        | 113        |
| \$1,000, 2002   | 27          | 8        | 1,435   | 31           | -         | 1,556   | 197       | 2,352      |
| 1997  | 101         | 18       | 870     | 77           | (D)       | 461     | 214       | 1,361      |
| Gross cash rent or share payments (see text)  | 5           | 8        | 191     | 25           | -         | 148     | 85        | 161        |
| farms, 2002   |             |          |         |              |           |         |           |            |
| 1997  | 8           | 6        | 210     | 57           | -         | 138     | 47        | 138        |
| \$1,000, 2002   | (D)         | 18       | 926     | 47           | -         | 673     | 184       | 3,003      |
| 1997  | 12          | 20       | (D)     | 129          | -         | 1,040   | 83        | 1,851      |
| Sales of forest products, excluding Christmas trees and maple products                          | 9           | 10       | 25      | 15           | 2         | 17      | 9         | 37         |
| farms, 2002   |             |          |         |              |           |         |           |            |
| 1997  | 18          | 16       | 11      | 32           | 2         | 54      | 8         | 36         |
| \$1,000, 2002   | 70          | 102      | 367     | 99           | (D)       | 199     | 43        | 283        |
| 1997  | 107         | 54       | (D)     | 206          | (D)       | 326     | (Z)       | 315        |
| Recreational services (see text)  | 6           | -        | 15      | 3            | 1         | 6       | 5         | 12         |
| farms, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  | (D)         | -        | 12      | 2            | (D)       | (D)     | 4         | 15         |
| \$1,000, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Patronage dividends and refunds from cooperatives (see text)                                    | 8           | 6        | 137     | 9            | 1         | 35      | 15        | 24         |
| farms, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  | 8           | 4        | 366     | 26           | (D)       | (D)     | 16        | 20         |
| \$1,000, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Other farm-related income sources (see text)  | 4           | 11       | 105     | 22           | 4         | 203     | 94        | 81         |
| farms, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  | (D)         | 6        | 727     | 35           | 3         | 1,482   | 365       | 960        |
| \$1,000, 2002   |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| 1997  |             | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne  | Wexford |
|---|---------|-------------|------------|---------|-----------|-----------|--------|---------|
| Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> |         |             |            |         |           |           |        |         |
| farms, 2002   | 534     | 14          | 322        | 409     | 336       | 344       | 51     | 75      |
| 1997  | 357     | 7           | 197        | 352     | 280       | 172       | 12     | 51      |
| \$1,000, 2002   | 2,956   | 44          | 1,693      | 4,082   | 2,323     | 3,704     | 702    | 897     |
| 1997  | 1,096   | (D)         | 1,045      | 2,180   | 2,266     | 555       | 133    | 333     |
| Average per farm  | 5,535   | 3,118       | 5,257      | 9,980   | 6,914     | 10,769    | 13,755 | 11,954  |
| dollars, 2002   |         |             |            |         |           |           |        |         |
| 1997  | 3,070   | (D)         | 5,304      | 6,194   | 8,093     | 3,224     | 11,095 | 6,537   |
| Customwork and other agricultural services  | 96      | 3           | 60         | 96      | 67        | 64        | 6      | 17      |
| farms, 2002   |         |             |            |         |           |           |        |         |
| 1997  | 76      | 2           | 66         | 98      | 89        | 40        | 1      | 11      |
| \$1,000, 2002   | 676     | (D)         | 323        | 880     | 771       | 318       | 90     | 86      |
| 1997  | 334     | (D)         | 289        | 773     | 1,007     | 95        | (D)    | 43      |
| Gross cash rent or share payments (see text)  | 177     | -           | 140        | 146     | 146       | 116       | 9      | 14      |
| farms, 2002   |         |             |            |         |           |           |        |         |
| 1997  | 133     | -           | 102        | 133     | 135       | 98        | 3      | 18      |
| \$1,000, 2002   | 729     | -           | 431        | 1,252   | 581       | 488       | (D)    | 29      |
| 1997  | 472     | -           | 369        | 932     | 639       | 307       | 86     | 39      |
| Sales of forest products, excluding Christmas trees and maple products                          | 15      | 1           | 21         | 30      | 40        | 25        | 2      | 26      |
| farms, 2002   |         |             |            |         |           |           |        |         |
| 1997  | 5       | 3           | 17         | 16      | 19        | 17        | -      | 21      |
| \$1,000, 2002   | 83      | (D)         | 133        | (D)     | 235       | 85        | (D)    | 287     |
| 1997  | 10      | (D)         | 203        | 55      | 222       | 85        | -      | 205     |
| Recreational services (see text)  | 18      | 4           | 11         | 8       | 10        | 6         | -      | 2       |
| farms, 2002   |         |             |            |         |           |           |        |         |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| \$1,000, 2002   | 108     | 24          | 15         | (D)     | 2         | 115       | -      | (D)     |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Patronage dividends and refunds from cooperatives (see text)                                    | 214     | 1           | 22         | 141     | 72        | 33        | 2      | 6       |
| farms, 2002   |         |             |            |         |           |           |        |         |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| \$1,000, 2002   | 307     | (D)         | 47         | 284     | 245       | 54        | (D)    | (D)     |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Other farm-related income sources (see text)  | 172     | 6           | 132        | 150     | 112       | 154       | 35     | 27      |
| farms, 2002   |         |             |            |         |           |           |        |         |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| \$1,000, 2002   | 1,053   | 12          | 744        | 1,424   | 489       | 2,646     | 584    | 478     |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |

<sup>1</sup> Data for 1997 are based on a sample of farms.

**Table 7. Hired Farm Labor - Workers and Payroll: 2002**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan | Alcona | Alger | Allegan | Alpena | Antrim | Arenac |
|---|----------|--------|-------|---------|--------|--------|--------|
| Hired farm labor .....  |          |        |       |         |        |        |        |
| farms   | 12,279   | 36     | 14    | 433     | 70     | 101    | 50     |
| workers   | 86,855   | 120    | 47    | 3,958   | 221    | 729    | 318    |
| \$1,000 payroll   | 469,731  | 251    | 204   | 36,867  | 621    | 4,255  | 1,605  |
| Farms with-<br>1 worker .....   |          |        |       |         |        |        |        |
| farms   | 3,773    | 13     | 4     | 113     | 30     | 50     | 7      |
| workers   | 3,773    | 13     | 4     | 113     | 30     | 50     | 7      |
| 2 workers .....   |          |        |       |         |        |        |        |
| farms   | 2,178    | 6      | 4     | 68      | 15     | -      | 9      |
| workers   | 4,356    | 12     | 8     | 136     | 30     | -      | 18     |
| 3 or 4 workers .....  |          |        |       |         |        |        |        |
| farms   | 2,393    | 10     | 3     | 91      | 7      | 32     | 15     |
| workers   | 8,088    | 37     | 10    | 324     | 26     | 104    | 48     |
| 5 to 9 workers .....  |          |        |       |         |        |        |        |
| farms   | 2,109    | 4      | 2     | 90      | 11     | 7      | 5      |
| workers   | 13,379   | 23     | (D)   | 525     | 59     | 55     | 35     |
| 10 workers or more .....  |          |        |       |         |        |        |        |
| farms   | 1,826    | 3      | 1     | 71      | 7      | 12     | 14     |
| workers   | 57,259   | 35     | (D)   | 2,860   | 76     | 520    | 210    |
| Workers by days worked:   |          |        |       |         |        |        |        |
| 150 days or more .....  |          |        |       |         |        |        |        |
| farms   | 4,414    | 7      | 2     | 171     | 19     | 51     | 35     |
| workers   | 23,034   | 15     | (D)   | 1,717   | 41     | 150    | 94     |
| Farms with-<br>1 worker .....   |          |        |       |         |        |        |        |
| farms   | 1,599    | 3      | 1     | 41      | 5      | 29     | 11     |
| workers   | 1,599    | 3      | (D)   | 41      | (D)    | 29     | (D)    |
| 2 workers .....   |          |        |       |         |        |        |        |
| farms   | 755      | 2      | -     | 27      | 10     | 7      | 8      |
| workers   | 1,510    | (D)    | -     | 54      | 20     | 14     | 16     |
| 3 or 4 workers .....  |          |        |       |         |        |        |        |
| farms   | 906      | 1      | -     | 34      | 3      | 6      | 10     |
| workers   | 3,155    | (D)    | -     | 115     | 9      | 21     | 30     |
| 5 to 9 workers .....  |          |        |       |         |        |        |        |
| farms   | 669      | 1      | 1     | 38      | 1      | 4      | 5      |
| workers   | 4,064    | (D)    | (D)   | 228     | (D)    | 30     | 27     |
| 10 workers or more .....  |          |        |       |         |        |        |        |
| farms   | 485      | -      | -     | 31      | -      | 5      | 1      |
| workers   | 12,706   | -      | -     | 1,279   | -      | 56     | (D)    |
| Less than 150 days .....  |          |        |       |         |        |        |        |
| farms   | 10,635   | 35     | 13    | 377     | 64     | 93     | 40     |
| workers   | 63,821   | 105    | (D)   | 2,241   | 180    | 579    | 224    |
| Farms with-<br>1 worker .....   |          |        |       |         |        |        |        |
| farms   | 3,619    | 13     | 3     | 114     | 30     | 44     | 22     |
| workers   | 3,619    | (D)    | 3     | 114     | 30     | 44     | 22     |
| 2 workers .....   |          |        |       |         |        |        |        |
| farms   | 1,934    | 7      | 5     | 80      | 13     | 26     | 2      |
| workers   | 3,868    | 14     | 10    | 160     | 26     | 52     | (D)    |
| 3 or 4 workers .....  |          |        |       |         |        |        |        |
| farms   | 2,198    | 10     | 3     | 89      | 11     | 6      | 2      |
| workers   | 7,408    | 33     | 10    | 318     | 38     | 21     | (D)    |
| 5 to 9 workers .....  |          |        |       |         |        |        |        |
| farms   | 1,571    | 2      | 1     | 48      | 4      | 7      | 1      |
| workers   | 9,869    | (D)    | (D)   | 301     | 20     | 48     | (D)    |
| 10 workers or more .....  |          |        |       |         |        |        |        |
| farms   | 1,313    | 3      | 1     | 46      | 6      | 10     | 13     |
| workers   | 39,057   | 35     | (D)   | 1,348   | 66     | 414    | 183    |
| Reported only workers working   |          |        |       |         |        |        |        |
| 150 days or more .....  |          |        |       |         |        |        |        |
| farms   | 1,644    | 1      | 1     | 56      | 6      | 8      | 10     |
| workers   | 6,102    | (D)    | (D)   | 298     | 13     | 17     | 38     |
| \$1,000 payroll   | 78,852   | (D)    | (D)   | 4,110   | 153    | 678    | 386    |
| Reported only workers working   |          |        |       |         |        |        |        |
| less than 150 days .....  |          |        |       |         |        |        |        |
| farms   | 7,865    | 29     | 12    | 262     | 51     | 50     | 15     |
| workers   | 27,991   | 89     | 38    | 717     | 136    | 65     | 76     |
| \$1,000 payroll   | 35,785   | (D)    | (D)   | 739     | 88     | 31     | 171    |
| Reported both - workers working 150<br>days or more and workers<br>working less than 150 days ..... |          |        |       |         |        |        |        |
| farms   | 2,770    | 6      | 1     | 115     | 13     | 43     | 25     |
| 150 days or more, workers   | 16,932   | (D)    | (D)   | 1,419   | 28     | 133    | 56     |
| less than 150 days, workers   | 35,830   | 16     | (D)   | 1,524   | 44     | 514    | 148    |
| \$1,000 payroll   | 355,094  | 125    | (D)   | 32,018  | 380    | 3,547  | 1,048  |
| Migrant farm labor on farms with hired<br>labor (see text) .....                                    | farms    | 1,412  | 2     | -       | 62     | -      | 23     |
| Migrant farm labor on farms reporting only<br>contract labor (see text) .....                       | farms    | 143    | 2     | -       | -      | -      | -      |

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item                                       | Baraga | Barry | Bay   | Benzie | Berrien | Branch | Calhoun |
|--|--------|-------|-------|--------|---------|--------|---------|
| Hired farm labor .....                     |        |       |       |        |         |        |         |
| farms                                      | 9      | 223   | 164   | 53     | 384     | 233    | 269     |
| workers                                    | 39     | 610   | 1,282 | 359    | 4,696   | 1,047  | 926     |
| \$1,000 payroll                            | 75     | 4,872 | 4,962 | 669    | 17,977  | 4,998  | 6,258   |
| Farms with-1 worker .....                  |        |       |       |        |         |        |         |
| farms                                      | 1      | 117   | 26    | 23     | 114     | 66     | 105     |
| workers                                    | (D)    | 117   | 26    | 23     | 114     | 66     | 105     |
| 2 workers .....                            |        |       |       |        |         |        |         |
| farms                                      | 4      | 33    | 11    | -      | 62      | 57     | 40      |
| workers                                    | 8      | 66    | 22    | -      | 124     | 114    | 80      |
| 3 or 4 workers .....                       |        |       |       |        |         |        |         |
| farms                                      | 2      | 53    | 25    | 7      | 53      | 37     | 85      |
| workers                                    | (D)    | 174   | 83    | 21     | 173     | 129    | 290     |
| 5 to 9 workers .....                       |        |       |       |        |         |        |         |
| farms                                      | 1      | 10    | 67    | 7      | 42      | 49     | 30      |
| workers                                    | (D)    | 66    | 368   | 44     | 292     | 294    | 160     |
| 10 workers or more .....                   |        |       |       |        |         |        |         |
| farms                                      | 1      | 10    | 35    | 16     | 113     | 24     | 9       |
| workers                                    | (D)    | 187   | 783   | 271    | 3,993   | 444    | 291     |
| Workers by days worked:                    |        |       |       |        |         |        |         |
| 150 days or more .....                     |        |       |       |        |         |        |         |
| farms                                      | 1      | 48    | 59    | 16     | 135     | 84     | 97      |
| workers                                    | (D)    | 210   | 167   | 35     | 1,019   | 335    | 334     |
| Farms with-1 worker .....                  |        |       |       |        |         |        |         |
| farms                                      | -      | 18    | 25    | 7      | 48      | 32     | 52      |
| workers                                    | -      | 18    | 25    | 7      | 48      | 32     | 52      |
| 2 workers .....                            |        |       |       |        |         |        |         |
| farms                                      | -      | 3     | 19    | 2      | 21      | 9      | 12      |
| workers                                    | -      | 6     | 38    | (D)    | 42      | 18     | 24      |
| 3 or 4 workers .....                       |        |       |       |        |         |        |         |
| farms                                      | 1      | 14    | 5     | 6      | 35      | 12     | 8       |
| workers                                    | (D)    | 52    | (D)   | 19     | 119     | 40     | 28      |
| 5 to 9 workers .....                       |        |       |       |        |         |        |         |
| farms                                      | -      | 7     | 9     | 1      | 10      | 19     | 19      |
| workers                                    | -      | 39    | 54    | (D)    | 67      | 116    | 99      |
| 10 workers or more .....                   |        |       |       |        |         |        |         |
| farms                                      | -      | 6     | 1     | -      | 21      | 12     | 6       |
| workers                                    | -      | 95    | (D)   | -      | 743     | 129    | 131     |
| Less than 150 days .....                   |        |       |       |        |         |        |         |
| farms                                      | 9      | 199   | 145   | 47     | 369     | 202    | 200     |
| workers                                    | (D)    | 400   | 1,115 | 324    | 3,677   | 712    | 592     |
| Farms with-1 worker .....                  |        |       |       |        |         |        |         |
| farms                                      | 1      | 114   | 21    | 22     | 129     | 74     | 70      |
| workers                                    | (D)    | 114   | 21    | 22     | 129     | 74     | 70      |
| 2 workers .....                            |        |       |       |        |         |        |         |
| farms                                      | 4      | 35    | 7     | 4      | 54      | 59     | 45      |
| workers                                    | 8      | 70    | 14    | 8      | 108     | 118    | 90      |
| 3 or 4 workers .....                       |        |       |       |        |         |        |         |
| farms                                      | 2      | 42    | 28    | -      | 51      | 28     | 69      |
| workers                                    | (D)    | 136   | 92    | -      | 173     | 96     | 240     |
| 5 to 9 workers .....                       |        |       |       |        |         |        |         |
| farms                                      | 1      | 6     | 58    | 6      | 40      | 29     | 12      |
| workers                                    | (D)    | (D)   | 314   | 42     | 290     | 161    | 62      |
| 10 workers or more .....                   |        |       |       |        |         |        |         |
| farms                                      | 1      | 2     | 31    | 15     | 95      | 12     | 4       |
| workers                                    | (D)    | (D)   | 674   | 252    | 2,977   | 263    | 130     |
| Reported only workers working              |        |       |       |        |         |        |         |
| 150 days or more .....                     |        |       |       |        |         |        |         |
| farms                                      | -      | 24    | 19    | 6      | 15      | 31     | 69      |
| workers                                    | -      | 91    | 65    | 14     | 141     | 142    | 169     |
| \$1,000 payroll                            | -      | 1,628 | 765   | 30     | 1,336   | 980    | 1,461   |
| Reported only workers working              |        |       |       |        |         |        |         |
| less than 150 days .....                   |        |       |       |        |         |        |         |
| farms                                      | 8      | 175   | 105   | 37     | 249     | 149    | 172     |
| workers                                    | (D)    | 289   | 825   | 232    | 1,180   | 466    | 405     |
| \$1,000 payroll                            | (D)    | 93    | 1,778 | 174    | 2,036   | 455    | 287     |
| Reported both - workers working 150        |        |       |       |        |         |        |         |
| days or more and workers                   |        |       |       |        |         |        |         |
| working less than 150 days .....           |        |       |       |        |         |        |         |
| farms                                      | 1      | 24    | 40    | 10     | 120     | 53     | 28      |
| 150 days or more, workers                  | (D)    | 119   | 102   | 21     | 878     | 193    | 165     |
| less than 150 days, workers                | (D)    | 111   | 290   | 92     | 2,497   | 246    | 187     |
| \$1,000 payroll                            | (D)    | 3,152 | 2,419 | 465    | 14,605  | 3,563  | 4,510   |
| Migrant farm labor on farms with hired     |        |       |       |        |         |        |         |
| labor (see text) .....                     |        |       |       |        |         |        |         |
| farms                                      | -      | -     | 26    | 15     | 156     | 28     | 1       |
| Migrant farm labor on farms reporting only |        |       |       |        |         |        |         |
| contract labor (see text) .....            |        |       |       |        |         |        |         |
| farms                                      | -      | -     | -     | -      | 8       | -      | -       |

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass  | Charlevoix | Cheboygan | Chippewa | Clare | Clinton | Crawford |
|---|-------|------------|-----------|----------|-------|---------|----------|
| Hired farm labor .....  |       |            |           |          |       |         |          |
| farms   | 234   | 30         | 50        | 92       | 50    | 243     | 2        |
| workers   | 1,894 | 101        | 308       | 304      | 173   | 1,371   | (D)      |
| \$1,000 payroll   | 6,869 | 348        | 820       | 408      | 849   | 7,909   | (D)      |
| Farms with- 1 worker .....  |       |            |           |          |       |         |          |
| farms   | 58    | 7          | 16        | 16       | 7     | 117     | 1        |
| workers   | 58    | 7          | (D)       | 16       | (D)   | 117     | (D)      |
| 2 workers .....   |       |            |           |          |       |         |          |
| farms   | 50    | 7          | 1         | 15       | 8     | 29      | -        |
| workers   | 100   | 14         | (D)       | 30       | 16    | 58      | -        |
| 3 or 4 workers .....  |       |            |           |          |       |         |          |
| farms   | 37    | 9          | 9         | 45       | 27    | 28      | 1        |
| workers   | 120   | 36         | 30        | 145      | 81    | 108     | (D)      |
| 5 to 9 workers .....  |       |            |           |          |       |         |          |
| farms   | 40    | 7          | 12        | 13       | 7     | 29      | -        |
| workers   | 241   | 44         | 61        | 83       | 48    | 218     | -        |
| 10 workers or more .....  |       |            |           |          |       |         |          |
| farms   | 49    | -          | 12        | 3        | 1     | 40      | -        |
| workers   | 1,375 | -          | 199       | 30       | (D)   | 870     | -        |
| Workers by days worked:   |       |            |           |          |       |         |          |
| 150 days or more .....  |       |            |           |          |       |         |          |
| farms   | 72    | 16         | 12        | 11       | 12    | 97      | -        |
| workers   | 591   | 28         | 57        | 20       | 46    | 417     | -        |
| Farms with- 1 worker .....  |       |            |           |          |       |         |          |
| farms   | 13    | 8          | 2         | 8        | 1     | 35      | -        |
| workers   | 13    | (D)        | (D)       | 8        | (D)   | 35      | -        |
| 2 workers .....   |       |            |           |          |       |         |          |
| farms   | 9     | 6          | 3         | -        | 3     | 5       | -        |
| workers   | 18    | 12         | 6         | -        | (D)   | 10      | -        |
| 3 or 4 workers .....  |       |            |           |          |       |         |          |
| farms   | 33    | 2          | 3         | 2        | 7     | 29      | -        |
| workers   | 121   | (D)        | 10        | (D)      | 21    | 104     | -        |
| 5 to 9 workers .....  |       |            |           |          |       |         |          |
| farms   | 11    | -          | 1         | 1        | -     | 18      | -        |
| workers   | 67    | -          | (D)       | (D)      | -     | 106     | -        |
| 10 workers or more .....  |       |            |           |          |       |         |          |
| farms   | 6     | -          | 3         | -        | 1     | 10      | -        |
| workers   | 372   | -          | 33        | -        | (D)   | 162     | -        |
| Less than 150 days .....  |       |            |           |          |       |         |          |
| farms   | 216   | 22         | 45        | 87       | 43    | 215     | 2        |
| workers   | 1,303 | 73         | 251       | 284      | 127   | 954     | (D)      |
| Farms with- 1 worker .....  |       |            |           |          |       |         |          |
| farms   | 74    | 5          | 16        | 14       | 9     | 104     | 1        |
| workers   | 74    | 5          | 16        | 14       | 9     | 104     | (D)      |
| 2 workers .....   |       |            |           |          |       |         |          |
| farms   | 52    | 4          | 3         | 13       | 9     | 27      | -        |
| workers   | 104   | 8          | 6         | 26       | 18    | 54      | -        |
| 3 or 4 workers .....  |       |            |           |          |       |         |          |
| farms   | 35    | 9          | 4         | 46       | 19    | 32      | 1        |
| workers   | 115   | 36         | 13        | 149      | 58    | 122     | (D)      |
| 5 to 9 workers .....  |       |            |           |          |       |         |          |
| farms   | 10    | 4          | 13        | 11       | 6     | 23      | -        |
| workers   | 77    | 24         | 74        | 65       | 42    | 142     | -        |
| 10 workers or more .....  |       |            |           |          |       |         |          |
| farms   | 45    | -          | 9         | 3        | -     | 29      | -        |
| workers   | 933   | -          | 142       | 30       | -     | 532     | -        |
| Reported only workers working   |       |            |           |          |       |         |          |
| 150 days or more .....  |       |            |           |          |       |         |          |
| farms   | 18    | 8          | 5         | 5        | 7     | 28      | -        |
| workers   | 52    | 16         | 18        | 5        | 21    | 75      | -        |
| \$1,000 payroll   | 1,207 | 127        | 288       | 37       | 222   | 1,452   | -        |
| Reported only workers working   |       |            |           |          |       |         |          |
| less than 150 days .....  |       |            |           |          |       |         |          |
| farms   | 162   | 14         | 38        | 81       | 38    | 146     | 2        |
| workers   | 660   | 45         | 217       | 270      | 116   | 257     | (D)      |
| \$1,000 payroll   | 628   | 47         | 122       | 197      | 66    | 232     | (D)      |
| Reported both - workers working 150 days or more and workers working less than 150 days ..... |       |            |           |          |       |         |          |
| farms   | 54    | 8          | 7         | 6        | 5     | 69      | -        |
| workers   | 539   | 12         | 39        | 15       | 25    | 342     | -        |
| less than 150 days, workers   | 643   | 28         | 34        | 14       | 11    | 697     | -        |
| \$1,000 payroll   | 5,034 | 174        | 410       | 173      | 561   | 6,225   | -        |
| Migrant farm labor on farms with hired labor (see text) .....                                 | farms | 9          | 2         | -        | -     | 17      | -        |
| Migrant farm labor on farms reporting only contract labor (see text) .....                    | farms | -          | -         | -        | 3     | -       | -        |

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Delta | Dickinson | Eaton | Emmet | Genesee | Gladwin | Gogebic |
|---|-------|-----------|-------|-------|---------|---------|---------|
| Hired farm labor .....  |       |           |       |       |         |         |         |
| farms   | 71    | 31        | 243   | 49    | 192     | 69      | 16      |
| workers   | 300   | 114       | 1,072 | 231   | 1,690   | 245     | 36      |
| \$1,000 payroll   | 741   | 332       | 2,879 | 680   | 4,850   | 345     | 86      |
| Farms with- 1 worker .....  |       |           |       |       |         |         |         |
| farms   | 27    | 10        | 128   | 13    | 58      | 22      | 4       |
| workers   | (D)   | 10        | 128   | 13    | 58      | 22      | (D)     |
| 2 workers .....   | 2     | 5         | 34    | 11    | 48      | 2       | 6       |
| farms   | (D)   | (D)       | 68    | 22    | 96      | (D)     | 12      |
| 3 or 4 workers .....  | farms | 21        | 5     | 31    | 15      | 32      | 5       |
| workers   | 78    | 17        | 98    | 51    | 46      | 118     | 15      |
| 5 to 9 workers .....  | farms | 10        | 9     | 28    | 4       | 41      | 11      |
| workers   | 75    | 51        | 158   | 33    | 287     | 81      | 1       |
| 10 workers or more .....  | farms | 11        | 2     | 22    | 6       | 30      | 2       |
| workers   | 116   | (D)       | 620   | 112   | 1,203   | (D)     | -       |
| Workers by days worked:   |       |           |       |       |         |         |         |
| 150 days or more .....  | farms | 15        | 6     | 54    | 12      | 8       | 5       |
| workers   | 53    | 18        | 156   | 85    | 362     | 9       | 11      |
| Farms with- 1 worker .....  |       |           |       |       |         |         |         |
| farms   | 2     | 3         | 28    | 2     | 54      | 7       | 2       |
| workers   | (D)   | (D)       | 28    | (D)   | 54      | (D)     | (D)     |
| 2 workers .....   | 2     | -         | 7     | -     | 29      | 1       | -       |
| farms   | (D)   | -         | 14    | -     | 58      | (D)     | -       |
| 3 or 4 workers .....  | farms | 7         | 1     | 8     | 2       | 5       | -       |
| workers   | 22    | (D)       | 28    | (D)   | 18      | -       | (D)     |
| 5 to 9 workers .....  | farms | 4         | 2     | 11    | 5       | 27      | -       |
| workers   | 25    | (D)       | 86    | (D)   | 165     | -       | -       |
| 10 workers or more .....  | farms | -         | -     | -     | 3       | 5       | -       |
| workers   | -     | -         | -     | 41    | 67      | -       | -       |
| Less than 150 days .....  | farms | 68        | 27    | 222   | 44      | 142     | 68      |
| workers   | 247   | 96        | 916   | 146   | 1,328   | 236     | 11      |
| Farms with- 1 worker .....  |       |           |       |       |         |         |         |
| farms   | 28    | 9         | 118   | 13    | 33      | 22      | 2       |
| workers   | 28    | (D)       | 118   | 13    | 33      | 22      | (D)     |
| 2 workers .....   | 5     | 5         | 41    | 14    | 45      | 4       | 6       |
| farms   | 10    | 10        | 82    | 28    | 90      | (D)     | 12      |
| 3 or 4 workers .....  | farms | 19        | 5     | 18    | 13      | 28      | 2       |
| workers   | 70    | 17        | 58    | 45    | 95      | 105     | (D)     |
| 5 to 9 workers .....  | farms | 12        | 6     | 26    | -       | 21      | 1       |
| workers   | 99    | 34        | 146   | -     | 180     | 81      | (D)     |
| 10 workers or more .....  | farms | 4         | 2     | 19    | 4       | 15      | 2       |
| workers   | 40    | (D)       | 512   | 60    | 930     | (D)     | -       |
| Reported only workers working 150 days or more .....  | farms | 3         | 4     | 21    | 5       | 50      | 1       |
| workers   | 12    | 14        | 35    | 23    | 82      | (D)     | 5       |
| \$1,000 payroll   | 168   | 157       | 403   | 131   | 210     | (D)     | 11      |
|   |       |           |       |       |         |         | 72      |
| Reported only workers working less than 150 days .....  | farms | 56        | 25    | 189   | 37      | 72      | 61      |
| workers   | 189   | 93        | 466   | 102   | 246     | 218     | 11      |
| \$1,000 payroll   | 170   | (D)       | 364   | 157   | 344     | 217     | 25      |
|   |       |           |       |       |         |         | 15      |
| Reported both - workers working 150 days or more and workers working less than 150 days ..... | farms | 12        | 2     | 33    | 7       | 70      | 7       |
| 150 days or more, workers   | 41    | (D)       | 121   | 62    | 280     | (D)     | -       |
| less than 150 days, workers   | 58    | (D)       | 450   | 44    | 1,082   | 18      | -       |
| \$1,000 payroll   | 404   | (D)       | 2,112 | 392   | 4,297   | (D)     | -       |
| Migrant farm labor on farms with hired labor (see text) .....                                 | farms | -         | 3     | 3     | 5       | 4       | 7       |
| Migrant farm labor on farms reporting only contract labor (see text) .....                    | farms | -         | -     | -     | -       | -       | 7       |

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand Traverse | Gratiot | Hillsdale | Houghton | Huron  | Ingham | Ionia  | Iosco |
|---|----------------|---------|-----------|----------|--------|--------|--------|-------|
| Hired farm labor .....  |                |         |           |          |        |        |        |       |
| farms   | 139            | 199     | 377       | 23       | 423    | 261    | 148    | 38    |
| workers   | 755            | 927     | 1,061     | 148      | 1,917  | 1,037  | 956    | 144   |
| \$1,000 payroll   | 2,953          | 5,818   | 8,587     | 528      | 13,195 | 7,387  | 10,500 | 603   |
| Farms with-<br>1 worker .....   |                |         |           |          |        |        |        |       |
| farms   | 53             | 63      | 190       | 6        | 119    | 116    | 24     | 14    |
| workers   | 53             | 63      | 190       | 6        | 119    | 116    | 24     | 14    |
| 2 workers .....   |                |         |           |          |        |        |        |       |
| farms   | 22             | 27      | 77        | 1        | 92     | 40     | 44     | 6     |
| workers   | 44             | 54      | 154       | (D)      | 184    | 80     | 88     | (D)   |
| 3 or 4 workers .....  |                |         |           |          |        |        |        |       |
| farms   | 6              | 54      | 73        | 8        | 84     | 35     | 34     | 12    |
| workers   | 24             | 184     | 239       | 26       | 274    | 111    | 112    | 37    |
| 5 to 9 workers .....  |                |         |           |          |        |        |        |       |
| farms   | 10             | 22      | 27        | 6        | 82     | 57     | 26     | 5     |
| workers   | 66             | 147     | 180       | 30       | 571    | 345    | 174    | 35    |
| 10 workers or more .....  |                |         |           |          |        |        |        |       |
| farms   | 48             | 33      | 10        | 2        | 46     | 13     | 20     | 1     |
| workers   | 568            | 479     | 298       | (D)      | 769    | 385    | 558    | (D)   |
| Workers by days worked:   |                |         |           |          |        |        |        |       |
| 150 days or more .....  |                |         |           |          |        |        |        |       |
| farms   | 68             | 88      | 65        | 7        | 194    | 103    | 66     | 19    |
| workers   | 392            | 270     | 322       | 35       | 591    | 373    | 335    | 49    |
| Farms with-<br>1 worker .....   |                |         |           |          |        |        |        |       |
| farms   | 29             | 29      | 18        | 1        | 89     | 47     | 14     | 9     |
| workers   | 29             | 29      | 18        | (D)      | 89     | 47     | 14     | 9     |
| 2 workers .....   |                |         |           |          |        |        |        |       |
| farms   | -              | 34      | 24        | 2        | 27     | 11     | 10     | 7     |
| workers   | -              | 68      | 48        | (D)      | 54     | 22     | 20     | 14    |
| 3 or 4 workers .....  |                |         |           |          |        |        |        |       |
| farms   | 4              | 9       | 10        | -        | 37     | 27     | 19     | 1     |
| workers   | (D)            | 31      | 35        | -        | 121    | 88     | 60     | (D)   |
| 5 to 9 workers .....  |                |         |           |          |        |        |        |       |
| farms   | 1              | 11      | 7         | 2        | 34     | 12     | 16     | 1     |
| workers   | (D)            | 76      | 47        | (D)      | 206    | 70     | 111    | (D)   |
| 10 workers or more .....  |                |         |           |          |        |        |        |       |
| farms   | 34             | 5       | 6         | 2        | 7      | 6      | 7      | 1     |
| workers   | 341            | 66      | 174       | (D)      | 121    | 146    | 130    | (D)   |
| Less than 150 days .....  |                |         |           |          |        |        |        |       |
| farms   | 84             | 160     | 342       | 21       | 332    | 221    | 122    | 29    |
| workers   | 363            | 657     | 739       | 113      | 1,326  | 664    | 621    | 95    |
| Farms with-<br>1 worker .....   |                |         |           |          |        |        |        |       |
| farms   | 39             | 64      | 189       | 7        | 111    | 98     | 27     | 12    |
| workers   | 39             | 64      | 189       | -        | 111    | 98     | 27     | (D)   |
| 2 workers .....   |                |         |           |          |        |        |        |       |
| farms   | 16             | 8       | 69        | -        | 66     | 54     | 37     | 7     |
| workers   | 32             | 16      | (D)       | -        | 132    | 108    | 74     | 14    |
| 3 or 4 workers .....  |                |         |           |          |        |        |        |       |
| farms   | 4              | 53      | 59        | 10       | 61     | 30     | 31     | 6     |
| workers   | 16             | 178     | 187       | 32       | 206    | 91     | 108    | 19    |
| 5 to 9 workers .....  |                |         |           |          |        |        |        |       |
| farms   | 11             | 19      | 23        | 2        | 66     | 30     | 18     | 3     |
| workers   | 69             | 135     | 147       | (D)      | 453    | 172    | 112    | 21    |
| 10 workers or more .....  |                |         |           |          |        |        |        |       |
| farms   | 14             | 16      | 2         | 2        | 28     | 9      | 9      | 1     |
| workers   | 207            | 264     | (D)       | (D)      | 424    | 195    | 300    | (D)   |
| Reported only workers working<br>150 days or more .....   |                |         |           |          |        |        |        |       |
| farms   | 55             | 39      | 35        | 2        | 91     | 40     | 26     | 9     |
| workers   | 355            | 153     | 115       | (D)      | 228    | 127    | 88     | 15    |
| \$1,000 payroll   | 1,589          | 2,891   | 2,079     | (D)      | 3,325  | 2,549  | 1,300  | 131   |
| Reported only workers working<br>less than 150 days .....   |                |         |           |          |        |        |        |       |
| farms   | 71             | 111     | 312       | 16       | 229    | 158    | 82     | 19    |
| workers   | 254            | 349     | 590       | 42       | 807    | 339    | 229    | 47    |
| \$1,000 payroll   | 515            | 432     | 537       | (D)      | 1,460  | 1,043  | 336    | 18    |
| Reported both - workers working 150<br>days or more and workers<br>working less than 150 days ..... |                |         |           |          |        |        |        |       |
| farms   | 13             | 49      | 30        | 5        | 103    | 63     | 40     | 10    |
| workers   | 37             | 117     | 207       | (D)      | 363    | 246    | 247    | 34    |
| 150 days or more, workers   | 109            | 308     | 149       | 71       | 519    | 325    | 392    | 48    |
| less than 150 days, workers   | 850            | 2,495   | 5,971     | 314      | 8,410  | 3,795  | 8,864  | 454   |
| \$1,000 payroll   |                |         |           |          |        |        |        |       |
| Migrant farm labor on farms with hired<br>labor (see text) .....                                    | farms          | 43      | 39        | 4        | -      | 30     | 7      | 5     |
| Migrant farm labor on farms reporting only<br>contract labor (see text) .....                       | farms          | 16      | -         | -        | -      | 1      | -      | 1     |

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron | Isabella | Jackson | Kalamazoo | Kalkaska | Kent   | Keweenaw | Lake |
|---|------|----------|---------|-----------|----------|--------|----------|------|
| Hired farm labor .....  |      |          |         |           |          |        |          |      |
| farms   | 27   | 186      | 185     | 262       | 23       | 354    | -        | 18   |
| workers   | 137  | 892      | 459     | 3,774     | 159      | 4,567  | -        | 55   |
| \$1,000 payroll   | 622  | 3,260    | 2,972   | 34,184    | 808      | 27,825 | -        | 47   |
| Farms with-<br>1 worker .....   |      |          |         |           |          |        |          |      |
| farms   | 12   | 46       | 88      | 30        | 4        | 62     | -        | 4    |
| workers   | 12   | 46       | 88      | 30        | (D)      | 62     | -        | (D)  |
| 2 workers .....   |      |          |         |           |          |        |          |      |
| farms   | 1    | 51       | 41      | 64        | 4        | 39     | -        | 2    |
| workers   | (D)  | 102      | 82      | 128       | 8        | 78     | -        | (D)  |
| 3 or 4 workers .....  |      |          |         |           |          |        |          |      |
| farms   | 4    | 26       | 29      | 7         | 8        | 78     | -        | 9    |
| workers   | 15   | 84       | 102     | 24        | 24       | 286    | -        | 30   |
| 5 to 9 workers .....  |      |          |         |           |          |        |          |      |
| farms   | 8    | 37       | 24      | 28        | 2        | 76     | -        | 3    |
| workers   | 56   | 230      | 132     | 157       | (D)      | 478    | -        | 17   |
| 10 workers or more .....  |      |          |         |           |          |        |          |      |
| farms   | 2    | 26       | 3       | 133       | 5        | 99     | -        | -    |
| workers   | (D)  | 430      | 55      | 3,435     | 105      | 3,663  | -        | -    |
| Workers by days worked:   |      |          |         |           |          |        |          |      |
| 150 days or more .....  |      |          |         |           |          |        |          |      |
| farms   | 4    | 56       | 65      | 166       | 7        | 127    | -        | 4    |
| workers   | 26   | 181      | 129     | 1,220     | 32       | 1,319  | -        | 4    |
| Farms with-<br>1 worker .....   |      |          |         |           |          |        |          |      |
| farms   | -    | 16       | 41      | 9         | -        | 21     | -        | 4    |
| workers   | -    | (D)      | 41      | 9         | -        | 21     | -        | 4    |
| 2 workers .....   |      |          |         |           |          |        |          |      |
| farms   | 2    | 19       | 10      | 13        | 2        | 6      | -        | -    |
| workers   | (D)  | 38       | (D)     | 26        | (D)      | 12     | -        | -    |
| 3 or 4 workers .....  |      |          |         |           |          |        |          |      |
| farms   | -    | 12       | 8       | 99        | 2        | 27     | -        | -    |
| workers   | -    | 40       | 30      | 385       | (D)      | 101    | -        | -    |
| 5 to 9 workers .....  |      |          |         |           |          |        |          |      |
| farms   | -    | 7        | 5       | 20        | 2        | 39     | -        | -    |
| workers   | -    | 40       | 27      | 127       | (D)      | 228    | -        | -    |
| 10 workers or more .....  |      |          |         |           |          |        |          |      |
| farms   | 2    | 2        | 1       | 25        | 1        | 34     | -        | -    |
| workers   | (D)  | (D)      | (D)     | 673       | (D)      | 957    | -        | -    |
| Less than 150 days .....  |      |          |         |           |          |        |          |      |
| farms   | 27   | 154      | 139     | 235       | 21       | 328    | -        | 18   |
| workers   | 111  | 711      | 330     | 2,554     | 127      | 3,248  | -        | 51   |
| Farms with-<br>1 worker .....   |      |          |         |           |          |        |          |      |
| farms   | 12   | 41       | 63      | 33        | 6        | 67     | -        | 6    |
| workers   | 12   | 41       | 63      | 33        | (D)      | 67     | -        | (D)  |
| 2 workers .....   |      |          |         |           |          |        |          |      |
| farms   | 1    | 36       | 32      | 55        | 4        | 53     | -        | 2    |
| workers   | (D)  | 72       | (D)     | 110       | 8        | 106    | -        | (D)  |
| 3 or 4 workers .....  |      |          |         |           |          |        |          |      |
| farms   | 4    | 26       | 24      | 8         | 5        | 77     | -        | 7    |
| workers   | 15   | 81       | 80      | 27        | 16       | 280    | -        | 24   |
| 5 to 9 workers .....  |      |          |         |           |          |        |          |      |
| farms   | 8    | 26       | 18      | 41        | 2        | 74     | -        | 3    |
| workers   | 52   | 155      | 90      | 257       | (D)      | 441    | -        | 17   |
| 10 workers or more .....  |      |          |         |           |          |        |          |      |
| farms   | 2    | 25       | 2       | 98        | 4        | 57     | -        | -    |
| workers   | (D)  | 362      | (D)     | 2,127     | 79       | 2,354  | -        | -    |
| Reported only workers working<br>150 days or more .....   |      |          |         |           |          |        |          |      |
| farms   | -    | 32       | 46      | 27        | 2        | 26     | -        | -    |
| workers   | -    | 77       | 76      | 227       | (D)      | 366    | -        | -    |
| \$1,000 payroll   | -    | 694      | 956     | 4,940     | (D)      | 3,175  | -        | -    |
| Reported only workers working<br>less than 150 days .....   |      |          |         |           |          |        |          |      |
| farms   | 23   | 130      | 120     | 96        | 16       | 227    | -        | 14   |
| workers   | 67   | 515      | 262     | 378       | 82       | 1,205  | -        | 45   |
| \$1,000 payroll   | 66   | 563      | 889     | 2,409     | (D)      | 1,247  | -        | 18   |
| Reported both - workers working 150<br>days or more and workers<br>working less than 150 days ..... |      |          |         |           |          |        |          |      |
| farms   | 4    | 24       | 19      | 139       | 5        | 101    | -        | 4    |
| 150 days or more, workers   | 26   | 104      | 53      | 993       | (D)      | 953    | -        | 4    |
| less than 150 days, workers   | 44   | 196      | 68      | 2,176     | 45       | 2,043  | -        | 6    |
| \$1,000 payroll   | 556  | 2,003    | 1,127   | 26,836    | 549      | 23,403 | -        | 29   |
| Migrant farm labor on farms with hired<br>labor (see text) .....                                    |      |          |         |           |          |        |          |      |
| farms   | -    | 3        | 18      | 20        | 5        | 54     | -        | 1    |
| Migrant farm labor on farms reporting only<br>contract labor (see text) .....                       |      |          |         |           |          |        |          |      |
| farms   | -    | -        | 35      | 11        | -        | -      | -        | -    |

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer | Leelanau | Lenawee | Livingston | Luce | Mackinac | Macomb | Manistee |
|---|--------|----------|---------|------------|------|----------|--------|----------|
| Hired farm labor .....  |        |          |         |            |      |          |        |          |
| farms   | 240    | 141      | 232     | 180        | 7    | 12       | 118    | 70       |
| workers   | 1,232  | 843      | 1,067   | 534        | 26   | 59       | 1,184  | 531      |
| \$1,000 payroll   | 5,239  | 3,882    | 7,314   | 2,942      | (D)  | 458      | 7,234  | 1,109    |
| Farms with-1 worker .....   |        |          |         |            |      |          |        |          |
| farms   | 85     | 66       | 95      | 79         | 2    | 4        | 25     | 11       |
| workers   | 85     | 66       | 95      | 79         | (D)  | 4        | 25     | 11       |
| 2 workers .....   |        |          |         |            |      |          |        |          |
| farms   | 42     | 9        | 50      | 52         | 2    | 2        | 11     | 11       |
| workers   | 84     | 18       | 100     | 104        | (D)  | (D)      | 22     | 22       |
| 3 or 4 workers .....  |        |          |         |            |      |          |        |          |
| farms   | 41     | 14       | 37      | 36         | -    | 2        | 19     | 28       |
| workers   | 128    | 50       | 139     | 119        | -    | (D)      | 61     | 97       |
| 5 to 9 workers .....  |        |          |         |            |      |          |        |          |
| farms   | 52     | 24       | 25      | 8          | 3    | 2        | 8      | 12       |
| workers   | 298    | 153      | 172     | 46         | 20   | (D)      | 55     | 83       |
| 10 workers or more .....  |        |          |         |            |      |          |        |          |
| farms   | 20     | 28       | 25      | 5          | -    | 2        | 55     | 8        |
| workers   | 637    | 556      | 561     | 186        | -    | (D)      | 1,021  | 318      |
| Workers by days worked:   |        |          |         |            |      |          |        |          |
| 150 days or more .....  |        |          |         |            |      |          |        |          |
| farms   | 90     | 43       | 81      | 25         | 2    | 7        | 53     | 15       |
| workers   | 224    | 121      | 294     | 147        | (D)  | 30       | 396    | 96       |
| Farms with-1 worker .....   |        |          |         |            |      |          |        |          |
| farms   | 33     | 31       | 29      | 4          | -    | 1        | 18     | 2        |
| workers   | 33     | 31       | 29      | 4          | -    | (D)      | 18     | (D)      |
| 2 workers .....   |        |          |         |            |      |          |        |          |
| farms   | 35     | 1        | 23      | 14         | 1    | 1        | 1      | 5        |
| workers   | 70     | (D)      | 46      | 28         | (D)  | (D)      | (D)    | 10       |
| 3 or 4 workers .....  |        |          |         |            |      |          |        |          |
| farms   | 13     | 3        | 14      | 3          | -    | 2        | 3      | 2        |
| workers   | 47     | (D)      | 46      | 10         | -    | (D)      | (D)    | (D)      |
| 5 to 9 workers .....  |        |          |         |            |      |          |        |          |
| farms   | 6      | 5        | 8       | 2          | 1    | 3        | 21     | 2        |
| workers   | 41     | 27       | 44      | (D)        | (D)  | 20       | 111    | (D)      |
| 10 workers or more .....  |        |          |         |            |      |          |        |          |
| farms   | 3      | 3        | 7       | 2          | -    | -        | 10     | 4        |
| workers   | 33     | 51       | 129     | (D)        | -    | -        | 255    | 66       |
| Less than 150 days .....  |        |          |         |            |      |          |        |          |
| farms   | 188    | 116      | 200     | 165        | 7    | 10       | 99     | 68       |
| workers   | 1,008  | 722      | 773     | 387        | (D)  | 29       | 788    | 435      |
| Farms with-1 worker .....   |        |          |         |            |      |          |        |          |
| farms   | 74     | 46       | 112     | 81         | 2    | 5        | 14     | 11       |
| workers   | 74     | 46       | 112     | 81         | (D)  | 5        | 14     | 11       |
| 2 workers .....   |        |          |         |            |      |          |        |          |
| farms   | 14     | 7        | 25      | 39         | 2    | 2        | 12     | 16       |
| workers   | 28     | 14       | 50      | 78         | (D)  | (D)      | 24     | 32       |
| 3 or 4 workers .....  |        |          |         |            |      |          |        |          |
| farms   | 51     | 14       | 29      | 34         | 2    | 2        | 21     | 22       |
| workers   | 168    | 50       | 108     | 112        | (D)  | (D)      | 69     | 74       |
| 5 to 9 workers .....  |        |          |         |            |      |          |        |          |
| farms   | 32     | 23       | 17      | 9          | 1    | -        | 17     | 13       |
| workers   | 179    | 139      | 124     | (D)        | (D)  | -        | 89     | 91       |
| 10 workers or more .....  |        |          |         |            |      |          |        |          |
| farms   | 17     | 26       | 17      | 2          | -    | 1        | 35     | 6        |
| workers   | 559    | 473      | 379     | (D)        | -    | (D)      | 592    | 227      |
| Reported only workers working   |        |          |         |            |      |          |        |          |
| 150 days or more .....  |        |          |         |            |      |          |        |          |
| farms   | 52     | 25       | 32      | 15         | -    | 2        | 19     | 2        |
| workers   | 123    | 50       | 114     | 39         | -    | (D)      | 79     | (D)      |
| \$1,000 payroll   | 1,648  | 654      | 2,694   | 533        | -    | (D)      | 709    | (D)      |
| Reported only workers working   |        |          |         |            |      |          |        |          |
| less than 150 days .....  |        |          |         |            |      |          |        |          |
| farms   | 150    | 98       | 151     | 155        | 5    | 5        | 65     | 55       |
| workers   | 528    | 490      | 437     | 292        | 12   | (D)      | 467    | 184      |
| \$1,000 payroll   | 460    | 409      | 428     | 248        | (D)  | (D)      | 600    | (D)      |
| Reported both - workers working 150 days or more and workers working less than 150 days ..... |        |          |         |            |      |          |        |          |
| farms   | 38     | 18       | 49      | 10         | 2    | 5        | 34     | 13       |
| 150 days or more, workers   | 101    | 71       | 180     | 108        | (D)  | 22       | 317    | (D)      |
| less than 150 days, workers   | 480    | 232      | 336     | 95         | (D)  | 23       | 321    | 251      |
| \$1,000 payroll   | 3,131  | 2,819    | 4,193   | 2,161      | (D)  | 431      | 5,925  | 779      |
| Migrant farm labor on farms with hired labor (see text) .....                                 | farms  | 12       | 43      | 7          | -    | 2        | -      | 27       |
| Migrant farm labor on farms reporting only contract labor (see text) .....                    | farms  | -        | -       | -          | -    | -        | -      | -        |

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Marquette | Mason | Mecosta | Menominee | Midland | Missaukee | Monroe | Montcalm |
|---|-----------|-------|---------|-----------|---------|-----------|--------|----------|
| Hired farm labor .....  |           |       |         |           |         |           |        |          |
| farms   | 23        | 131   | 91      | 123       | 52      | 108       | 268    | 242      |
| workers   | 109       | 1,179 | 488     | 387       | 262     | 566       | 1,762  | 1,720    |
| \$1,000 payroll   | 654       | 4,446 | 1,662   | 2,175     | 1,678   | 5,718     | 12,842 | 11,857   |
| Farms with- 1 worker .....  |           |       |         |           |         |           |        |          |
| farms   | 6         | 8     | 16      | 29        | 17      | 27        | 87     | 72       |
| workers   | (D)       | 8     | 16      | 29        | 17      | 27        | 87     | 72       |
| 2 workers .....   |           |       |         |           |         |           |        |          |
| farms   | 4         | 27    | 17      | 38        | 4       | 10        | 60     | 46       |
| workers   | 8         | 54    | 34      | 76        | 8       | 20        | 120    | 92       |
| 3 or 4 workers .....  |           |       |         |           |         |           |        |          |
| farms   | 4         | 32    | 13      | 27        | 11      | 35        | 69     | 61       |
| workers   | 13        | 108   | 39      | 100       | 43      | 120       | 230    | 197      |
| 5 to 9 workers .....  |           |       |         |           |         |           |        |          |
| farms   | 7         | 34    | 41      | 26        | 9       | 30        | 27     | 22       |
| workers   | 50        | 247   | 286     | 148       | 54      | 170       | 196    | 139      |
| 10 workers or more .....  |           |       |         |           |         |           |        |          |
| farms   | 2         | 30    | 4       | 3         | 11      | 6         | 25     | 41       |
| workers   | (D)       | 762   | 113     | 34        | 140     | 229       | 1,129  | 1,220    |
| Workers by days worked:   |           |       |         |           |         |           |        |          |
| 150 days or more .....  |           |       |         |           |         |           |        |          |
| farms   | 12        | 49    | 30      | 44        | 26      | 61        | 81     | 108      |
| workers   | 34        | 170   | 104     | 96        | 73      | 254       | 638    | 703      |
| Farms with- 1 worker .....  |           |       |         |           |         |           |        |          |
| farms   | 1         | 12    | 8       | 31        | 10      | 21        | 49     | 26       |
| workers   | (D)       | 12    | (D)     | 31        | 10      | 21        | 49     | 26       |
| 2 workers .....   |           |       |         |           |         |           |        |          |
| farms   | 7         | 14    | 5       | 1         | 13      | 13        | 7      | 19       |
| workers   | (D)       | 28    | 10      | (D)       | 26      | 26        | 14     | 38       |
| 3 or 4 workers .....  |           |       |         |           |         |           |        |          |
| farms   | 1         | 14    | 12      | 7         | -       | 15        | 5      | 31       |
| workers   | (D)       | 43    | 47      | (D)       | -       | 51        | 15     | 96       |
| 5 to 9 workers .....  |           |       |         |           |         |           |        |          |
| farms   | 3         | 6     | 4       | 4         | 1       | 9         | 8      | 10       |
| workers   | 16        | 41    | 24      | 29        | (D)     | 54        | 46     | 66       |
| 10 workers or more .....  |           |       |         |           |         |           |        |          |
| farms   | -         | 3     | 1       | 1         | 2       | 3         | 12     | 22       |
| workers   | -         | 46    | (D)     | (D)       | (D)     | 102       | 514    | 477      |
| Less than 150 days .....  |           |       |         |           |         |           |        |          |
| farms   | 19        | 121   | 87      | 98        | 45      | 88        | 241    | 174      |
| workers   | 75        | 1,009 | 384     | 291       | 189     | 312       | 1,124  | 1,017    |
| Farms with- 1 worker .....  |           |       |         |           |         |           |        |          |
| farms   | 5         | 9     | 18      | 15        | 15      | 25        | 83     | 59       |
| workers   | 5         | 9     | 18      | 15        | 15      | 25        | 83     | 59       |
| 2 workers .....   |           |       |         |           |         |           |        |          |
| farms   | 4         | 28    | 19      | 38        | 4       | 11        | 51     | 48       |
| workers   | 8         | 56    | 38      | 76        | 8       | 22        | 102    | 96       |
| 3 or 4 workers .....  |           |       |         |           |         |           |        |          |
| farms   | 2         | 24    | 21      | 25        | 11      | 41        | 69     | 24       |
| workers   | (D)       | 84    | 64      | 91        | 40      | 125       | 212    | 74       |
| 5 to 9 workers .....  |           |       |         |           |         |           |        |          |
| farms   | 7         | 34    | 26      | 20        | 6       | 6         | 21     | 17       |
| workers   | 41        | 233   | 181     | 109       | 36      | 31        | 155    | 106      |
| 10 workers or more .....  |           |       |         |           |         |           |        |          |
| farms   | 1         | 26    | 3       | -         | 9       | 5         | 17     | 26       |
| workers   | (D)       | 627   | 83      | -         | 90      | 109       | 572    | 682      |
| Reported only workers working 150 days or more .....  |           |       |         |           |         |           |        |          |
| farms   | 4         | 10    | 4       | 25        | 7       | 20        | 27     | 68       |
| workers   | 11        | 15    | 13      | 39        | 37      | 54        | 188    | 378      |
| \$1,000 payroll   | 88        | 180   | 141     | 494       | (D)     | 992       | 1,629  | 2,442    |
| Reported only workers working less than 150 days .....  |           |       |         |           |         |           |        |          |
| farms   | 11        | 82    | 61      | 79        | 26      | 47        | 187    | 134      |
| workers   | 26        | 448   | 236     | 249       | 78      | 121       | 595    | 440      |
| \$1,000 payroll   | 31        | 825   | 45      | 532       | (D)     | 136       | 761    | 424      |
| Reported both - workers working 150 days or more and workers working less than 150 days ..... |           |       |         |           |         |           |        |          |
| farms   | 8         | 39    | 26      | 19        | 19      | 41        | 54     | 40       |
| 150 days or more, workers   | 23        | 155   | 91      | 57        | 36      | 200       | 450    | 325      |
| less than 150 days, workers   | 49        | 561   | 148     | 42        | 111     | 191       | 529    | 577      |
| \$1,000 payroll   | 536       | 3,441 | 1,476   | 1,149     | 635     | 4,589     | 10,452 | 8,991    |
| Migrant farm labor on farms with hired labor (see text) .....                                 | farms     | 2     | 37      | 1         | 2       | 4         | 8      | 35       |
| Migrant farm labor on farms reporting only contract labor (see text) .....                    | farms     | -     | 10      | -         | 5       | -         | -      | 1        |

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency | Muskegon | Newaygo | Oakland | Oceana | Ogemaw | Ontonagon | Osceola |
|---|-------------|----------|---------|---------|--------|--------|-----------|---------|
| Hired farm labor .....  |             |          |         |         |        |        |           |         |
| farms   | 14          | 137      | 205     | 170     | 190    | 68     | 27        | 90      |
| workers   | 36          | 1,626    | 1,331   | 1,003   | 4,919  | 379    | 94        | 425     |
| \$1,000 payroll   | 83          | 8,432    | 6,754   | 8,310   | 13,681 | 3,138  | 288       | 1,499   |
| Farms with- 1 worker .....  |             |          |         |         |        |        |           |         |
| farms   | 7           | 14       | 93      | 29      | 2      | 9      | 8         | 23      |
| workers   | 7           | 14       | 93      | 29      | (D)    | 9      | (D)       | 23      |
| 2 workers .....   |             |          |         |         |        |        |           |         |
| farms   | 3           | 19       | 18      | 70      | -      | 16     | 7         | 11      |
| workers   | 6           | 38       | 36      | 140     | -      | 32     | 14        | 22      |
| 3 or 4 workers .....  |             |          |         |         |        |        |           |         |
| farms   | 2           | 42       | 28      | 25      | 19     | 14     | 6         | 15      |
| workers   | (D)         | 129      | 86      | 87      | (D)    | 51     | 19        | 59      |
| 5 to 9 workers .....  |             |          |         |         |        |        |           |         |
| farms   | 1           | 33       | 31      | 36      | 65     | 19     | 4         | 38      |
| workers   | (D)         | 202      | 192     | 240     | 431    | 128    | 29        | 246     |
| 10 workers or more .....  |             |          |         |         |        |        |           |         |
| farms   | 1           | 29       | 35      | 10      | 104    | 10     | 2         | 3       |
| workers   | (D)         | 1,243    | 924     | 507     | 4,410  | 159    | (D)       | 75      |
| Workers by days worked:   |             |          |         |         |        |        |           |         |
| 150 days or more .....  |             |          |         |         |        |        |           |         |
| farms   | 3           | 56       | 81      | 58      | 84     | 47     | 10        | 37      |
| workers   | 8           | 338      | 381     | 305     | 823    | 169    | 32        | 133     |
| Farms with- 1 worker .....  |             |          |         |         |        |        |           |         |
| farms   | 2           | 14       | 31      | 23      | 13     | 7      | 3         | 2       |
| workers   | (D)         | 14       | 31      | (D)     | 13     | 7      | 3         | (D)     |
| 2 workers .....   |             |          |         |         |        |        |           |         |
| farms   | -           | 11       | 7       | 14      | 10     | 11     | 3         | 11      |
| workers   | -           | 22       | 14      | 28      | 20     | 22     | 6         | (D)     |
| 3 or 4 workers .....  |             |          |         |         |        |        |           |         |
| farms   | -           | 8        | 8       | 1       | 7      | 21     | 2         | 16      |
| workers   | -           | 25       | 28      | (D)     | 25     | 72     | (D)       | 55      |
| 5 to 9 workers .....  |             |          |         |         |        |        |           |         |
| farms   | 1           | 16       | 28      | 12      | 20     | 5      | 2         | 7       |
| workers   | (D)         | 105      | 152     | 73      | 110    | 30     | (D)       | 42      |
| 10 workers or more .....  |             |          |         |         |        |        |           |         |
| farms   | -           | 7        | 7       | 8       | 34     | 3      | -         | 1       |
| workers   | -           | 172      | 156     | 178     | 655    | 38     | -         | (D)     |
| Less than 150 days .....  |             |          |         |         |        |        |           |         |
| farms   | 11          | 118      | 178     | 158     | 176    | 50     | 24        | 84      |
| workers   | 28          | 1,288    | 950     | 698     | 4,096  | 210    | 62        | 292     |
| Farms with- 1 worker .....  |             |          |         |         |        |        |           |         |
| farms   | 5           | 28       | 78      | 32      | 2      | 10     | 7         | 31      |
| workers   | 5           | (D)      | 78      | 32      | (D)    | 10     | 7         | (D)     |
| 2 workers .....   |             |          |         |         |        |        |           |         |
| farms   | 3           | 1        | 24      | 69      | 3      | 17     | 7         | 17      |
| workers   | 6           | (D)      | 48      | 138     | (D)    | 34     | 14        | (D)     |
| 3 or 4 workers .....  |             |          |         |         |        |        |           |         |
| farms   | 2           | 39       | 25      | 36      | 18     | 8      | 7         | 18      |
| workers   | (D)         | 119      | 80      | 110     | 70     | 30     | 23        | 63      |
| 5 to 9 workers .....  |             |          |         |         |        |        |           |         |
| farms   | -           | 27       | 34      | 15      | 54     | 9      | 3         | 17      |
| workers   | -           | 162      | 188     | 108     | 367    | 54     | 18        | 124     |
| 10 workers or more .....  |             |          |         |         |        |        |           |         |
| farms   | 1           | 23       | 17      | 6       | 99     | 6      | -         | 1       |
| workers   | (D)         | 977      | 556     | 310     | 3,651  | 82     | -         | (D)     |
| Reported only workers working 150 days or more .....  |             |          |         |         |        |        |           |         |
| farms   | 3           | 19       | 27      | 12      | 14     | 18     | 3         | 6       |
| workers   | 8           | 106      | 59      | 85      | 118    | 55     | 5         | 27      |
| \$1,000 payroll   | (D)         | 1,384    | 1,035   | 724     | 1,284  | 851    | (D)       | 416     |
| Reported only workers working less than 150 days .....  |             |          |         |         |        |        |           |         |
| farms   | 11          | 81       | 124     | 112     | 106    | 21     | 17        | 53      |
| workers   | 28          | 375      | 273     | 217     | 1,711  | 61     | 35        | 175     |
| \$1,000 payroll   | (D)         | 558      | 458     | 75      | 1,729  | 101    | (D)       | 134     |
| Reported both - workers working 150 days or more and workers working less than 150 days ..... |             |          |         |         |        |        |           |         |
| farms   | -           | 37       | 54      | 46      | 70     | 29     | 7         | 31      |
| workers   | -           | 232      | 322     | 220     | 705    | 114    | 27        | 106     |
| 150 days or more, workers less than 150 days, workers \$1,000 payroll                         | -           | 913      | 677     | 481     | 2,385  | 149    | 27        | 117     |
|   | -           | 6,491    | 5,261   | 7,511   | 10,668 | 2,187  | 188       | 949     |
| Migrant farm labor on farms with hired labor (see text) .....                                 | farms       | -        | 24      | 18      | 4      | 143    | -         | 1       |
| Migrant farm labor on farms reporting only contract labor (see text) .....                    | farms       | 2        | -       | -       | 15     | 1      | -         | -       |

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda | Otsego | Ottawa | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
|---|--------|--------|--------|--------------|-----------|---------|-----------|------------|
| Hired farm labor .....  |        |        |        |              |           |         |           |            |
| farms   | 21     | 17     | 535    | 54           | 5         | 364     | 253       | 288        |
| workers   | 57     | 101    | 7,600  | 227          | (D)       | 1,664   | 846       | 1,188      |
| \$1,000 payroll   | 195    | 311    | 52,559 | 2,128        | (D)       | 5,826   | 3,893     | 9,001      |
| Farms with-<br>1 worker .....   |        |        |        |              |           |         |           |            |
| farms   | 8      | 6      | 179    | 13           | 3         | 109     | 118       | 148        |
| workers   | 8      | 6      | 179    | 13           | (D)       | 109     | 118       | 148        |
| 2 workers .....   |        |        |        |              |           |         |           |            |
| farms   | 8      | 1      | 34     | 23           | -         | 75      | 23        | 51         |
| workers   | 16     | (D)    | 68     | 46           | -         | 150     | 46        | 102        |
| 3 or 4 workers .....  |        |        |        |              |           |         |           |            |
| farms   | 2      | 1      | 103    | 8            | 2         | 59      | 43        | 55         |
| workers   | (D)    | (D)    | 349    | 29           | (D)       | 210     | 142       | 207        |
| 5 to 9 workers .....  |        |        |        |              |           |         |           |            |
| farms   | 2      | 8      | 102    | 4            | -         | 77      | 58        | 20         |
| workers   | (D)    | 50     | 621    | 27           | -         | 463     | 370       | 139        |
| 10 workers or more .....  |        |        |        |              |           |         |           |            |
| farms   | 1      | 1      | 117    | 6            | -         | 44      | 11        | 14         |
| workers   | (D)    | (D)    | 6,383  | 112          | -         | 732     | 170       | 592        |
| Workers by days worked:   |        |        |        |              |           |         |           |            |
| 150 days or more .....  |        |        |        |              |           |         |           |            |
| farms   | 11     | 7      | 210    | 18           | 2         | 104     | 62        | 73         |
| workers   | 26     | 32     | 2,687  | 53           | (D)       | 318     | 211       | 339        |
| Farms with-<br>1 worker .....   |        |        |        |              |           |         |           |            |
| farms   | 4      | -      | 78     | 9            | 2         | 33      | 29        | 35         |
| workers   | 4      | -      | 78     | 9            | (D)       | 33      | (D)       | 35         |
| 2 workers .....   |        |        |        |              |           |         |           |            |
| farms   | 4      | 1      | 28     | -            | -         | 33      | -         | 9          |
| workers   | 8      | (D)    | 56     | -            | -         | 66      | -         | 18         |
| 3 or 4 workers .....  |        |        |        |              |           |         |           |            |
| farms   | 1      | 5      | 42     | 4            | -         | 29      | 17        | 10         |
| workers   | (D)    | (D)    | 135    | 16           | -         | 109     | 66        | 33         |
| 5 to 9 workers .....  |        |        |        |              |           |         |           |            |
| farms   | 2      | -      | 27     | 5            | -         | 6       | 15        | 13         |
| workers   | (D)    | -      | 166    | 28           | -         | 39      | 81        | 101        |
| 10 workers or more .....  |        |        |        |              |           |         |           |            |
| farms   | -      | 35     | -      | -            | -         | 3       | 1         | 6          |
| workers   | -      | (D)    | 2,252  | -            | -         | 71      | (D)       | 152        |
| Less than 150 days .....  |        |        |        |              |           |         |           |            |
| farms   | 16     | 16     | 454    | 49           | 3         | 321     | 234       | 251        |
| workers   | 31     | 69     | 4,913  | 174          | (D)       | 1,346   | 635       | 849        |
| Farms with-<br>1 worker .....   |        |        |        |              |           |         |           |            |
| farms   | 8      | 6      | 140    | 14           | 1         | 106     | 128       | 142        |
| workers   | (D)    | (D)    | 140    | (D)          | (D)       | 106     | 128       | 142        |
| 2 workers .....   |        |        |        |              |           |         |           |            |
| farms   | 4      | 4      | 32     | 20           | -         | 57      | 23        | 43         |
| workers   | 8      | 8      | 64     | 40           | -         | 114     | 46        | 86         |
| 3 or 4 workers .....  |        |        |        |              |           |         |           |            |
| farms   | 3      | 1      | 93     | 8            | 2         | 69      | 28        | 49         |
| workers   | 10     | (D)    | 310    | 29           | (D)       | 255     | 84        | 186        |
| 5 to 9 workers .....  |        |        |        |              |           |         |           |            |
| farms   | 1      | 4      | 93     | 1            | -         | 60      | 45        | 8          |
| workers   | (D)    | 27     | 552    | (D)          | -         | 385     | 265       | 49         |
| 10 workers or more .....  |        |        |        |              |           |         |           |            |
| farms   | -      | 1      | 96     | 6            | -         | 29      | 10        | 9          |
| workers   | -      | (D)    | 3,847  | 86           | -         | 486     | 112       | 386        |
| Reported only workers working<br>150 days or more .....   |        |        |        |              |           |         |           |            |
| farms   | 5      | 1      | 81     | 5            | 2         | 43      | 19        | 37         |
| workers   | 8      | (D)    | 327    | 5            | (D)       | 137     | 69        | 116        |
| \$1,000 payroll   | (D)    | (D)    | 6,118  | 7            | (D)       | 2,410   | 396       | 1,318      |
| Reported only workers working<br>less than 150 days .....   |        |        |        |              |           |         |           |            |
| farms   | 10     | 10     | 325    | 36           | 3         | 260     | 191       | 215        |
| workers   | 15     | 30     | 1,361  | 80           | 9         | 1,056   | 444       | 419        |
| \$1,000 payroll   | (D)    | (D)    | 3,484  | 528          | 1         | 547     | 616       | 512        |
| Reported both - workers working 150<br>days or more and workers<br>working less than 150 days ..... |        |        |        |              |           |         |           |            |
| farms   | 6      | 6      | 129    | 13           | -         | 61      | 43        | 36         |
| workers   | 18     | (D)    | 2,360  | 48           | -         | 181     | 142       | 223        |
| 150 days or more, workers   | 16     | 39     | 3,552  | 94           | -         | 290     | 191       | 430        |
| less than 150 days, workers   | 77     | 242    | 42,957 | 1,593        | -         | 2,869   | 2,881     | 7,172      |
| \$1,000 payroll   |        |        |        |              |           |         |           |            |
| Migrant farm labor on farms with hired<br>labor (see text) .....                                    | farms  | 3      | 1      | 105          | 6         | -       | 24        | 13         |
| Migrant farm labor on farms reporting only<br>contract labor (see text) .....                       | farms  | -      | -      | 3            | -         | -       | 1         | -          |

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne | Wexford |
|---|---------|-------------|------------|---------|-----------|-----------|-------|---------|
| Hired farm labor .....  |         |             |            |         |           |           |       |         |
| farms   | 333     | 17          | 208        | 285     | 522       | 246       | 52    | 66      |
| workers   | 1,854   | 74          | 856        | 1,529   | 7,527     | 1,243     | 895   | 238     |
| \$1,000 payroll   | 8,895   | 198         | 2,727      | 6,907   | 19,606    | 7,819     | 6,977 | 971     |
| Farms with- 1 worker .....  |         |             |            |         |           |           |       |         |
| farms   | 97      | 4           | 57         | 73      | 63        | 66        | 1     | 30      |
| workers   | 97      | 4           | 57         | 73      | 63        | 66        | (D)   | 30      |
| 2 workers .....   |         |             |            |         |           |           |       |         |
| farms   | 65      | 3           | 49         | 61      | 125       | 64        | 17    | 12      |
| workers   | 130     | 6           | 98         | 122     | 250       | 128       | (D)   | (D)     |
| 3 or 4 workers .....  |         |             |            |         |           |           |       |         |
| farms   | 63      | 3           | 43         | 86      | 112       | 39        | 9     | 18      |
| workers   | 214     | 9           | 142        | 271     | 364       | 136       | 35    | 54      |
| 5 to 9 workers .....  |         |             |            |         |           |           |       |         |
| farms   | 63      | 4           | 42         | 29      | 139       | 41        | 12    | 1       |
| workers   | 391     | 24          | 292        | 176     | 877       | 298       | 65    | (D)     |
| 10 workers or more .....  |         |             |            |         |           |           |       |         |
| farms   | 45      | 3           | 17         | 36      | 83        | 36        | 13    | 5       |
| workers   | 1,022   | 31          | 267        | 887     | 5,973     | 615       | 760   | 125     |
| Workers by days worked:   |         |             |            |         |           |           |       |         |
| 150 days or more .....  |         |             |            |         |           |           |       |         |
| farms   | 150     | 4           | 53         | 97      | 131       | 118       | 45    | 22      |
| workers   | 472     | 10          | 176        | 299     | 794       | 352       | 365   | 63      |
| Farms with- 1 worker .....  |         |             |            |         |           |           |       |         |
| farms   | 60      | 1           | 22         | 35      | 56        | 74        | 12    | 14      |
| workers   | 60      | (D)         | 22         | 35      | 56        | 74        | (D)   | 14      |
| 2 workers .....   |         |             |            |         |           |           |       |         |
| farms   | 41      | 2           | 12         | 31      | 6         | 4         | 2     | 3       |
| workers   | 82      | (D)         | 24         | 62      | 12        | (D)       | (D)   | 6       |
| 3 or 4 workers .....  |         |             |            |         |           |           |       |         |
| farms   | 25      | -           | 8          | 16      | 25        | 32        | 11    | 1       |
| workers   | 84      | -           | 26         | 57      | 81        | 126       | 43    | (D)     |
| 5 to 9 workers .....  |         |             |            |         |           |           |       |         |
| farms   | 16      | 1           | 7          | 11      | 14        | 2         | 12    | 2       |
| workers   | 100     | (D)         | 46         | 65      | 85        | (D)       | 62    | (D)     |
| 10 workers or more .....  |         |             |            |         |           |           |       |         |
| farms   | 8       | -           | 4          | 30      | 6         | 8         | 2     | 2       |
| workers   | 146     | -           | 58         | 80      | 560       | 133       | 244   | (D)     |
| Less than 150 days .....  |         |             |            |         |           |           |       |         |
| farms   | 269     | 17          | 192        | 241     | 512       | 214       | 28    | 55      |
| workers   | 1,382   | 64          | 680        | 1,230   | 6,733     | 891       | 530   | 175     |
| Farms with- 1 worker .....  |         |             |            |         |           |           |       |         |
| farms   | 90      | 4           | 66         | 48      | 96        | 87        | 11    | 25      |
| workers   | 90      | (D)         | 66         | 48      | 96        | 87        | 11    | 25      |
| 2 workers .....   |         |             |            |         |           |           |       |         |
| farms   | 56      | 3           | 36         | 59      | 93        | 21        | 6     | 7       |
| workers   | 112     | 6           | 72         | 118     | 186       | 42        | 12    | 14      |
| 3 or 4 workers .....  |         |             |            |         |           |           |       |         |
| farms   | 38      | 5           | 55         | 94      | 119       | 64        | 1     | 18      |
| workers   | 130     | 15          | 181        | 303     | 392       | 233       | (D)   | 54      |
| 5 to 9 workers .....  |         |             |            |         |           |           |       |         |
| farms   | 49      | 3           | 24         | 14      | 145       | 11        | 2     | -       |
| workers   | 280     | 19          | 183        | 93      | 909       | 72        | (D)   | -       |
| 10 workers or more .....  |         |             |            |         |           |           |       |         |
| farms   | 36      | 2           | 11         | 26      | 59        | 31        | 8     | 5       |
| workers   | 770     | (D)         | 178        | 668     | 5,150     | 457       | 493   | 82      |
| Reported only workers working   |         |             |            |         |           |           |       |         |
| 150 days or more .....  |         |             |            |         |           |           |       |         |
| farms   | 64      | -           | 16         | 44      | 10        | 32        | 24    | 11      |
| workers   | 149     | -           | 78         | 85      | 57        | 85        | 150   | 12      |
| \$1,000 payroll   | 2,279   | -           | 898        | 1,443   | 662       | 1,496     | 2,616 | 61      |
| Reported only workers working   |         |             |            |         |           |           |       |         |
| less than 150 days .....  |         |             |            |         |           |           |       |         |
| farms   | 183     | 13          | 155        | 188     | 391       | 128       | 7     | 44      |
| workers   | 1,007   | 43          | 581        | 546     | 1,601     | 540       | 32    | 85      |
| \$1,000 payroll   | 541     | 19          | 300        | 480     | 1,134     | 566       | 70    | 60      |
| Reported both - workers working 150 days or more and workers working less than 150 days ..... |         |             |            |         |           |           |       |         |
| farms   | 86      | 4           | 37         | 53      | 121       | 86        | 21    | 11      |
| 150 days or more, workers   | 323     | 10          | 98         | 214     | 737       | 267       | 215   | 51      |
| less than 150 days, workers   | 375     | 21          | 99         | 684     | 5,132     | 351       | 498   | 90      |
| \$1,000 payroll   | 6,075   | 179         | 1,528      | 4,983   | 17,810    | 5,757     | 4,290 | 849     |
| Migrant farm labor on farms with hired labor (see text) .....                                 | farms   | 11          | 2          | 2       | 36        | 158       | 5     | 5       |
| Migrant farm labor on farms reporting only contract labor (see text) .....                    | farms   | -           | -          | -       | 13        | 8         | -     | -       |

**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan      | Alcona     | Alger   | Allegan | Alpena  | Antrim  | Arenac  |
|---|---------------|------------|---------|---------|---------|---------|---------|
| <b>F FARMS AND LAND IN FARMS</b>                                |               |            |         |         |         |         |         |
| Farms .....   | 53,315        | 244        | 67      | 1,489   | 460     | 382     | 381     |
| 1997  | 53,519        | 240        | 70      | 1,560   | 492     | 301     | 365     |
| Land in farms .....   | 10,142,958    | 41,001     | 14,969  | 243,270 | 73,790  | 63,428  | 83,724  |
| 1997  | 10,443,935    | 46,996     | 16,777  | 250,185 | 85,234  | 59,120  | 90,924  |
| Average size of farm .....                                      | 190           | 168        | 223     | 163     | 160     | 166     | 220     |
| 1997  | 195           | 196        | 240     | 160     | 173     | 196     | 249     |
| Estimated market value of land and buildings <sup>1</sup> ..... | 53,296        | 243        | 68      | 1,481   | 457     | 383     | 378     |
| 1997  | 53,514        | 240        | 69      | 1,558   | 491     | 300     | 365     |
| \$1,000, 2002   | 27,143,604    | 85,904     | 20,023  | 762,495 | 126,860 | 173,276 | 175,752 |
| 1997  | 17,958,222    | 49,411     | 14,745  | 507,879 | 107,041 | 72,539  | 105,298 |
| Average per farm .....  | 509,299       | 353,515    | 294,462 | 514,851 | 277,594 | 452,419 | 464,953 |
| 1997  | 335,580       | 205,878    | 213,701 | 325,981 | 218,005 | 241,798 | 288,487 |
| Average per acre .....  | 2,667         | 2,157      | 1,556   | 3,159   | 1,939   | 2,589   | 2,033   |
| 1997  | 1,704         | 987        | 861     | 2,026   | 1,222   | 1,297   | 1,278   |
| 2002 farms by value group:                                      |               |            |         |         |         |         |         |
| \$1 to \$49,999 .....   | 3,811         | 5          | 5       | 114     | 20      | 11      | 8       |
| \$50,000 to \$99,999 .....                                      | 5,335         | 30         | 6       | 125     | 53      | 23      | 21      |
| \$100,000 to \$199,999 .....                                    | 13,564        | 72         | 16      | 377     | 137     | 182     | 127     |
| \$200,000 to \$499,999 .....                                    | 17,482        | 88         | 30      | 512     | 220     | 102     | 134     |
| \$500,000 to \$999,999 .....                                    | 6,913         | 30         | 8       | 220     | 17      | 26      | 48      |
| \$1,000,000 to \$1,999,999 .....                                | 3,640         | 12         | 3       | 71      | 7       | 26      | 20      |
| \$2,000,000 to \$4,999,999 .....                                | 2,074         | 6          | -       | 41      | 3       | 12      | 20      |
| \$5,000,000 to \$9,999,999 .....                                | 396           | -          | -       | 16      | -       | -       | -       |
| \$10,000,000 or more .....                                      | 81            | -          | -       | 5       | -       | 1       | -       |
| Approximate land area .....                                     | acres, 2002   | 36,354,446 | 431,638 | 587,411 | 529,578 | 367,456 | 305,240 |
| Proportion in farms .....                                       | percent, 2002 | 27.9       | 9.5     | 2.5     | 45.9    | 20.1    | 20.8    |
| 2002 size of farm:  |               |            |         |         |         |         |         |
| 1 to 9 acres .....  | farms         | 3,235      | 11      | 6       | 124     | 9       | 18      |
|   | acres         | 15,635     | 47      | 34      | 593     | 50      | 71      |
| 10 to 49 acres .....  | farms         | 18,663     | 57      | 10      | 612     | 123     | 111     |
|   | acres         | 506,880    | 1,843   | (D)     | 16,933  | 3,682   | 3,392   |
| 50 to 69 acres .....  | farms         | 4,425      | 13      | 5       | 149     | 19      | 41      |
|   | acres         | 257,982    | (D)     | 332     | 8,749   | 1,155   | (D)     |
| 70 to 99 acres .....  | farms         | 6,444      | 41      | 7       | 165     | 80      | 55      |
|   | acres         | 523,738    | 3,403   | 578     | 13,481  | 6,483   | 4,564   |
| 100 to 139 acres .....  | farms         | 4,573      | 36      | 9       | 92      | 68      | 41      |
|   | acres         | 531,314    | 4,407   | 1,039   | 10,541  | 7,883   | 4,723   |
| 140 to 179 acres .....  | farms         | 3,163      | 21      | 7       | 84      | 44      | 33      |
|   | acres         | 497,561    | 3,255   | 1,119   | 13,289  | 6,915   | 5,185   |
| 180 to 219 acres .....  | farms         | 2,084      | 13      | 3       | 46      | 37      | 15      |
|   | acres         | 411,090    | 2,483   | 600     | 9,107   | 7,415   | 2,951   |
| 220 to 259 acres .....  | farms         | 1,618      | 8       | 2       | 35      | 11      | 10      |
|   | acres         | 383,752    | 1,869   | (D)     | 8,350   | 2,620   | (D)     |
| 260 to 499 acres .....  | farms         | 4,291      | 21      | 10      | 78      | 40      | 35      |
|   | acres         | 1,525,932  | 7,296   | 3,427   | 27,763  | 14,196  | 12,237  |
| 500 to 999 acres .....  | farms         | 2,856      | 22      | 6       | 57      | 22      | 16      |
|   | acres         | 1,981,384  | 14,333  | 4,440   | 39,969  | 14,330  | 11,331  |
| 1,000 to 1,999 acres .....                                      | farms         | 1,468      | 1       | 2       | 31      | 7       | 6       |
|   | acres         | 1,968,565  | (D)     | (D)     | 44,361  | 9,061   | 7,924   |
| 2,000 acres or more .....                                       | farms         | 495        | -       | -       | 16      | -       | 1       |
|   | acres         | 1,539,125  | -       | -       | 50,134  | -       | (D)     |
| 1997 size of farm:  |               |            |         |         |         |         |         |
| 1 to 9 acres .....  | farms         | 3,375      | 6       | 2       | 146     | 17      | 18      |
|   | acres         | 15,450     | (D)     | (D)     | 686     | (D)     | 9       |
| 10 to 49 acres .....  | farms         | 15,243     | 42      | 12      | 536     | 115     | 64      |
|   | acres         | 415,315    | 1,226   | 326     | 14,165  | 3,221   | 1,976   |
| 50 to 69 acres .....  | farms         | 4,276      | 10      | 2       | 159     | 30      | 18      |
|   | acres         | 249,667    | 543     | (D)     | 9,398   | 1,716   | 1,091   |
| 70 to 99 acres .....  | farms         | 6,830      | 33      | 5       | 164     | 84      | 52      |
|   | acres         | 556,752    | 2,621   | 432     | 13,319  | 6,833   | 4,312   |
| 100 to 139 acres .....  | farms         | 5,292      | 35      | 10      | 142     | 60      | 33      |
|   | acres         | 615,420    | 3,997   | 1,211   | 16,541  | 7,163   | 3,876   |
| 140 to 179 acres .....  | farms         | 3,924      | 27      | 8       | 96      | 59      | 31      |
|   | acres         | 617,761    | 4,236   | 1,281   | 14,939  | 9,265   | 4,909   |
| 180 to 219 acres .....  | farms         | 2,629      | 22      | 7       | 72      | 34      | 21      |
|   | acres         | 518,673    | 4,271   | 1,389   | 14,317  | 6,826   | (D)     |
| 220 to 259 acres .....  | farms         | 1,838      | 12      | 4       | 35      | 12      | 13      |
|   | acres         | 436,945    | 2,784   | 965     | 8,301   | (D)     | 3,053   |
| 260 to 499 acres .....  | farms         | 5,139      | 36      | 13      | 98      | 46      | 34      |
|   | acres         | 1,827,195  | 11,925  | 4,801   | 33,603  | 15,368  | 11,871  |
| 500 to 999 acres .....  | farms         | 3,245      | 15      | 5       | 68      | 26      | 14      |
|   | acres         | 2,252,119  | 10,495  | 3,620   | 47,408  | 16,862  | 10,643  |
| 1,000 to 1,999 acres .....                                      | farms         | 1,354      | 1       | 2       | 34      | 8       | 7       |
|   | acres         | 1,793,459  | (D)     | (D)     | 42,868  | 10,966  | 8,796   |
| 2,000 acres or more .....                                       | farms         | 374        | 1       | -       | 10      | 1       | 1       |
|   | acres         | 1,145,179  | (D)     | -       | 34,640  | (D)     | (D)     |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |               |            |         |         |         |         |         |
| Total cropland .....  | farms, 2002   | 47,904     | 218     | 63      | 1,366   | 425     | 358     |
|   | 1997          | 49,199     | 219     | 68      | 1,428   | 454     | 278     |
| acres, 2002   |               | 7,983,574  | 27,453  | 9,832   | 198,162 | 49,683  | 35,565  |
|   | 1997          |            | 32,461  | 8,774   | 207,935 | 60,016  | 34,788  |
| Harvested cropland .....  | farms, 2002   | 38,244     | 180     | 48      | 1,147   | 373     | 282     |
|   | 1997          | 42,704     | 197     | 65      | 1,269   | 414     | 244     |
| acres, 2002   |               | 6,827,903  | 18,505  | 5,577   | 173,538 | 36,063  | 22,106  |
|   | 1997          | 6,989,300  | 19,780  | 6,445   | 182,651 | 41,746  | 22,439  |
| Cropland used only for pasture or grazing .....                 | farms, 2002   | 16,190     | 111     | 38      | 494     | 232     | 114     |
|   | 1997          | 17,556     | 116     | 35      | 497     | 233     | 109     |
| acres, 2002   |               | 409,296    | 5,513   | 3,807   | 7,462   | 6,797   | 2,955   |
|   | 1997          | 528,099    | 8,467   | 1,655   | 9,411   | 9,203   | 3,944   |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Baraga        | Barry   | Bay     | Benzie  | Berrien | Branch  | Calhoun |
|---|---------------|---------|---------|---------|---------|---------|---------|
| <b>F FARMS AND LAND IN FARMS</b>                                |               |         |         |         |         |         |         |
| Farms .....   | 63            | 1,063   | 787     | 181     | 1,093   | 1,123   | 1,147   |
| 1997  | 62            | 1,055   | 818     | 165     | 1,354   | 1,139   | 1,261   |
| Land in farms .....   | 15,174        | 181,766 | 186,118 | 23,055  | 174,009 | 253,690 | 239,913 |
| acres, 2002   |               |         |         |         |         |         |         |
| 1997  | 15,253        | 178,311 | 182,632 | 24,608  | 185,809 | 249,326 | 259,840 |
| Average size of farm .....                                      | 241           | 171     | 236     | 127     | 159     | 226     | 209     |
| acres, 2002   |               |         |         |         |         |         |         |
| 1997  | 246           | 169     | 223     | 149     | 137     | 219     | 206     |
| Estimated market value of land and buildings <sup>1</sup> ..... | 65            | 1,063   | 787     | 182     | 1,093   | 1,123   | 1,144   |
| farms, 2002   |               |         |         |         |         |         |         |
| 1997  | 63            | 1,057   | 817     | 167     | 1,357   | 1,139   | 1,256   |
| \$1,000, 2002   | 17,918        | 533,091 | 427,392 | 65,533  | 660,978 | 625,103 | 578,455 |
| 1997  | 13,248        | 308,232 | 301,620 | 48,906  | 372,826 | 316,694 | 356,735 |
| Average per farm .....  | 275,665       | 501,497 | 543,065 | 360,074 | 604,737 | 556,637 | 505,642 |
| dollars, 2002   |               |         |         |         |         |         |         |
| 1997  | 210,280       | 291,610 | 369,180 | 292,849 | 274,743 | 278,046 | 284,025 |
| Average per acre .....  | 1,241         | 2,557   | 2,573   | 3,075   | 3,898   | 2,452   | 2,314   |
| dollars, 2002   |               |         |         |         |         |         |         |
| 1997  | 866           | 1,826   | 1,639   | 2,108   | 1,960   | 1,366   | 1,344   |
| 2002 farms by value group:                                      |               |         |         |         |         |         |         |
| \$1 to \$49,999 .....   | 3             | 62      | 144     | -       | 127     | 12      | 90      |
| \$50,000 to \$99,999 .....                                      | 15            | 115     | 90      | 32      | 91      | 96      | 71      |
| \$100,000 to \$199,999 .....                                    | 20            | 295     | 177     | 43      | 250     | 414     | 354     |
| \$200,000 to \$499,999 .....                                    | 19            | 285     | 168     | 73      | 290     | 283     | 353     |
| \$500,000 to \$999,999 .....                                    | 5             | 209     | 93      | 25      | 128     | 182     | 141     |
| \$1,000,000 to \$1,999,999 .....                                | 3             | 50      | 48      | 7       | 123     | 69      | 94      |
| \$2,000,000 to \$4,999,999 .....                                | -             | 39      | 62      | 2       | 79      | 52      | 30      |
| \$5,000,000 to \$9,999,999 .....                                | -             | 7       | 3       | -       | 4       | 15      | 8       |
| \$10,000,000 or more .....                                      | -             | 1       | 2       | -       | 1       | -       | 3       |
| Approximate land area .....                                     | acres, 2002   | 578,558 | 355,926 | 284,317 | 205,640 | 365,440 | 324,744 |
| Proportion in farms .....                                       | percent, 2002 | 2.6     | 51.1    | 65.5    | 11.2    | 47.6    | 52.9    |
| 2002 size of farm:  |               |         |         |         |         |         |         |
| 1 to 9 acres .....  | farms         | -       | 58      | 51      | 12      | 105     | 52      |
| acres   |               |         | 299     | 213     | 56      | 509     | 275     |
| 10 to 49 acres .....  | farms         | 17      | 377     | 254     | 52      | 479     | 336     |
| acres   |               | 575     | 10,951  | 6,572   | 1,501   | 12,829  | 10,879  |
| 50 to 69 acres .....  | farms         | 2       | 111     | 60      | 20      | 87      | 113     |
| acres   |               | (D)     | 6,441   | 3,521   | 1,134   | 5,073   | 6,636   |
| 70 to 99 acres .....  | farms         | 9       | 130     | 80      | 32      | 94      | 150     |
| acres   |               | 750     | 10,571  | 6,507   | 2,664   | 7,682   | 12,186  |
| 100 to 139 acres .....  | farms         | 3       | 91      | 52      | 15      | 63      | 96      |
| acres   |               | 355     | 10,604  | 5,967   | 1,707   | 7,281   | 10,957  |
| 140 to 179 acres .....  | farms         | 3       | 79      | 38      | 11      | 67      | 97      |
| acres   |               | 490     | 12,324  | 5,914   | 1,733   | 10,244  | 10,355  |
| 180 to 219 acres .....  | farms         | 4       | 41      | 40      | 13      | 32      | 46      |
| acres   |               | 796     | 8,206   | 7,934   | 2,591   | 6,224   | 9,217   |
| 220 to 259 acres .....  | farms         | 1       | 29      | 25      | 4       | 23      | 29      |
| acres   |               | (D)     | 6,908   | 5,989   | (D)     | 5,525   | 6,839   |
| 260 to 499 acres .....  | farms         | 16      | 68      | 80      | 16      | 60      | 84      |
| acres   |               | 5,531   | 24,257  | 29,017  | 5,517   | 21,011  | 30,899  |
| 500 to 999 acres .....  | farms         | 6       | 46      | 60      | 4       | 52      | 66      |
| acres   |               | 4,127   | 31,941  | 42,656  | 2,914   | 37,570  | 46,320  |
| 1,000 to 1,999 acres .....                                      | farms         | 2       | 25      | 38      | 2       | 22      | 35      |
| acres   |               | (D)     | 36,176  | 48,622  | (D)     | 27,718  | 44,191  |
| 2,000 acres or more .....                                       | farms         | -       | 8       | 9       | -       | 9       | 24      |
| acres   |               | -       | 23,088  | 23,206  | -       | 32,343  | 64,936  |
| 1997 size of farm:  |               |         |         |         |         |         |         |
| 1 to 9 acres .....  | farms         | 1       | 42      | 52      | 9       | 136     | 60      |
| acres   |               | (D)     | 211     | 233     | (D)     | 687     | 242     |
| 10 to 49 acres .....  | farms         | 10      | 282     | 201     | 44      | 548     | 271     |
| acres   |               | 323     | 7,796   | 5,553   | 1,158   | 14,584  | 8,135   |
| 50 to 69 acres .....  | farms         | -       | 127     | 62      | 18      | 143     | 101     |
| acres   |               | -       | 7,390   | 3,680   | 1,061   | 8,442   | 5,847   |
| 70 to 99 acres .....  | farms         | 13      | 165     | 105     | 24      | 116     | 189     |
| acres   |               | 1,073   | 13,667  | 8,641   | 1,959   | 9,448   | 15,444  |
| 100 to 139 acres .....  | farms         | 4       | 119     | 83      | 16      | 108     | 111     |
| acres   |               | 460     | 13,796  | 9,631   | 1,877   | 12,898  | 12,863  |
| 140 to 179 acres .....  | farms         | 7       | 94      | 64      | 10      | 63      | 87      |
| acres   |               | 1,130   | 14,653  | 10,094  | 1,595   | 9,983   | 13,594  |
| 180 to 219 acres .....  | farms         | 6       | 35      | 35      | 6       | 46      | 63      |
| acres   |               | 1,202   | 7,033   | 6,933   | (D)     | 9,040   | 12,269  |
| 220 to 259 acres .....  | farms         | 2       | 29      | 33      | 9       | 38      | 33      |
| acres   |               | (D)     | 6,950   | 7,735   | 2,099   | 8,990   | 8,021   |
| 260 to 499 acres .....  | farms         | 6       | 87      | 79      | 19      | 87      | 102     |
| acres   |               | 2,077   | 29,765  | 29,364  | 6,768   | 30,915  | 36,858  |
| 500 to 999 acres .....  | farms         | 13      | 54      | 69      | 9       | 43      | 72      |
| acres   |               | 8,489   | 38,252  | 47,886  | 5,837   | 29,720  | 51,306  |
| 1,000 to 1,999 acres .....                                      | farms         | -       | 15      | 27      | 1       | 19      | 40      |
| acres   |               | -       | 21,724  | 33,901  | (D)     | 25,141  | 53,180  |
| 2,000 acres or more .....                                       | farms         | -       | 6       | 8       | -       | 7       | 10      |
| acres   |               | -       | 17,074  | 18,981  | -       | 25,961  | 31,567  |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |               |         |         |         |         |         |         |
| Total cropland .....  | farms, 2002   | 59      | 971     | 744     | 154     | 1,029   | 1,001   |
| 1997  | 60            | 933     | 773     | 145     | 1,269   | 1,037   | 1,145   |
| acres, 2002 .....   |               | 8,135   | 130,480 | 166,622 | 12,093  | 143,455 | 198,814 |
| 1997  | 8,500         | 133,697 | 167,473 | 12,817  | 154,722 | 194,959 | 190,347 |
| Harvested cropland .....  | farms, 2002   | 57      | 657     | 649     | 127     | 898     | 717     |
| 1997  | 59            | 720     | 710     | 124     | 1,158   | 815     | 842     |
| acres, 2002 .....   |               | 5,700   | 102,161 | 157,550 | 7,821   | 128,235 | 173,905 |
| 1997  | 5,709         | 100,028 | 156,548 | 8,488   | 132,344 | 167,303 | 164,984 |
| Cropland used only for pasture or grazing .....                 | farms, 2002   | 23      | 426     | 121     | 62      | 205     | 298     |
| 1997  | 24            | 434     | 96      | 59      | 238     | 370     | 456     |
| acres, 2002 .....   |               | 1,285   | 10,197  | 1,673   | 1,663   | 2,471   | 6,605   |
| 1997  | 2,194         | 12,973  | 1,821   | 1,738   | 4,646   | 9,455   | 7,725   |
|   |               |         |         |         |         |         | 14,752  |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass          | Charlevoix | Cheboygan | Chippewa | Clare   | Clinton | Crawford |
|---|---------------|------------|-----------|----------|---------|---------|----------|
| <b>F FARMS AND LAND IN FARMS</b>                                |               |            |           |          |         |         |          |
| Farms .....   | 808           | 299        | 268       | 372      | 414     | 1,179   | 47       |
| 1997  | 804           | 230        | 249       | 376      | 421     | 1,286   | 35       |
| Land in farms .....   | 189,127       | 38,799     | 50,050    | 93,924   | 64,365  | 255,673 | 6,308    |
| 1997  | 185,418       | 35,597     | 53,830    | 105,655  | 67,542  | 256,693 | 3,722    |
| Average size of farm .....                                      | 234           | 130        | 187       | 252      | 155     | 217     | 134      |
| 1997  | 231           | 155        | 216       | 281      | 160     | 200     | 106      |
| Estimated market value of land and buildings <sup>1</sup> ..... | 805           | 297        | 267       | 371      | 411     | 1,187   | 48       |
| 1997  | 805           | 227        | 249       | 376      | 418     | 1,292   | 35       |
| \$1,000, 2002   | 420,126       | 123,233    | 110,140   | 125,305  | 158,392 | 620,364 | 16,976   |
| 1997  | 300,609       | 50,824     | 58,813    | 95,543   | 99,113  | 430,102 | 5,515    |
| Average per farm .....  | 521,896       | 414,924    | 412,509   | 337,749  | 385,382 | 522,632 | 353,662  |
| 1997  | 373,427       | 223,896    | 236,197   | 254,104  | 237,113 | 332,896 | 157,563  |
| Average per acre .....  | 2,280         | 3,178      | 2,079     | 1,304    | 2,051   | 2,371   | 2,537    |
| 1997  | 1,610         | 1,464      | 1,093     | 904      | 1,474   | 1,586   | 1,916    |
| 2002 farms by value group:                                      |               |            |           |          |         |         |          |
| \$1 to \$49,999 .....   | 109           | 11         | 6         | 5        | 19      | 73      | -        |
| \$50,000 to \$99,999 .....                                      | 129           | 26         | 31        | 67       | 61      | 187     | 10       |
| \$100,000 to \$199,999 .....                                    | 167           | 40         | 64        | 93       | 146     | 258     | 21       |
| \$200,000 to \$499,999 .....                                    | 251           | 140        | 111       | 150      | 80      | 453     | 11       |
| \$500,000 to \$999,999 .....                                    | 57            | 64         | 33        | 24       | 52      | 95      | -        |
| \$1,000,000 to \$1,999,999 .....                                | 46            | 13         | 13        | 27       | 50      | 70      | 6        |
| \$2,000,000 to \$4,999,999 .....                                | 32            | 2          | 8         | 4        | 1       | 33      | -        |
| \$5,000,000 to \$9,999,999 .....                                | 11            | 1          | 1         | 1        | 2       | 14      | -        |
| \$10,000,000 or more .....                                      | 3             | -          | -         | -        | -       | 4       | -        |
| Approximate land area .....                                     | acres, 2002   | 314,995    | 266,778   | 457,983  | 999,080 | 362,749 | 365,733  |
| Proportion in farms .....                                       | percent, 2002 | 60.0       | 14.5      | 10.9     | 9.4     | 17.7    | 69.9     |
| 2002 size of farm:  |               |            |           |          |         |         |          |
| 1 to 9 acres .....  | farms         | 45         | 15        | 18       | 12      | 14      | 72       |
| acres   | 220           | 80         | 99        | 38       | 68      | 376     | 6        |
| 10 to 49 acres .....  | farms         | 291        | 111       | 76       | 50      | 114     | 394      |
| acres   | 8,301         | 3,329      | 2,175     | 1,527    | 3,597   | 10,869  | 493      |
| 50 to 69 acres .....  | farms         | 64         | 17        | 24       | 19      | 38      | 94       |
| acres   | 3,601         | 1,012      | (D)       | (D)      | (D)     | 5,457   | 304      |
| 70 to 99 acres .....  | farms         | 93         | 36        | 19       | 48      | 64      | 148      |
| acres   | 7,518         | 3,051      | 1,489     | 3,816    | 5,150   | 12,017  | 701      |
| 100 to 139 acres .....  | farms         | 52         | 29        | 17       | 49      | 60      | 104      |
| acres   | 6,074         | 3,306      | 1,971     | 5,819    | 6,922   | 12,198  | (D)      |
| 140 to 179 acres .....  | farms         | 48         | 33        | 25       | 33      | 32      | 70       |
| acres   | 7,542         | 5,247      | 3,859     | 5,168    | 5,136   | 11,070  | (D)      |
| 180 to 219 acres .....  | farms         | 30         | 13        | 22       | 21      | 50      | -        |
| acres   | 5,996         | 2,571      | 4,267     | 6,111    | 4,155   | 9,806   | -        |
| 220 to 259 acres .....  | farms         | 29         | 14        | 10       | 20      | 24      | 37       |
| acres   | 6,815         | 3,375      | 2,352     | 4,763    | 5,697   | 8,818   | -        |
| 260 to 499 acres .....  | farms         | 60         | 18        | 37       | 63      | 22      | 91       |
| acres   | 20,777        | 5,729      | 13,358    | 22,857   | 7,513   | 32,251  | (D)      |
| 500 to 999 acres .....  | farms         | 47         | 8         | 12       | 29      | 20      | 61       |
| acres   | 30,931        | 5,084      | 7,636     | 18,830   | 13,447  | 41,760  | 3,745    |
| 1,000 to 1,999 acres .....                                      | farms         | 38         | 5         | 7        | 16      | 3       | 40       |
| acres   | 53,265        | 6,015      | 7,898     | 21,759   | 4,155   | 53,333  | -        |
| 2,000 acres or more .....                                       | farms         | 11         | -         | 1        | 1       | 2       | 18       |
| acres   | 38,087        | -          | (D)       | (D)      | (D)     | 57,718  | -        |
| 1997 size of farm:  |               |            |           |          |         |         |          |
| 1 to 9 acres .....  | farms         | 52         | 12        | 9        | 6       | 16      | 73       |
| acres   | 260           | (D)        | (D)       | 14       | (D)     | 315     | 4        |
| 10 to 49 acres .....  | farms         | 206        | 46        | 49       | 45      | 96      | 341      |
| acres   | 5,767         | 1,256      | 1,426     | 1,431    | 2,918   | 9,555   | 465      |
| 50 to 69 acres .....  | farms         | 63         | 24        | 16       | 19      | 37      | 105      |
| acres   | 3,664         | 1,428      | 961       | 1,071    | 2,150   | 6,239   | 351      |
| 70 to 99 acres .....  | farms         | 100        | 38        | 34       | 56      | 71      | 199      |
| acres   | 8,216         | 3,111      | 2,758     | 4,523    | 5,727   | 16,207  | 227      |
| 100 to 139 acres .....  | farms         | 72         | 25        | 30       | 38      | 64      | 117      |
| acres   | 8,335         | 2,901      | 3,446     | 4,605    | 7,479   | 13,306  | (D)      |
| 140 to 179 acres .....  | farms         | 55         | 29        | 20       | 44      | 37      | 108      |
| acres   | 8,770         | 4,504      | 3,151     | 6,907    | 5,784   | 17,119  | (D)      |
| 180 to 219 acres .....  | farms         | 37         | 6         | 19       | 21      | 17      | 69       |
| acres   | 7,182         | 1,128      | 3,688     | 4,051    | (D)     | 13,676  | -        |
| 220 to 259 acres .....  | farms         | 35         | 12        | 20       | 22      | 28      | 39       |
| acres   | 8,306         | 2,890      | 4,690     | 5,280    | 6,587   | 9,225   | 2        |
| 260 to 499 acres .....  | farms         | 83         | 22        | 27       | 60      | 24      | 122      |
| acres   | 30,253        | 7,200      | 10,111    | 20,747   | 7,871   | 42,787  | -        |
| 500 to 999 acres .....  | farms         | 63         | 14        | 20       | 50      | 26      | 68       |
| acres   | 45,351        | 8,784      | 13,937    | 33,105   | 17,812  | 45,772  | (D)      |
| 1,000 to 1,999 acres .....                                      | farms         | 33         | 2         | 3        | 12      | 4       | 32       |
| acres   | 45,461        | (D)        | 3,800     | 16,735   | 5,131   | 41,701  | -        |
| 2,000 acres or more .....                                       | farms         | 5          | -         | 2        | 3       | 1       | 13       |
| acres   | 13,853        | -          | (D)       | 7,186    | (D)     | 40,791  | -        |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |               |            |           |          |         |         |          |
| Total cropland .....  | farms, 2002   | 727        | 277       | 236      | 338     | 372     | 1,114    |
| 1997  | 754           | 208        | 241       | 357      | 376     | 1,211   | 30       |
| acres, 2002   | 148,043       | 21,984     | 25,297    | 61,550   | 40,526  | 219,428 | 925      |
| 1997  | 147,885       | 20,081     | 29,562    | 72,541   | 44,255  | 219,847 | 865      |
| Harvested cropland .....  | farms, 2002   | 581        | 226       | 211      | 285     | 296     | 884      |
| 1997  | 669           | 183        | 216       | 336      | 320     | 1,086   | 23       |
| acres, 2002   | 130,854       | 14,087     | 17,413    | 34,734   | 25,565  | 200,538 | 401      |
| 1997  | 128,969       | 13,129     | 18,810    | 48,039   | 27,810  | 196,942 | 504      |
| Cropland used only for pasture or grazing .....                 | farms, 2002   | 261        | 140       | 97       | 181     | 199     | 244      |
| 1997  | 281           | 115        | 138       | 204      | 203     | 373     | 16       |
| acres, 2002   | 7,381         | 3,452      | 4,430     | 15,148   | 8,553   | 4,935   | 432      |
| 1997  | 10,642        | 4,198      | 6,216     | 16,066   | 11,138  | 8,360   | (D)      |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Delta         | Dickinson | Eaton   | Emmet   | Genesee | Gladwin | Gogebic |
|---|---------------|-----------|---------|---------|---------|---------|---------|
| <b>F FARMS AND LAND IN FARMS</b>                                |               |           |         |         |         |         |         |
| Farms .....   | number, 2002  | 273       | 146     | 1,221   | 274     | 1,051   | 534     |
| 1997  | 289           | 134       | 1,247   | 248     | 967     | 501     | 49      |
| Land in farms .....   | acres, 2002   | 74,242    | 28,658  | 238,188 | 43,665  | 142,756 | 72,056  |
| 1997  | 73,853        | 30,010    | 246,358 | 44,037  | 127,159 | 74,616  | 4,024   |
| Average size of farm .....                                      | acres, 2002   | 272       | 196     | 195     | 159     | 136     | 135     |
| 1997  | 256           | 224       | 198     | 178     | 131     | 149     | 82      |
| Estimated market value of land and buildings <sup>1</sup> ..... | farms, 2002   | 273       | 147     | 1,223   | 273     | 1,056   | 537     |
| 1997  | 289           | 134       | 1,248   | 246     | 967     | 501     | 62      |
| \$1,000, 2002 .....   | 105,255       | 42,043    | 637,387 | 125,742 | 541,066 | 140,203 | 7,504   |
| 1997  | 54,762        | 28,840    | 388,018 | 80,316  | 287,991 | 91,292  | 6,165   |
| Average per farm .....  | dollars, 2002 | 385,550   | 286,007 | 521,167 | 460,595 | 512,373 | 261,086 |
| 1997  | 189,487       | 215,225   | 310,912 | 326,487 | 297,819 | 182,219 | 153,151 |
| Average per acre .....  | dollars, 2002 | 1,445     | 1,407   | 2,838   | 2,983   | 3,853   | 2,177   |
| 1997  | 779           | 940       | 1,573   | 1,844   | 2,075   | 1,267   | 1,821   |
| 2002 farms by value group:                                      |               |           |         |         |         |         |         |
| \$1 to \$49,999 .....   |               | 7         | 2       | 151     | 15      | 52      | 65      |
| \$50,000 to \$99,999 .....                                      |               | 11        | 18      | 76      | 30      | 13      | 104     |
| \$100,000 to \$199,999 .....                                    |               | 147       | 40      | 295     | 68      | 204     | 147     |
| \$200,000 to \$499,999 .....                                    |               | 45        | 63      | 328     | 75      | 542     | 151     |
| \$500,000 to \$999,999 .....                                    |               | 35        | 20      | 217     | 57      | 130     | 50      |
| \$1,000,000 to \$1,999,999 .....                                |               | 22        | 4       | 105     | 19      | 78      | 12      |
| \$2,000,000 to \$4,999,999 .....                                |               | 6         | -       | 38      | 7       | 25      | 8       |
| \$5,000,000 to \$9,999,999 .....                                |               | -         | -       | 12      | 2       | 12      | -       |
| \$10,000,000 or more .....                                      |               | -         | -       | 1       | -       | -       | -       |
| Approximate land area .....                                     | acres, 2002   | 748,816   | 490,456 | 368,902 | 299,405 | 409,370 | 324,354 |
| Proportion in farms .....                                       | percent, 2002 | 9.9       | 5.8     | 64.6    | 14.6    | 34.9    | 22.2    |
| 2002 size of farm:  |               |           |         |         |         |         |         |
| 1 to 9 acres .....  | farms         | 12        | 11      | 58      | 16      | 76      | 13      |
| acres   | 39            | 51        | 325     | 73      | 358     | 77      | 26      |
| 10 to 49 acres .....  | farms         | 40        | 36      | 443     | 77      | 545     | 144     |
| acres   | 1,120         | 948       | 11,451  | 2,063   | 14,035  | 4,597   | 366     |
| 50 to 69 acres .....  | farms         | 17        | 10      | 96      | 25      | 110     | 48      |
| acres   | (D)           | 602       | 5,726   | 1,446   | 6,395   | 2,850   | 540     |
| 70 to 99 acres .....  | farms         | 29        | 8       | 162     | 36      | 96      | 112     |
| acres   | 2,383         | 688       | 13,223  | 2,899   | 7,929   | 9,265   | 762     |
| 100 to 139 acres .....  | farms         | 32        | 18      | 115     | 22      | 46      | 66      |
| acres   | 3,806         | 2,070     | 13,306  | 2,515   | 5,278   | 7,496   | 990     |
| 140 to 179 acres .....  | farms         | 30        | 10      | 54      | 28      | 38      | 41      |
| acres   | 4,689         | 1,642     | 8,483   | 4,366   | 6,050   | 6,480   | (D)     |
| 180 to 219 acres .....  | farms         | 18        | 7       | 38      | 5       | 23      | 29      |
| acres   | 3,533         | 1,328     | 7,441   | 1,021   | 4,549   | 5,628   | (D)     |
| 220 to 259 acres .....  | farms         | 7         | 8       | 42      | 12      | 12      | 21      |
| acres   | 1,632         | 1,842     | 9,827   | 2,816   | 2,883   | 4,875   | (D)     |
| 260 to 499 acres .....  | farms         | 46        | 27      | 103     | 36      | 36      | 34      |
| acres   | 16,090        | 9,963     | 37,750  | 12,459  | 12,138  | 11,311  | (D)     |
| 500 to 999 acres .....  | farms         | 27        | 7       | 64      | 12      | 38      | 21      |
| acres   | 19,910        | 4,824     | 43,728  | 7,699   | 26,281  | 13,810  | -       |
| 1,000 to 1,999 acres .....                                      | farms         | 14        | 4       | 33      | 5       | 21      | 5       |
| acres   | 17,827        | 4,700     | 44,433  | 6,308   | 27,097  | 5,667   | -       |
| 2,000 acres or more .....                                       | farms         | 1         | -       | 13      | -       | 10      | -       |
| acres   | (D)           | -         | 42,495  | -       | 29,763  | -       | -       |
| 1997 size of farm:  |               |           |         |         |         |         |         |
| 1 to 9 acres .....  | farms         | 12        | 5       | 86      | 13      | 74      | 11      |
| acres   | 56            | 20        | 403     | 64      | 381     | 30      | 10      |
| 10 to 49 acres .....  | farms         | 36        | 34      | 375     | 50      | 439     | 106     |
| acres   | 981           | 973       | 10,115  | 1,481   | 11,251  | 3,366   | 391     |
| 50 to 69 acres .....  | farms         | 14        | 9       | 95      | 22      | 103     | 26      |
| acres   | 803           | 532       | 5,630   | 1,303   | 5,971   | 1,589   | 788     |
| 70 to 99 acres .....  | farms         | 36        | 10      | 163     | 45      | 109     | 107     |
| acres   | 2,924         | 805       | 13,327  | 3,832   | 8,824   | 8,612   | 1,183   |
| 100 to 139 acres .....  | farms         | 34        | 10      | 118     | 23      | 57      | 67      |
| acres   | 4,034         | 1,076     | 13,630  | 2,655   | 6,560   | 7,718   | 1,175   |
| 140 to 179 acres .....  | farms         | 31        | 7       | 67      | 23      | 44      | 60      |
| acres   | 4,858         | (D)       | 10,365  | 3,623   | 6,986   | 9,367   | 779     |
| 180 to 219 acres .....  | farms         | 23        | 6       | 63      | 9       | 26      | 38      |
| acres   | 4,465         | 1,148     | 12,280  | 1,764   | 5,140   | 7,441   | 1,010   |
| 220 to 259 acres .....  | farms         | 12        | 12      | 47      | 8       | 17      | 24      |
| acres   | 2,921         | 2,806     | 11,200  | 1,874   | 3,928   | 5,671   | -       |
| 260 to 499 acres .....  | farms         | 51        | 28      | 130     | 38      | 45      | 40      |
| acres   | 18,837        | 10,211    | 47,026  | 13,468  | 15,593  | 14,365  | -       |
| 500 to 999 acres .....  | farms         | 29        | 11      | 59      | 12      | 28      | 19      |
| acres   | 19,493        | 8,326     | 42,326  | 8,169   | 18,994  | 12,432  | -       |
| 1,000 to 1,999 acres .....                                      | farms         | 11        | 2       | 32      | 5       | 18      | 3       |
| acres   | 14,481        | (D)       | 42,873  | 5,804   | 23,644  | 4,025   | -       |
| 2,000 acres or more .....                                       | farms         | -         | -       | 12      | 7       | -       | -       |
| acres   | -             | -         | 37,183  | -       | 19,887  | -       | -       |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |               |           |         |         |         |         |         |
| Total cropland .....  | farms, 2002   | 263       | 130     | 1,106   | 232     | 908     | 509     |
| 1997  | 263           | 132       | 1,137   | 225     | 871     | 469     | 52      |
| acres, 2002   | 41,604        | 13,855    | 193,839 | 25,395  | 116,264 | 51,930  | 1,984   |
| 1997  | 42,357        | 13,912    | 201,485 | 27,283  | 105,675 | 52,586  | 2,693   |
| Harvested cropland .....  | farms, 2002   | 231       | 104     | 847     | 200     | 682     | 384     |
| 1997  | 245           | 120       | 941     | 208     | 746     | 399     | 48      |
| acres, 2002   | 26,570        | 9,371     | 171,242 | 17,568  | 99,799  | 30,837  | 1,127   |
| 1997  | 29,478        | 9,590     | 169,337 | 17,324  | 89,191  | 34,809  | 1,592   |
| Cropland used only for pasture or grazing .....                 | farms, 2002   | 152       | 63      | 363     | 127     | 359     | 247     |
| 1997  | 163           | 64        | 411     | 123     | 329     | 265     | 26      |
| acres, 2002   | 10,350        | 1,634     | 6,883   | 5,393   | 5,278   | 10,868  | 634     |
| 1997  | 9,363         | 1,871     | 11,028  | 7,303   | 5,541   | 9,976   | 580     |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand<br>Traverse | Gratiot | Hillsdale | Houghton | Huron   | Ingham  | Ionia   | Iosco   |        |
|---|-------------------|---------|-----------|----------|---------|---------|---------|---------|--------|
| <b>F FARMS AND LAND IN FARMS</b>                                |                   |         |           |          |         |         |         |         |        |
| Farms .....   | 489               | 1,018   | 1,509     | 158      | 1,189   | 1,018   | 1,146   | 285     |        |
| 1997  | 485               | 985     | 1,439     | 155      | 1,292   | 974     | 1,161   | 278     |        |
| Land in farms .....   | 62,268            | 288,932 | 275,316   | 25,856   | 431,984 | 185,291 | 230,102 | 44,556  |        |
| 1997  | 66,997            | 284,828 | 268,384   | 26,173   | 431,158 | 199,297 | 249,268 | 45,901  |        |
| Average size of farm .....                                      | 127               | 284     | 182       | 164      | 363     | 182     | 201     | 156     |        |
| 1997  | 138               | 289     | 187       | 169      | 334     | 205     | 215     | 165     |        |
| Estimated market value of land and buildings <sup>1</sup> ..... | 482               | 1,019   | 1,504     | 160      | 1,184   | 1,024   | 1,145   | 284     |        |
| 1997  | 484               | 986     | 1,436     | 153      | 1,287   | 973     | 1,163   | 277     |        |
| \$1,000, 2002 .....   | 268,928           | 607,966 | 689,495   | 31,825   | 833,587 | 562,045 | 659,997 | 104,721 |        |
| 1997  | 146,537           | 406,033 | 364,561   | 23,931   | 729,362 | 348,846 | 358,438 | 53,302  |        |
| Average per farm .....  | 557,942           | 596,630 | 458,441   | 198,904  | 704,043 | 548,872 | 576,416 | 368,737 |        |
| 1997  | 302,763           | 411,799 | 253,873   | 156,412  | 566,715 | 358,526 | 308,201 | 192,426 |        |
| Average per acre .....  | 4,139             | 2,020   | 2,400     | 1,326    | 1,998   | 2,879   | 2,786   | 2,280   |        |
| 1997  | 2,041             | 1,406   | 1,305     | 862      | 1,685   | 1,704   | 1,470   | 1,283   |        |
| 2002 farms by value group:                                      |                   |         |           |          |         |         |         |         |        |
| \$1 to \$49,999 .....   | 47                | 45      | 59        | 22       | 132     | 117     | 125     | 28      |        |
| \$50,000 to \$99,999 .....                                      | 55                | 154     | 298       | 15       | 86      | 97      | 90      | 21      |        |
| \$100,000 to \$199,999 .....                                    | 94                | 300     | 468       | 71       | 229     | 185     | 265     | 103     |        |
| \$200,000 to \$499,999 .....                                    | 134               | 278     | 362       | 43       | 330     | 322     | 320     | 69      |        |
| \$500,000 to \$999,999 .....                                    | 88                | 107     | 165       | 7        | 164     | 213     | 179     | 36      |        |
| \$1,000,000 to \$1,999,999 .....                                | 42                | 70      | 79        | 1        | 139     | 47      | 100     | 23      |        |
| \$2,000,000 to \$4,999,999 .....                                | 14                | 44      | 61        | 1        | 89      | 25      | 53      | 3       |        |
| \$5,000,000 to \$9,999,999 .....                                | 7                 | 20      | 11        | -        | 12      | 14      | 10      | 1       |        |
| \$10,000,000 or more .....                                      | 1                 | 1       | 1         | -        | 3       | 4       | 3       | -       |        |
| Approximate land area .....                                     | acres, 2002       | 297,645 | 364,882   | 383,260  | 647,501 | 535,371 | 357,880 | 366,857 |        |
| Proportion in farms .....                                       | percent, 2002     | 20.9    | 79.2      | 71.8     | 4.0     | 80.7    | 51.8    | 62.7    |        |
| 2002 size of farm:  |                   |         |           |          |         |         |         |         |        |
| 1 to 9 acres .....  | farms             | 55      | 39        | 59       | 6       | 73      | 99      | 70      |        |
| acres   |                   | 296     | 202       | 309      | 19      | 308     | 423     | 314     |        |
| 10 to 49 acres .....  | farms             | 189     | 323       | 546      | 40      | 276     | 460     | 404     |        |
| acres   |                   | 4,957   | 9,674     | 16,243   | 1,364   | 8,320   | 11,803  | 11,516  |        |
| 50 to 69 acres .....  | farms             | 37      | 89        | 150      | 11      | 73      | 100     | 113     |        |
| acres   |                   | 2,162   | 5,220     | 8,665    | (D)     | 4,291   | 5,848   | 6,568   |        |
| 70 to 99 acres .....  | farms             | 74      | 127       | 227      | 12      | 122     | 76      | 127     |        |
| acres   |                   | 5,986   | 10,366    | 18,601   | 991     | 9,788   | 6,176   | 10,388  |        |
| 100 to 139 acres .....  | farms             | 33      | 88        | 141      | 29      | 93      | 49      | 108     |        |
| acres   |                   | 3,749   | 10,276    | 16,409   | 3,482   | 10,872  | 5,811   | 12,601  |        |
| 140 to 179 acres .....  | farms             | 22      | 58        | 86       | 12      | 64      | 29      | 50      |        |
| acres   |                   | 3,483   | 9,209     | 13,282   | 1,884   | 10,033  | 4,488   | 7,891   |        |
| 180 to 219 acres .....  | farms             | 12      | 27        | 45       | 12      | 52      | 35      | 38      |        |
| acres   |                   | 2,373   | 5,360     | 8,936    | 2,415   | 10,467  | 7,038   | 7,531   |        |
| 220 to 259 acres .....  | farms             | 7       | 27        | 30       | 7       | 31      | 30      | 32      |        |
| acres   |                   | 1,619   | 6,501     | 7,106    | 1,680   | 7,274   | 7,194   | 7,646   |        |
| 260 to 499 acres .....  | farms             | 35      | 84        | 103      | 21      | 148     | 54      | 82      |        |
| acres   |                   | 12,244  | 29,928    | 37,829   | 6,750   | 53,409  | 19,927  | 28,766  |        |
| 500 to 999 acres .....  | farms             | 17      | 80        | 60       | 6       | 142     | 50      | 73      |        |
| acres   |                   | 11,446  | 56,799    | 43,335   | 3,961   | 101,307 | 34,311  | 51,511  |        |
| 1,000 to 1,999 acres .....                                      | farms             | 5       | 49        | 47       | 2       | 89      | 20      | 41      |        |
| acres   |                   | 5,723   | 67,197    | 65,336   | (D)     | 122,490 | 29,182  | 52,190  |        |
| 2,000 acres or more .....                                       | farms             | 3       | 27        | 15       | -       | 26      | 16      | 8       |        |
| acres   |                   | 8,230   | 78,200    | 39,265   | -       | 93,425  | 53,090  | 33,180  |        |
| 1997 size of farm:  |                   |         |           |          |         |         |         |         |        |
| 1 to 9 acres .....  | farms             | 41      | 69        | 70       | 6       | 75      | 73      | 64      |        |
| acres   |                   | (D)     | 264       | 304      | (D)     | 313     | 330     | 274     |        |
| 10 to 49 acres .....  | farms             | 163     | 215       | 405      | 30      | 221     | 375     | 299     |        |
| acres   |                   | 4,331   | 6,854     | 12,226   | 1,054   | 6,688   | 9,314   | 8,418   |        |
| 50 to 69 acres .....  | farms             | 35      | 84        | 143      | 11      | 65      | 76      | 95      |        |
| acres   |                   | 2,023   | 4,802     | 8,310    | 668     | 3,844   | 4,421   | 5,662   |        |
| 70 to 99 acres .....  | farms             | 70      | 121       | 239      | 24      | 143     | 95      | 148     |        |
| acres   |                   | 5,689   | 9,876     | 19,690   | 1,965   | 11,769  | 7,624   | 12,034  |        |
| 100 to 139 acres .....  | farms             | 49      | 91        | 146      | 24      | 118     | 66      | 171     |        |
| acres   |                   | 5,559   | 10,464    | 17,012   | 2,849   | 13,760  | 7,735   | 19,940  |        |
| 140 to 179 acres .....  | farms             | 30      | 70        | 97       | 16      | 79      | 53      | 64      |        |
| acres   |                   | 4,703   | 11,175    | 15,282   | 2,522   | 12,373  | 8,393   | 10,026  |        |
| 180 to 219 acres .....  | farms             | 20      | 38        | 70       | 7       | 84      | 40      | 58      |        |
| acres   |                   | 3,896   | 7,465     | 13,820   | 1,324   | 16,392  | 8,014   | 11,445  |        |
| 220 to 259 acres .....  | farms             | 9       | 29        | 51       | 5       | 42      | 24      | 34      |        |
| acres   |                   | (D)     | 6,899     | 12,237   | 1,215   | 10,045  | 5,676   | 8,041   |        |
| 260 to 499 acres .....  | farms             | 43      | 109       | 99       | 26      | 212     | 83      | 107     |        |
| acres   |                   | 15,185  | 40,406    | 35,133   | 8,357   | 77,591  | 30,310  | 38,502  |        |
| 500 to 999 acres .....  | farms             | 17      | 92        | 70       | 4       | 151     | 52      | 76      |        |
| acres   |                   | 11,178  | 63,158    | 50,802   | 2,365   | 106,583 | 35,021  | 51,832  |        |
| 1,000 to 1,999 acres .....                                      | farms             | 7       | 47        | 37       | 1       | 83      | 23      | 34      |        |
| acres   |                   | 9,357   | 63,874    | 51,133   | (D)     | 109,313 | 30,298  | 42,321  |        |
| 2,000 acres or more .....                                       | farms             | 1       | 20        | 12       | 1       | 19      | 14      | 11      |        |
| acres   |                   | (D)     | 59,591    | 32,435   | (D)     | 62,487  | 52,161  | 40,773  |        |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |                   |         |           |          |         |         |         |         |        |
| Total cropland .....  | farms, 2002       | 452     | 935       | 1,357    | 141     | 1,057   | 869     | 1,025   |        |
| 1997  | 449               | 903     | 1,304     | 142      | 1,176   | 874     | 1,070   | 259     |        |
| acres, 2002 .....   |                   | 42,696  | 253,632   | 216,626  | 12,661  | 394,344 | 155,344 | 190,404 | 31,779 |
| 1997  | 44,760            | 249,890 | 216,516   | 13,447   | 387,446 | 165,120 | 205,925 | 30,402  |        |
| Harvested cropland .....  | farms, 2002       | 378     | 736       | 865      | 113     | 800     | 739     | 807     | 218    |
| 1997  | 407               | 776     | 882       | 125      | 1,019   | 787     | 912     | 216     |        |
| acres, 2002 .....   |                   | 30,152  | 235,525   | 173,208  | 8,614   | 366,484 | 143,491 | 169,995 | 22,375 |
| 1997  | 34,794            | 230,390 | 170,816   | 8,943    | 357,725 | 148,693 | 179,310 | 19,394  |        |
| Cropland used only for pasture or grazing .....                 | farms, 2002       | 125     | 174       | 380      | 69      | 147     | 325     | 358     | 138    |
| 1997  | 127               | 183     | 394       | 75       | 224     | 338     | 386     | 4,681   | 151    |
| acres, 2002 .....   |                   | 3,074   | 3,188     | 10,456   | 1,959   | 3,637   | 5,091   | 6,589   | 7,200  |
| 1997  | 3,881             | 4,292   | 9,912     | 2,413    | 9,107   | 8,032   | 9,827   |         |        |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron          | Isabella | Jackson | Kalamazoo | Kalkaska | Kent    | Keweenaw | Lake    |
|---|---------------|----------|---------|-----------|----------|---------|----------|---------|
| <b>F FARMS AND LAND IN FARMS</b>                                |               |          |         |           |          |         |          |         |
| Farms .....   | 106           | 953      | 1,265   | 808       | 175      | 1,212   | 11       | 173     |
| 1997  | 103           | 1,038    | 1,165   | 809       | 162      | 1,343   | 8        | 153     |
| Land in farms .....   | 31,382        | 195,432  | 193,011 | 148,206   | 24,104   | 173,381 | 710      | 23,378  |
| 1997  | 25,944        | 227,650  | 193,130 | 154,185   | 23,129   | 197,951 | (D)      | 26,383  |
| Average size of farm .....                                      | 296           | 205      | 153     | 183       | 138      | 143     | 65       | 135     |
| 1997  | 252           | 219      | 166     | 191       | 143      | 147     | (D)      | 172     |
| Estimated market value of land and buildings <sup>1</sup> ..... | 107           | 957      | 1,267   | 808       | 170      | 1,210   | 11       | 172     |
| 1997  | 103           | 1,039    | 1,169   | 812       | 162      | 1,349   | 7        | 152     |
| \$1,000, 2002   | 43,860        | 386,782  | 574,598 | 585,211   | 48,399   | 741,083 | 1,664    | 52,870  |
| 1997  | 17,917        | 284,152  | 317,407 | 341,555   | 26,838   | 581,711 | 580      | 28,448  |
| Average per farm .....  | 409,911       | 404,161  | 453,511 | 724,272   | 284,699  | 612,465 | 151,254  | 307,384 |
| 1997  | 173,951       | 273,486  | 271,520 | 420,634   | 165,669  | 431,217 | 82,808   | 187,155 |
| Average per acre .....  | 1,494         | 2,004    | 2,902   | 3,535     | 2,175    | 4,023   | 2,218    | 2,213   |
| 1997  | 687           | 1,249    | 1,596   | 2,122     | 1,144    | 2,799   | 1,449    | 1,013   |
| 2002 farms by value group:                                      |               |          |         |           |          |         |          |         |
| \$1 to \$49,999 .....   | 7             | 138      | 116     | 104       | 9        | 71      | -        | 5       |
| \$50,000 to \$99,999 .....                                      | 9             | 76       | 79      | 17        | 36       | 34      | 2        | 10      |
| \$100,000 to \$199,999 .....                                    | 44            | 320      | 378     | 172       | 60       | 212     | 6        | 61      |
| \$200,000 to \$499,999 .....                                    | 28            | 243      | 411     | 189       | 46       | 594     | 3        | 76      |
| \$500,000 to \$999,999 .....                                    | 14            | 105      | 171     | 102       | 10       | 111     | -        | 15      |
| \$1,000,000 to \$1,999,999 .....                                | 1             | 40       | 72      | 131       | 7        | 108     | -        | 4       |
| \$2,000,000 to \$4,999,999 .....                                | 3             | 30       | 33      | 85        | 2        | 68      | -        | 1       |
| \$5,000,000 to \$9,999,999 .....                                | 1             | 4        | 4       | 6         | -        | 8       | -        | -       |
| \$10,000,000 or more .....                                      | -             | 1        | 3       | 2         | -        | 4       | -        | -       |
| Approximate land area .....                                     | acres, 2002   | 746,467  | 367,535 | 452,222   | 359,593  | 359,050 | 547,952  | 346,224 |
| Proportion in farms .....                                       | percent, 2002 | 4.2      | 53.2    | 42.7      | 41.2     | 6.7     | 31.6     | (Z)     |
| 2002 size of farm:  |               |          |         |           |          |         |          |         |
| 1 to 9 acres .....  | farms         | 3        | 27      | 66        | 78       | 5       | 112      | -       |
| acres   |               | 18       | 116     | 272       | 412      | 31      | 572      | -       |
| 10 to 49 acres .....  | farms         | 24       | 269     | 518       | 356      | 62      | 512      | 6       |
| acres   | (D)           | 8,066    | 13,600  | 8,871     | 1,770    | 13,205  | (D)      | 1,318   |
| 50 to 69 acres .....  | farms         | 3        | 71      | 130       | 64       | 13      | 102      | -       |
| acres   |               | 195      | 4,158   | 7,404     | 3,719    | 736     | 6,022    | 841     |
| 70 to 99 acres .....  | farms         | 15       | 133     | 152       | 67       | 29      | 126      | 21      |
| acres   |               | 1,190    | 10,775  | 12,448    | 5,477    | 2,296   | 10,444   | (D)     |
| 100 to 139 acres .....  | farms         | 10       | 102     | 93        | 48       | 24      | 85       | -       |
| acres   |               | 1,247    | 11,801  | 10,756    | 5,525    | 2,747   | 9,919    | -       |
| 140 to 179 acres .....  | farms         | 15       | 65      | 75        | 27       | 4       | 69       | 3       |
| acres   |               | 2,442    | 10,135  | 11,674    | 4,320    | (D)     | 11,028   | 420     |
| 180 to 219 acres .....  | farms         | 7        | 51      | 47        | 23       | 7       | 27       | -       |
| acres   |               | 1,391    | 10,129  | 9,110     | 4,465    | 1,398   | 5,142    | 1,528   |
| 220 to 259 acres .....  | farms         | 5        | 35      | 35        | 18       | 16      | 33       | 8       |
| acres   |               | 1,189    | 8,277   | 8,146     | 4,113    | 3,720   | 7,896    | -       |
| 260 to 499 acres .....  | farms         | 13       | 114     | 73        | 50       | 8       | 79       | -       |
| acres   |               | 4,858    | 42,377  | 25,878    | 17,718   | 2,634   | 27,104   | -       |
| 500 to 999 acres .....  | farms         | 6        | 60      | 41        | 40       | 2       | 36       | 9       |
| acres   |               | 3,894    | 40,636  | 29,052    | 30,030   | (D)     | 24,451   | -       |
| 1,000 to 1,999 acres .....                                      | farms         | 1        | 21      | 26        | 28       | 5       | 23       | -       |
| acres   | (D)           | 30,201   | 33,260  | 37,570    | 6,817    | -       | 32,528   | -       |
| 2,000 acres or more .....                                       | farms         | 4        | 5       | 9         | 9        | -       | 8        | -       |
| acres   |               | 12,514   | 18,761  | 31,411    | 25,986   | -       | 25,070   | -       |
| 1997 size of farm:  |               |          |         |           |          |         |          |         |
| 1 to 9 acres .....  | farms         | 2        | 40      | 57        | 85       | 8       | 125      | -       |
| acres   | (D)           | 181      | 264     | 386       | (D)      | 613     | -        | (D)     |
| 10 to 49 acres .....  | farms         | 18       | 236     | 385       | 296      | 45      | 481      | 5       |
| acres   |               | 609      | 7,249   | 10,580    | 7,349    | 1,267   | 12,579   | (D)     |
| 50 to 69 acres .....  | farms         | 4        | 50      | 123       | 65       | 11      | 131      | -       |
| acres   | (D)           | 2,895    | 7,220   | 3,850     | 603      | 7,627   | -        | 452     |
| 70 to 99 acres .....  | farms         | 11       | 156     | 124       | 76       | 34      | 151      | 1       |
| acres   |               | 893      | 12,643  | 10,135    | 6,144    | 2,718   | 12,387   | (D)     |
| 100 to 139 acres .....  | farms         | 9        | 125     | 117       | 57       | 16      | 110      | 2       |
| acres   |               | 1,060    | 14,298  | 14,011    | 6,563    | 1,827   | 12,727   | (D)     |
| 140 to 179 acres .....  | farms         | 19       | 82      | 99        | 45       | 12      | 78       | -       |
| acres   |               | 3,121    | 12,865  | 15,465    | 7,170    | 1,903   | 12,404   | -       |
| 180 to 219 acres .....  | farms         | 3        | 60      | 62        | 28       | 8       | 53       | -       |
| acres   |               | 610      | 11,829  | 12,256    | 5,559    | 1,638   | 10,500   | 1,236   |
| 220 to 259 acres .....  | farms         | 5        | 51      | 32        | 15       | 6       | 40       | 3       |
| acres   |               | 1,199    | 12,030  | 7,593     | 3,608    | 1,426   | 9,588    | 713     |
| 260 to 499 acres .....  | farms         | 20       | 119     | 87        | 51       | 16      | 95       | 24      |
| acres   |               | 7,263    | 43,500  | 30,408    | 18,556   | 5,163   | 34,359   | -       |
| 500 to 999 acres .....  | farms         | 8        | 81      | 54        | 58       | 2       | 45       | 7       |
| acres   |               | 5,462    | 53,863  | 38,055    | 39,749   | (D)     | 30,501   | -       |
| 1,000 to 1,999 acres .....                                      | farms         | 4        | 31      | 19        | 27       | 4       | 28       | 2       |
| acres   |               | 5,463    | 38,877  | 27,093    | 37,116   | 5,027   | 36,290   | -       |
| 2,000 acres or more .....                                       | farms         | -        | 7       | 6         | 6        | -       | 6        | -       |
| acres   | -             | 17,420   | 20,050  | 18,135    | -        | 18,376  | -        | -       |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |               |          |         |           |          |         |          |         |
| Total cropland .....  | farms, 2002   | 98       | 885     | 1,087     | 711      | 147     | 1,068    | 11      |
| 1997  | 93            | 963      | 1,062   | 747       | 148      | 1,211   | 8        | 138     |
| acres, 2002   |               | 14,741   | 156,359 | 144,956   | 118,906  | 13,458  | 132,833  | 566     |
| 1997  | 12,692        | 183,408  | 145,473 | 125,303   | 14,222   | 157,677 | 161      | 13,545  |
| Harvested cropland .....  | farms, 2002   | 84       | 706     | 876       | 587      | 114     | 853      | 6       |
| 1997  | 85            | 835      | 904     | 668       | 131      | 1,062   | 8        | 117     |
| acres, 2002   |               | 7,449    | 134,046 | 122,240   | 106,849  | 8,317   | 111,584  | 86      |
| 1997  | 8,027         | 152,763  | 123,963 | 112,359   | 10,132   | 132,999 | 74       | 9,062   |
| Cropland used only for pasture or grazing .....                 | farms, 2002   | 57       | 283     | 438       | 223      | 63      | 444      | 5       |
| 1997  | 56            | 345      | 434     | 258       | 56       | 468     | 4        | 72      |
| acres, 2002   |               | 3,135    | 6,702   | 10,307    | 4,901    | 1,595   | 8,290    | 355     |
| 1997  | 3,382         | 12,945   | 11,078  | 6,444     | 1,473    | 11,851  | (D)      | 3,657   |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer        | Leelanau | Lenawee | Livingston | Luce    | Mackinac | Macomb  | Manistee |
|---|---------------|----------|---------|------------|---------|----------|---------|----------|
| <b>F FARMS AND LAND IN FARMS</b>                                |               |          |         |            |         |          |         |          |
| Farms .....   | 1,187         | 429      | 1,446   | 877        | 30      | 76       | 512     | 315      |
| 1997  | 1,228         | 420      | 1,516   | 771        | 36      | 86       | 611     | 330      |
| Land in farms .....   | 189,264       | 62,406   | 353,083 | 96,310     | 10,262  | 20,410   | 67,969  | 46,442   |
| 1997  | 191,483       | 66,569   | 357,040 | 105,222    | (D)     | 23,332   | 74,614  | 51,758   |
| Average size of farm .....                                      | 159           | 145      | 244     | 110        | 342     | 269      | 133     | 147      |
| 1997  | 156           | 158      | 236     | 136        | (D)     | 271      | 122     | 157      |
| Estimated market value of land and buildings <sup>1</sup> ..... | 1,183         | 428      | 1,440   | 880        | 30      | 72       | 517     | 316      |
| 1997  | 1,223         | 423      | 1,514   | 768        | 36      | 86       | 608     | 331      |
| \$1,000, 2002   | 768,965       | 305,828  | 842,657 | 457,993    | 16,316  | 29,534   | 359,693 | 106,719  |
| 1997  | 486,055       | 204,028  | 647,278 | 281,088    | 10,965  | 16,367   | 246,918 | 73,309   |
| Average per farm .....  | 650,013       | 714,551  | 585,178 | 520,447    | 543,869 | 410,189  | 695,732 | 337,720  |
| 1997  | 397,428       | 482,336  | 427,528 | 365,999    | 304,570 | 190,313  | 406,116 | 221,478  |
| Average per acre .....  | 3,867         | 4,684    | 2,516   | 4,782      | 1,367   | 1,547    | 6,107   | 2,222    |
| 1997  | 2,461         | 3,166    | 1,744   | 2,483      | 921     | 680      | 3,493   | 1,378    |
| 2002 farms by value group:                                      |               |          |         |            |         |          |         |          |
| \$1 to \$49,999 .....   | 30            | 1        | 116     | 16         | 2       | 9        | 75      | 11       |
| \$50,000 to \$99,999 .....                                      | 45            | 7        | 141     | 71         | 3       | 8        | 15      | 41       |
| \$100,000 to \$199,999 .....                                    | 194           | 71       | 423     | 117        | 1       | 18       | 54      | 87       |
| \$200,000 to \$499,999 .....                                    | 585           | 147      | 408     | 433        | 12      | 18       | 182     | 111      |
| \$500,000 to \$999,999 .....                                    | 152           | 82       | 148     | 141        | 7       | 13       | 95      | 52       |
| \$1,000,000 to \$1,999,999 .....                                | 117           | 102      | 96      | 70         | 4       | 4        | 56      | 13       |
| \$2,000,000 to \$4,999,999 .....                                | 35            | 17       | 90      | 27         | 1       | 2        | 34      | 1        |
| \$5,000,000 to \$9,999,999 .....                                | 19            | -        | 17      | 4          | -       | -        | 5       | -        |
| \$10,000,000 or more .....                                      | 6             | 1        | 1       | 1          | -       | -        | 1       | -        |
| Approximate land area .....                                     | acres, 2002   | 418,691  | 223,020 | 480,321    | 363,775 | 577,973  | 653,813 | 307,480  |
| Proportion in farms .....                                       | percent, 2002 | 45.2     | 28.0    | 73.5       | 26.5    | 1.8      | 3.1     | 22.1     |
| 2002 size of farm:  |               |          |         |            |         |          |         |          |
| 1 to 9 acres .....  | farms         | 65       | 26      | 88         | 92      | 2        | 6       | 64       |
| acres   |               | 327      | 115     | 398        | 573     | (D)      | 25      | 243      |
| 10 to 49 acres .....  | farms         | 501      | 125     | 456        | 436     | 8        | 7       | 234      |
| acres   |               | 12,756   | 3,243   | 12,200     | 9,564   | 247      | 187     | 5,557    |
| 50 to 69 acres .....  | farms         | 97       | 45      | 137        | 67      | 1        | 6       | 39       |
| acres   |               | 5,701    | (D)     | 7,919      | (D)     | (D)      | 340     | 2,236    |
| 70 to 99 acres .....  | farms         | 137      | 54      | 166        | 82      | 2        | 13      | 33       |
| acres   |               | 11,166   | 4,410   | 13,501     | 6,555   | (D)      | 1,020   | 2,725    |
| 100 to 139 acres .....  | farms         | 94       | 37      | 133        | 55      | 2        | 9       | 22       |
| acres   |               | 10,741   | 4,286   | 15,727     | 6,163   | (D)      | 1,014   | 2,499    |
| 140 to 179 acres .....  | farms         | 63       | 43      | 69         | 26      | 1        | 8       | 15       |
| acres   |               | 10,052   | 6,807   | 10,907     | 4,024   | (D)      | 1,300   | 2,284    |
| 180 to 219 acres .....  | farms         | 34       | 29      | 41         | 19      | -        | 1       | 13       |
| acres   |               | 6,669    | 5,834   | 8,174      | 3,815   | -        | (D)     | 2,605    |
| 220 to 259 acres .....  | farms         | 21       | 16      | 44         | 22      | 3        | 1       | 9        |
| acres   |               | 4,975    | 3,856   | 10,558     | 5,197   | 702      | (D)     | 2,165    |
| 260 to 499 acres .....  | farms         | 73       | 33      | 114        | 38      | 4        | 15      | 53       |
| acres   |               | 24,764   | 11,719  | 41,584     | 13,394  | 1,456    | 5,316   | 18,805   |
| 500 to 999 acres .....  | farms         | 67       | 15      | 108        | 27      | 4        | 7       | 22       |
| acres   |               | 44,154   | 10,662  | 76,523     | 19,256  | 2,985    | 5,182   | 15,389   |
| 1,000 to 1,999 acres .....                                      | farms         | 27       | 5       | 68         | 11      | 3        | 2       | 5        |
| acres   |               | 35,900   | 6,422   | 95,403     | 16,167  | 4,245    | (D)     | 5,987    |
| 2,000 acres or more .....                                       | farms         | 8        | 1       | 22         | 2       | -        | 1       | 3        |
| acres   |               | 22,059   | (D)     | 60,189     | (D)     | -        | (D)     | 7,474    |
| 1997 size of farm:  |               |          |         |            |         |          |         |          |
| 1 to 9 acres .....  | farms         | 71       | 26      | 93         | 73      | 3        | 4       | 94       |
| acres   |               | 331      | (D)     | 403        | (D)     | (D)      | 12      | (D)      |
| 10 to 49 acres .....  | farms         | 440      | 95      | 404        | 363     | 10       | 11      | 223      |
| acres   |               | 11,298   | 2,579   | 11,167     | 7,777   | 313      | 396     | 5,273    |
| 50 to 69 acres .....  | farms         | 103      | 32      | 135        | 45      | 1        | 3       | 46       |
| acres   |               | 5,972    | 1,842   | 7,781      | 2,653   | (D)      | (D)     | 2,641    |
| 70 to 99 acres .....  | farms         | 155      | 57      | 149        | 65      | 3        | 9       | 69       |
| acres   |               | 12,526   | 4,720   | 12,167     | 5,350   | (D)      | 736     | 5,706    |
| 100 to 139 acres .....  | farms         | 115      | 55      | 172        | 48      | 3        | 6       | 36       |
| acres   |               | 13,462   | 6,452   | 19,997     | 5,540   | 336      | 685     | 4,182    |
| 140 to 179 acres .....  | farms         | 95       | 50      | 108        | 50      | -        | 13      | 28       |
| acres   |               | 14,777   | 7,834   | 16,930     | 7,818   | -        | 2,069   | 4,474    |
| 180 to 219 acres .....  | farms         | 49       | 30      | 56         | 23      | 1        | 10      | 18       |
| acres   |               | 9,592    | 5,952   | 11,058     | 4,583   | (D)      | 1,995   | (D)      |
| 220 to 259 acres .....  | farms         | 39       | 18      | 50         | 15      | 1        | 5       | 18       |
| acres   |               | 9,235    | 4,306   | 11,989     | 3,629   | (D)      | (D)     | 4,263    |
| 260 to 499 acres .....  | farms         | 81       | 39      | 148        | 54      | 7        | 14      | 49       |
| acres   |               | 27,798   | 13,618  | 54,561     | 18,208  | 2,590    | 5,113   | 18,236   |
| 500 to 999 acres .....  | farms         | 48       | 12      | 118        | 28      | 4        | 7       | 23       |
| acres   |               | 33,854   | 8,272   | 82,878     | 18,656  | 2,922    | 4,221   | 14,610   |
| 1,000 to 1,999 acres .....                                      | farms         | 27       | 4       | 70         | 15      | 2        | 3       | 6        |
| acres   |               | 38,468   | 4,944   | 91,876     | 19,807  | (D)      | 3,870   | 8,782    |
| 2,000 acres or more .....                                       | farms         | 5        | 2       | 13         | 2       | 1        | 1       | 1        |
| acres   |               | 14,170   | (D)     | 36,233     | (D)     | (D)      | (D)     | -        |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |               |          |         |            |         |          |         |          |
| Total cropland .....  | farms, 2002   | 1,051    | 396     | 1,307      | 691     | 25       | 66      | 459      |
| 1997  | 1,129         | 405      | 1,373   | 666        | 35      | 78       | 570     | 312      |
| acres, 2002   | 153,231       | 38,487   | 314,198 | 69,399     | 6,317   | 12,065   | 58,519  | 26,896   |
| 1997  | 154,267       | 41,080   | 319,517 | 80,049     | 6,747   | 14,529   | 63,406  | 30,436   |
| Harvested cropland .....  | farms, 2002   | 838      | 347     | 896        | 534     | 25       | 57      | 395      |
| 1997  | 966           | 380      | 1,089   | 551        | 35      | 74       | 504     | 246      |
| acres, 2002   | 130,962       | 27,272   | 279,999 | 59,729     | 4,029   | 8,164    | 51,755  | 19,091   |
| 1997  | 126,567       | 29,640   | 287,876 | 67,569     | 4,095   | 9,404    | 53,645  | 19,992   |
| Cropland used only for pasture or grazing .....                 | farms, 2002   | 461      | 80      | 265        | 304     | 11       | 37      | 120      |
| 1997  | 532           | 98       | 268     | 318        | 15      | 39       | 136     | 134      |
| acres, 2002   | 8,801         | 2,850    | 3,679   | 4,410      | 2,009   | 1,988    | 1,878   | 3,063    |
| 1997  | 11,631        | 3,157    | 5,007   | 6,695      | 2,206   | 2,996    | 1,902   | 4,314    |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Marquette     | Mason     | Mecosta | Menominee | Midland | Missaukee | Monroe  | Montcalm |         |
|---|---------------|-----------|---------|-----------|---------|-----------|---------|----------|---------|
| <b>F FARMS AND LAND IN FARMS</b>                                |               |           |         |           |         |           |         |          |         |
| Farms .....   | 160           | 478       | 794     | 372       | 510     | 412       | 1,183   | 1,139    |         |
| 1997  | 135           | 475       | 696     | 394       | 499     | 377       | 1,234   | 1,100    |         |
| Land in farms .....   | 30,073        | 79,621    | 119,777 | 98,755    | 84,910  | 97,792    | 217,421 | 255,306  |         |
| acres, 2002   | 29,846        | 83,256    | 120,224 | 114,131   | 87,391  | 94,026    | 222,761 | 251,036  |         |
| Average size of farm .....                                      | 188           | 167       | 151     | 265       | 166     | 237       | 184     | 224      |         |
| acres, 2002   | 221           | 175       | 173     | 290       | 175     | 249       | 181     | 228      |         |
| Estimated market value of land and buildings <sup>1</sup> ..... | 159           | 476       | 795     | 371       | 510     | 412       | 1,184   | 1,140    |         |
| 1997  | 135           | 476       | 695     | 393       | 497     | 377       | 1,236   | 1,101    |         |
| \$1,000, 2002 .....   | 48,517        | 169,221   | 279,213 | 139,532   | 217,680 | 190,163   | 685,251 | 578,665  |         |
| 1997  | 31,433        | 110,332   | 138,839 | 85,199    | 166,644 | 97,032    | 516,579 | 322,683  |         |
| Average per farm .....  | 305,139       | 355,507   | 351,212 | 376,098   | 426,823 | 461,562   | 578,759 | 507,601  |         |
| dollars, 2002   | 232,835       | 231,790   | 199,768 | 216,791   | 335,300 | 257,378   | 417,944 | 293,082  |         |
| Average per acre .....  | 1,632         | 1,983     | 2,202   | 1,322     | 2,607   | 2,199     | 3,152   | 2,205    |         |
| dollars, 2002   | 1,075         | 1,140     | 1,273   | 767       | 1,613   | 1,022     | 2,345   | 1,272    |         |
| 2002 farms by value group:                                      |               |           |         |           |         |           |         |          |         |
| \$1 to \$49,999 .....   | 14            | 12        | 23      | 21        | 42      | 21        | 78      | 106      |         |
| \$50,000 to \$99,999 .....                                      | 28            | 31        | 115     | 13        | 110     | 95        | 55      | 155      |         |
| \$100,000 to \$199,999 .....                                    | 38            | 142       | 204     | 119       | 160     | 74        | 309     | 291      |         |
| \$200,000 to \$499,999 .....                                    | 58            | 202       | 301     | 142       | 109     | 116       | 418     | 326      |         |
| \$500,000 to \$999,999 .....                                    | 15            | 56        | 121     | 55        | 52      | 69        | 189     | 138      |         |
| \$1,000,000 to \$1,999,999 .....                                | 3             | 27        | 25      | 11        | 11      | 27        | 56      | 62       |         |
| \$2,000,000 to \$4,999,999 .....                                | 3             | 6         | 5       | 10        | 23      | 9         | 70      | 50       |         |
| \$5,000,000 to \$9,999,999 .....                                | -             | -         | -       | -         | 3       | -         | 7       | 7        |         |
| \$10,000,000 or more .....                                      | -             | -         | 1       | -         | -       | 1         | 2       | 5        |         |
| Approximate land area .....                                     | acres, 2002   | 1,165,473 | 316,907 | 355,644   | 667,853 | 333,564   | 362,717 | 352,704  |         |
| Proportion in farms .....                                       | percent, 2002 | 2.6       | 25.1    | 33.7      | 14.8    | 25.5      | 27.0    | 61.6     |         |
| 2002 size of farm:  |               |           |         |           |         |           |         |          |         |
| 1 to 9 acres .....  | farms         | 6         | 20      | 4         | 11      | 30        | 18      | 114      |         |
| acres   |               | 27        | 76      | 20        | 39      | 169       | 85      | 596      |         |
| 10 to 49 acres .....  | farms         | 57        | 137     | 213       | 53      | 192       | 79      | 492      |         |
| acres   |               | 1,782     | 4,048   | 6,267     | 1,529   | 5,307     | 2,012   | 11,910   |         |
| 50 to 69 acres .....  | farms         | 9         | 42      | 57        | 16      | 38        | 28      | 82       |         |
| acres   |               | (D)       | 2,480   | (D)       | (D)     | 2,156     | (D)     | 4,854    |         |
| 70 to 99 acres .....  | farms         | 20        | 76      | 177       | 46      | 74        | 54      | 84       |         |
| acres   |               | 1,677     | 6,103   | 14,149    | 3,740   | 5,986     | 4,326   | 6,938    |         |
| 100 to 139 acres .....  | farms         | 11        | 51      | 87        | 42      | 39        | 50      | 69       |         |
| acres   |               | 1,219     | 6,012   | 9,869     | 4,867   | 4,595     | 5,981   | 8,182    |         |
| 140 to 179 acres .....  | farms         | 19        | 30      | 80        | 40      | 25        | 23      | 38       |         |
| acres   |               | 3,047     | 4,779   | 12,590    | 6,413   | 3,895     | 3,544   | 5,934    |         |
| 180 to 219 acres .....  | farms         | 11        | 34      | 53        | 14      | 20        | 21      | 35       |         |
| acres   |               | 2,169     | 6,607   | 10,345    | 2,780   | 3,926     | 4,079   | 6,806    |         |
| 220 to 259 acres .....  | farms         | 7         | 16      | 26        | 25      | 16        | 26      | 38       |         |
| acres   |               | 1,656     | 3,813   | 6,260     | 5,931   | 3,836     | 6,145   | 8,906    |         |
| 260 to 499 acres .....  | farms         | 7         | 37      | 54        | 74      | 34        | 62      | 116      |         |
| acres   |               | 2,736     | 12,861  | 19,616    | 25,908  | 11,460    | 22,832  | 40,344   |         |
| 500 to 999 acres .....  | farms         | 7         | 21      | 32        | 34      | 27        | 37      | 76       |         |
| acres   |               | 5,231     | 13,612  | 20,006    | 23,369  | 17,400    | 26,114  | 52,133   |         |
| 1,000 to 1,999 acres .....                                      | farms         | 5         | 11      | 9         | 16      | 12        | 13      | 32       |         |
| acres   |               | 6,592     | 13,049  | 10,275    | 21,248  | 16,155    | 16,140  | 42,505   |         |
| 2,000 acres or more .....                                       | farms         | 1         | 3       | 2         | 1       | 3         | 1       | 11       |         |
| acres   |               | (D)       | 6,181   | (D)       | (D)     | 10,025    | (D)     | 29,138   |         |
| 1997 size of farm:  |               |           |         |           |         |           |         |          |         |
| 1 to 9 acres .....  | farms         | 3         | 22      | 11        | 6       | 22        | 12      | 141      |         |
| acres   |               | (D)       | (D)     | (D)       | (D)     | 100       | 60      | 710      |         |
| 10 to 49 acres .....  | farms         | 46        | 132     | 129       | 66      | 159       | 64      | 443      |         |
| acres   |               | 1,221     | 4,049   | 3,837     | 1,830   | 4,482     | 1,917   | 10,801   |         |
| 50 to 69 acres .....  | farms         | 6         | 29      | 55        | 12      | 41        | 13      | 88       |         |
| acres   |               | 336       | 1,691   | 3,271     | 696     | 2,361     | 751     | 5,185    |         |
| 70 to 99 acres .....  | farms         | 14        | 62      | 143       | 48      | 87        | 52      | 105      |         |
| acres   |               | 1,146     | 5,000   | 11,439    | 3,887   | 7,026     | 4,164   | 8,564    |         |
| 100 to 139 acres .....  | farms         | 11        | 52      | 93        | 35      | 40        | 44      | 86       |         |
| acres   |               | 1,229     | 6,150   | 10,773    | 4,106   | 4,694     | 5,214   | 10,200   |         |
| 140 to 179 acres .....  | farms         | 18        | 39      | 67        | 33      | 35        | 26      | 64       |         |
| acres   |               | 2,888     | 6,154   | 10,634    | 5,109   | 5,454     | 3,948   | 10,091   |         |
| 180 to 219 acres .....  | farms         | 6         | 29      | 47        | 40      | 23        | 23      | 46       |         |
| acres   |               | 1,181     | 5,838   | 9,260     | 7,900   | 4,637     | 4,465   | 9,103    |         |
| 220 to 259 acres .....  | farms         | 4         | 25      | 32        | 22      | 12        | 20      | 29       |         |
| acres   |               | (D)       | (D)     | 7,571     | (D)     | 2,853     | 4,750   | 6,834    |         |
| 260 to 499 acres .....  | farms         | 14        | 48      | 72        | 76      | 38        | 62      | 109      |         |
| acres   |               | 5,715     | 17,075  | 24,776    | 27,070  | 13,622    | 21,790  | 38,943   |         |
| 500 to 999 acres .....  | farms         | 7         | 28      | 41        | 46      | 31        | 50      | 81       |         |
| acres   |               | 4,927     | 19,517  | 28,436    | 31,996  | 22,216    | 33,580  | 56,154   |         |
| 1,000 to 1,999 acres .....                                      | farms         | 5         | 8       | 4         | 19      | 8         | 11      | 36       |         |
| acres   |               | 6,642     | 9,535   | 4,238     | 24,331  | 11,511    | 13,387  | 50,556   |         |
| 2,000 acres or more .....                                       | farms         | 1         | 1       | 2         | 1       | 3         | -       | 6        |         |
| acres   |               | (D)       | (D)     | (D)       | (D)     | 8,435     | -       | 15,620   |         |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |               |           |         |           |         |           |         |          |         |
| Total cropland .....  | farms, 2002   | 122       | 432     | 727       | 339     | 430       | 386     | 1,076    |         |
| 1997  | 108           | 441       | 660     | 375       | 441     | 359       | 1,133   | 1,043    |         |
| acres, 2002 .....   |               | 10,871    | 57,471  | 83,846    | 56,637  | 66,632    | 70,063  | 199,619  | 198,317 |
| 1997  | 13,137        | 59,801    | 87,654  | 64,565    | 66,740  | 69,094    | 207,685 | 195,382  |         |
| Harvested cropland .....  | farms, 2002   | 98        | 365     | 555       | 304     | 328       | 337     | 917      | 812     |
| 1997  | 88            | 407       | 558     | 346       | 382     | 333       | 1,038   | 890      |         |
| acres, 2002 .....   |               | 8,202     | 45,782  | 58,119    | 45,169  | 58,226    | 58,204  | 189,011  | 167,690 |
| 1997  | 8,115         | 47,003    | 61,094  | 50,246    | 58,759  | 55,893    | 198,485 | 165,051  |         |
| Cropland used only for pasture or grazing .....                 | farms, 2002   | 67        | 121     | 352       | 170     | 127       | 154     | 197      | 328     |
| 1997  | 52            | 139       | 346     | 193       | 148     | 156       | 182     | 404      |         |
| acres, 2002 .....   |               | 1,741     | 3,130   | 10,928    | 6,386   | 2,835     | 5,482   | 2,436    | 8,208   |
| 1997  | 3,778         | 3,703     | 14,145  | 7,943     | 3,726   | 7,044     | 2,311   | 9,281    |         |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency   | Muskegon | Newaygo | Oakland | Oceana  | Ogemaw  | Ontonagon | Osceola |
|---|---------------|----------|---------|---------|---------|---------|-----------|---------|
| <b>F FARMS AND LAND IN FARMS</b>                                |               |          |         |         |         |         |           |         |
| Farms .....   | 139           | 545      | 902     | 643     | 648     | 256     | 108       | 591     |
| 1997  | 124           | 493      | 787     | 677     | 649     | 299     | 103       | 578     |
| Land in farms .....   | 21,077        | 73,918   | 135,422 | 40,930  | 127,404 | 67,836  | 33,666    | 115,922 |
| 1997  | 23,335        | 76,995   | 131,779 | 50,016  | 133,146 | 75,185  | 33,871    | 115,888 |
| Average size of farm .....                                      | 152           | 136      | 150     | 64      | 197     | 265     | 312       | 196     |
| 1997  | 188           | 156      | 167     | 74      | 205     | 251     | 329       | 200     |
| Estimated market value of land and buildings <sup>1</sup> ..... | 140           | 540      | 894     | 642     | 648     | 256     | 107       | 591     |
| 1997  | 122           | 490      | 785     | 678     | 650     | 297     | 103       | 578     |
| \$1,000, 2002   | 41,048        | 192,683  | 331,228 | 237,185 | 345,174 | 150,010 | 37,940    | 246,793 |
| 1997  | 24,114        | 129,707  | 175,432 | 291,873 | 192,137 | 83,018  | 16,615    | 131,947 |
| Average per farm .....  | 293,201       | 356,820  | 370,501 | 369,447 | 532,675 | 585,978 | 354,577   | 417,586 |
| 1997  | 197,657       | 264,707  | 223,481 | 430,491 | 295,596 | 279,522 | 161,309   | 228,282 |
| Average per acre .....  | 1,937         | 3,008    | 2,689   | 7,428   | 2,701   | 2,159   | 1,138     | 2,050   |
| 1997  | 1,046         | 1,738    | 1,383   | 6,011   | 1,366   | 1,143   | 487       | 1,136   |
| 2002 farms by value group:                                      |               |          |         |         |         |         |           |         |
| \$1 to \$49,999 .....   | 9             | 66       | 35      | 84      | 11      | 7       | 4         | 36      |
| \$50,000 to \$99,999 .....                                      | 26            | 89       | 92      | 26      | 113     | 6       | 9         | 47      |
| \$100,000 to \$199,999 .....                                    | 33            | 165      | 248     | 133     | 199     | 77      | 39        | 181     |
| \$200,000 to \$499,999 .....                                    | 49            | 149      | 354     | 276     | 165     | 77      | 32        | 194     |
| \$500,000 to \$999,999 .....                                    | 17            | 34       | 113     | 86      | 93      | 57      | 15        | 64      |
| \$1,000,000 to \$1,999,999 .....                                | 5             | 18       | 35      | 31      | 17      | 17      | 7         | 52      |
| \$2,000,000 to \$4,999,999 .....                                | 1             | 16       | 14      | 6       | 42      | 13      | 1         | 17      |
| \$5,000,000 to \$9,999,999 .....                                | -             | 1        | 2       | -       | 8       | 2       | -         | -       |
| \$10,000,000 or more .....                                      | -             | 2        | 1       | -       | -       | -       | -         | -       |
| Approximate land area .....                                     | acres, 2002   | 350,481  | 325,835 | 539,116 | 558,407 | 345,893 | 361,155   | 839,382 |
| Proportion in farms .....                                       | percent, 2002 | 6.0      | 22.7    | 25.1    | 7.3     | 36.8    | 18.8      | 32.0    |
| 2002 size of farm:  |               |          |         |         |         |         |           |         |
| 1 to 9 acres .....  | farms         | 3        | 57      | 28      | 107     | 18      | 3         | -       |
| acres   |               | 7        | 245     | 153     | 486     | 85      | 3         | 44      |
| 10 to 49 acres .....  | farms         | 29       | 244     | 312     | 352     | 196     | 58        | 10      |
| acres   |               | 739      | 6,914   | 8,769   | 7,277   | 6,001   | 1,764     | 363     |
| 50 to 69 acres .....  | farms         | 8        | 43      | 87      | 48      | 60      | 21        | 6       |
| acres   |               | (D)      | 2,546   | (D)     | 2,733   | 3,463   | (D)       | 342     |
| 70 to 99 acres .....  | farms         | 30       | 63      | 114     | 54      | 82      | 30        | 98      |
| acres   |               | 2,352    | 5,117   | 9,095   | 4,260   | 6,544   | 2,458     | 556     |
| 100 to 139 acres .....  | farms         | 23       | 44      | 97      | 14      | 66      | 23        | 10      |
| acres   |               | 2,624    | 4,996   | 11,156  | 1,722   | 7,699   | 2,723     | 1,215   |
| 140 to 179 acres .....  | farms         | 11       | 19      | 59      | 14      | 41      | 26        | 15      |
| acres   |               | 1,760    | 3,063   | 9,264   | 2,162   | 6,525   | 4,090     | 2,336   |
| 180 to 219 acres .....  | farms         | 13       | 11      | 45      | 6       | 42      | 12        | 6       |
| acres   |               | 2,618    | 2,149   | 8,803   | 1,184   | 8,192   | 2,313     | 1,222   |
| 220 to 259 acres .....  | farms         | 5        | 8       | 33      | 14      | 20      | 9         | 10      |
| acres   |               | 1,174    | 1,906   | 7,762   | 3,397   | 4,736   | 2,151     | 2,421   |
| 260 to 499 acres .....  | farms         | 11       | 28      | 70      | 22      | 65      | 36        | 24      |
| acres   |               | 4,132    | 9,691   | 24,917  | 7,552   | 22,327  | 13,226    | 8,728   |
| 500 to 999 acres .....  | farms         | 5        | 19      | 40      | 9       | 36      | 24        | 16      |
| acres   |               | 3,948    | 12,968  | 26,425  | 5,447   | 24,072  | 17,289    | 10,646  |
| 1,000 to 1,999 acres .....                                      | farms         | 1        | 6       | 15      | 3       | 13      | 12        | 4       |
| acres   |               | (D)      | 6,817   | 18,956  | 4,710   | 15,571  | 14,455    | 5,837   |
| 2,000 acres or more .....                                       | farms         | -        | 3       | 2       | -       | 9       | 2         | -       |
| acres   |               | -        | 17,506  | (D)     | -       | 22,189  | (D)       | (D)     |
| 1997 size of farm:  |               |          |         |         |         |         |           |         |
| 1 to 9 acres .....  | farms         | -        | 50      | 24      | 117     | 20      | 6         | -       |
| acres   |               | -        | 221     | 92      | (D)     | 88      | (D)       | (D)     |
| 10 to 49 acres .....  | farms         | 22       | 191     | 214     | 366     | 180     | 49        | 8       |
| acres   |               | 724      | 5,068   | 6,307   | 7,286   | 5,689   | 1,295     | (D)     |
| 50 to 69 acres .....  | farms         | 19       | 56      | 63      | 34      | 59      | 21        | 2       |
| acres   |               | 1,132    | 3,247   | 3,679   | 1,930   | 3,495   | 1,265     | (D)     |
| 70 to 99 acres .....  | farms         | 22       | 46      | 102     | 52      | 87      | 47        | 7       |
| acres   |               | 1,831    | 3,608   | 8,222   | 4,232   | 7,145   | 3,778     | 558     |
| 100 to 139 acres .....  | farms         | 12       | 39      | 105     | 28      | 61      | 34        | 10      |
| acres   |               | 1,425    | 4,557   | 12,193  | 3,259   | 7,065   | 3,914     | 1,217   |
| 140 to 179 acres .....  | farms         | 9        | 24      | 60      | 21      | 41      | 28        | 10      |
| acres   |               | 1,429    | 3,798   | 9,317   | 3,177   | 6,488   | 4,522     | 1,620   |
| 180 to 219 acres .....  | farms         | 9        | 16      | 51      | 16      | 42      | 18        | 9       |
| acres   |               | 1,780    | 3,148   | 10,085  | 3,182   | 8,310   | 3,522     | 1,707   |
| 220 to 259 acres .....  | farms         | 2        | 8       | 36      | 9       | 23      | 15        | 12      |
| acres   |               | (D)      | 1,956   | 8,617   | (D)     | 5,313   | 3,538     | 2,838   |
| 260 to 499 acres .....  | farms         | 14       | 34      | 74      | 32      | 74      | 46        | 26      |
| acres   |               | 5,016    | 11,861  | 26,464  | 10,985  | 26,804  | 17,543    | 9,834   |
| 500 to 999 acres .....  | farms         | 14       | 21      | 46      | 6       | 43      | 29        | 16      |
| acres   |               | 8,396    | 15,014  | 31,683  | 4,026   | 31,094  | 20,358    | 10,631  |
| 1,000 to 1,999 acres .....                                      | farms         | 1        | 4       | 12      | 5       | 16      | 4         | 2       |
| acres   |               | (D)      | 4,622   | 15,120  | 6,982   | 21,351  | 6,142     | (D)     |
| 2,000 acres or more .....                                       | farms         | -        | 4       | -       | 1       | 3       | 2         | 1       |
| acres   |               | -        | 19,895  | -       | (D)     | 10,304  | (D)       | (D)     |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |               |          |         |         |         |         |           |         |
| Total cropland .....  | farms, 2002   | 122      | 456     | 813     | 444     | 602     | 246       | 102     |
| 1997  | 111           | 426      | 739     | 521     | 622     | 285     | 102       | 543     |
| acres, 2002   | 13,417        | 49,139   | 93,491  | 25,119  | 89,062  | 46,930  | 19,537    | 75,040  |
| 1997  | 14,987        | 55,843   | 94,890  | 35,759  | 89,825  | 52,575  | 17,231    | 76,868  |
| Harvested cropland .....  | farms, 2002   | 100      | 347     | 689     | 307     | 540     | 205       | 93      |
| 1997  | 94            | 381      | 663     | 386     | 583     | 257     | 95        | 481     |
| acres, 2002   | 9,919         | 42,148   | 72,732  | 17,094  | 71,506  | 36,359  | 12,773    | 52,057  |
| 1997  | 10,695        | 47,550   | 74,140  | 26,110  | 69,470  | 41,086  | 11,865    | 53,938  |
| Cropland used only for pasture or grazing .....                 | farms, 2002   | 68       | 190     | 364     | 204     | 181     | 116       | 65      |
| 1997  | 58            | 164      | 372     | 222     | 205     | 136     | 58        | 312     |
| acres, 2002   | 2,134         | 3,171    | 9,607   | 4,039   | 5,034   | 5,899   | 4,336     | 10,930  |
| 1997  | 2,288         | 3,703    | 11,257  | 3,269   | 5,447   | 6,748   | 3,720     | 13,915  |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda        | Otsego  | Ottawa  | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
|---|---------------|---------|---------|--------------|-----------|---------|-----------|------------|
| <b>F FARMS AND LAND IN FARMS</b>                                |               |         |         |              |           |         |           |            |
| Farms .....   | 123           | 170     | 1,291   | 303          | 46        | 1,359   | 1,260     | 907        |
| 1997  | 96            | 160     | 1,497   | 337          | 45        | 1,320   | 1,120     | 916        |
| Land in farms .....   | 16,989        | 34,585  | 165,484 | 68,059       | 7,394     | 324,615 | 182,116   | 230,624    |
| acres, 2002   |               |         |         |              |           |         |           |            |
| 1997  | 15,792        | 36,705  | 181,527 | 87,060       | 4,664     | 310,050 | 178,308   | 230,145    |
| Average size of farm .....                                      | 138           | 203     | 128     | 225          | 161       | 239     | 145       | 254        |
| acres, 2002   |               |         |         |              |           |         |           |            |
| 1997  | 165           | 229     | 121     | 258          | 104       | 235     | 159       | 251        |
| Estimated market value of land and buildings <sup>1</sup> ..... | 125           | 171     | 1,292   | 301          | 47        | 1,360   | 1,261     | 908        |
| farms, 2002   |               |         |         |              |           |         |           |            |
| 1997  | 95            | 162     | 1,493   | 338          | 44        | 1,320   | 1,120     | 918        |
| \$1,000, 2002   | 36,764        | 84,104  | 741,742 | 140,124      | 15,885    | 637,992 | 712,880   | 526,539    |
| 1997  | 17,513        | 51,889  | 548,742 | 69,458       | 5,839     | 567,164 | 431,285   | 430,292    |
| Average per farm .....  | 294,110       | 491,835 | 574,104 | 465,527      | 337,978   | 469,112 | 565,329   | 579,889    |
| dollars, 2002   |               |         |         |              |           |         |           |            |
| 1997  | 184,350       | 320,301 | 367,544 | 205,496      | 132,700   | 429,670 | 385,076   | 468,728    |
| Average per acre .....  | 2,220         | 2,419   | 4,352   | 1,997        | 3,186     | 2,068   | 3,970     | 2,314      |
| dollars, 2002   |               |         |         |              |           |         |           |            |
| 1997  | 1,150         | 1,314   | 3,158   | 901          | 1,255     | 1,731   | 2,557     | 1,786      |
| 2002 farms by value group:                                      |               |         |         |              |           |         |           |            |
| \$1 to \$49,999 .....   | 19            | -       | 31      | 27           | 1         | 127     | 26        | 109        |
| \$50,000 to \$99,999 .....                                      | 14            | 12      | 135     | 40           | 2         | 237     | 113       | 62         |
| \$100,000 to \$199,999 .....                                    | 26            | 41      | 311     | 57           | 20        | 447     | 201       | 267        |
| \$200,000 to \$499,999 .....                                    | 47            | 68      | 456     | 122          | 16        | 282     | 684       | 217        |
| \$500,000 to \$999,999 .....                                    | 17            | 28      | 199     | 10           | 7         | 121     | 101       | 134        |
| \$1,000,000 to \$1,999,999 .....                                | 1             | 19      | 98      | 25           | -         | 72      | 49        | 56         |
| \$2,000,000 to \$4,999,999 .....                                | 1             | 2       | 45      | 20           | 1         | 60      | 66        | 47         |
| \$5,000,000 to \$9,999,999 .....                                | -             | 1       | 13      | -            | -         | 13      | 19        | 15         |
| \$10,000,000 or more .....                                      | -             | -       | 4       | -            | -         | 1       | 2         | 1          |
| Approximate land area .....                                     | acres, 2002   | 361,601 | 329,307 | 362,019      | 422,447   | 333,696 | 517,716   | 463,597    |
| Proportion in farms .....                                       | percent, 2002 | 4.7     | 10.5    | 45.7         | 16.1      | 2.2     | 62.7      | 39.3       |
| 322,382   |               |         |         |              |           |         |           |            |
| 2002 size of farm:  |               |         |         |              |           |         |           |            |
| 1 to 9 acres .....  | farms         | 11      | 10      | 166          | 6         | 3       | 79        | 83         |
| acres   |               | 49      | 68      | 796          | 21        | (D)     | 374       | 490        |
| 10 to 49 acres .....  | farms         | 30      | 46      | 535          | 54        | 15      | 448       | 531        |
| acres   |               | 843     | 1,344   | 13,354       | 1,766     | 412     | 12,112    | 13,982     |
| 50 to 69 acres .....  | farms         | 4       | 12      | 105          | 21        | 1       | 111       | 133        |
| acres   |               | (D)     | 693     | 6,113        | (D)       | 6,554   | 7,694     | 3,968      |
| 70 to 99 acres .....  | farms         | 10      | 20      | 125          | 41        | 5       | 142       | 127        |
| acres   |               | 817     | 1,602   | 10,053       | 3,344     | 445     | 11,692    | 7,650      |
| 100 to 139 acres .....  | farms         | 22      | 16      | 95           | 33        | 4       | 109       | 91         |
| acres   |               | 2,539   | 1,897   | 10,917       | 3,803     | 440     | 12,683    | 10,692     |
| 140 to 179 acres .....  | farms         | 16      | 2       | 61           | 34        | 6       | 82        | 61         |
| acres   |               | 2,509   | (D)     | 9,754        | 5,402     | 930     | 12,884    | 9,587      |
| 180 to 219 acres .....  | farms         | 6       | 11      | 40           | 24        | 4       | 58        | 44         |
| acres   |               | 1,219   | 2,196   | 7,910        | 4,862     | 796     | 11,592    | 8,795      |
| 220 to 259 acres .....  | farms         | 7       | 7       | 30           | 18        | 2       | 45        | 46         |
| acres   |               | 1,643   | 1,699   | 7,023        | 4,144     | (D)     | 10,664    | 10,961     |
| 260 to 499 acres .....  | farms         | 13      | 24      | 70           | 44        | 2       | 120       | 78         |
| acres   |               | 4,586   | 8,749   | 24,624       | 15,652    | (D)     | 42,478    | 28,863     |
| 500 to 999 acres .....  | farms         | 3       | 19      | 38           | 17        | 4       | 85        | 35         |
| acres   |               | (D)     | 11,763  | 24,813       | 11,073    | 3,120   | 62,518    | 25,288     |
| 1,000 to 1,999 acres .....                                      | farms         | 1       | 2       | 21           | 10        | -       | 59        | 27         |
| acres   |               | (D)     | 29,204  | 14,197       | -         | -       | 81,199    | 36,054     |
| 2,000 acres or more .....                                       | farms         | -       | 1       | 5            | 1         | -       | 21        | 4          |
| acres   |               | -       | (D)     | 20,923       | (D)       | -       | 59,865    | 19,504     |
| 54,512  |               |         |         |              |           |         |           |            |
| 1997 size of farm:  |               |         |         |              |           |         |           |            |
| 1 to 9 acres .....  | farms         | 4       | 1       | 186          | 2         | 3       | 90        | 70         |
| acres   |               | (D)     | (D)     | 848          | (D)       | (D)     | 386       | 372        |
| 10 to 49 acres .....  | farms         | 18      | 30      | 578          | 45        | 18      | 343       | 356        |
| acres   |               | 565     | 822     | 14,572       | (D)       | 493     | 9,387     | 9,557      |
| 50 to 69 acres .....  | farms         | 6       | 9       | 150          | 22        | 3       | 101       | 97         |
| acres   |               | 357     | (D)     | 8,778        | 1,286     | 167     | 5,996     | 5,558      |
| 70 to 99 acres .....  | farms         | 9       | 20      | 136          | 30        | 7       | 148       | 158        |
| acres   |               | 735     | 1,613   | 11,162       | 2,507     | 586     | 12,125    | 12,672     |
| 70 to 99 acres .....  | farms         | 23      | 25      | 122          | 41        | 1       | 132       | 102        |
| acres   |               | 2,657   | 2,985   | 14,176       | 4,694     | (D)     | 15,600    | 11,661     |
| 140 to 179 acres .....  | farms         | 8       | 18      | 73           | 39        | 8       | 94        | 68         |
| acres   |               | 1,258   | 2,884   | 11,375       | 6,255     | 1,303   | 14,827    | 10,750     |
| 180 to 219 acres .....  | farms         | 7       | 11      | 63           | 29        | 3       | 70        | 55         |
| acres   |               | (D)     | 2,163   | 12,616       | (D)       | 560     | 13,776    | 10,864     |
| 220 to 259 acres .....  | farms         | 8       | 3       | 34           | 28        | 1       | 49        | 44         |
| acres   |               | 1,897   | (D)     | 8,087        | 6,741     | (D)     | 11,656    | 10,393     |
| 260 to 499 acres .....  | farms         | 8       | 23      | 84           | 64        | -       | 133       | 103        |
| acres   |               | 2,905   | 7,837   | 30,465       | 22,433    | -       | 47,460    | 36,464     |
| 500 to 999 acres .....  | farms         | 4       | 13      | 49           | 21        | -       | 91        | 44         |
| acres   |               | 2,830   | 7,786   | 33,346       | 13,474    | -       | 67,490    | 30,675     |
| 1,000 to 1,999 acres .....                                      | farms         | 1       | 6       | 18           | 15        | 1       | 57        | 18         |
| acres   |               | (D)     | 7,174   | 22,192       | 20,139    | (D)     | 77,206    | 21,652     |
| 2,000 acres or more .....                                       | farms         | -       | 1       | 4            | 1         | -       | 12        | 5          |
| acres   |               | -       | (D)     | 13,910       | (D)       | -       | 34,141    | 17,690     |
| 42,708  |               |         |         |              |           |         |           |            |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |               |         |         |              |           |         |           |            |
| Total cropland .....  | farms, 2002   | 108     | 146     | 1,178        | 281       | 41      | 1,268     | 1,129      |
| acres, 2002   |               | 87      | 153     | 1,375        | 324       | 39      | 1,233     | 1,036      |
| 1997  |               | 9,575   | 19,929  | 137,705      | 41,589    | 2,721   | 286,989   | 153,649    |
| Harvested cropland .....  | farms, 2002   | 9,391   | 19,725  | 149,195      | 56,629    | 3,056   | 277,961   | 153,268    |
| acres, 2002   |               | 94      | 116     | 1,030        | 237       | 29      | 1,052     | 935        |
| 1997  |               | 79      | 125     | 1,250        | 294       | 33      | 1,151     | 940        |
| Cropland used only for pasture or grazing .....                 | farms, 2002   | 5,925   | 12,768  | 120,164      | 29,611    | 1,661   | 269,242   | 133,720    |
| acres, 2002   |               | 5,466   | 12,787  | 125,980      | 39,791    | 2,084   | 266,243   | 127,932    |
| 1997  |               | 2,954   | 3,363   | 8,842        | 7,419     | 730     | 3,103     | 179,130    |
| 8,573   |               |         |         |              |           |         |           |            |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac       | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne   | Wexford |
|---|---------------|-------------|------------|---------|-----------|-----------|---------|---------|
| <b>F FARMS AND LAND IN FARMS</b>                                |               |             |            |         |           |           |         |         |
| Farms .....   | 1,595         | 51          | 1,037      | 1,292   | 1,160     | 1,325     | 319     | 395     |
| 1997  | 1,634         | 51          | 1,063      | 1,301   | 1,217     | 1,203     | 362     | 298     |
| Land in farms .....   | 434,738       | 13,541      | 234,788    | 335,542 | 176,260   | 175,259   | 21,485  | 45,852  |
| 1997  | 443,475       | 16,257      | 227,347    | 343,498 | 189,432   | 189,863   | 41,586  | 47,842  |
| Average size of farm .....                                      | 273           | 266         | 226        | 260     | 152       | 132       | 67      | 116     |
| 1997  | 271           | 319         | 214        | 264     | 156       | 158       | 115     | 161     |
| Estimated market value of land and buildings <sup>1</sup> ..... | 1,593         | 52          | 1,039      | 1,290   | 1,170     | 1,326     | 321     | 394     |
| 1997  | 1,629         | 52          | 1,065      | 1,306   | 1,217     | 1,208     | 367     | 298     |
| \$1,000, 2002 .....   | 970,775       | 25,139      | 489,120    | 817,037 | 467,397   | 826,021   | 142,398 | 112,127 |
| 1997  | 611,835       | 14,155      | 368,763    | 616,859 | 373,099   | 568,964   | 162,916 | 57,161  |
| Average per farm .....  | 609,400       | 483,445     | 470,760    | 633,362 | 399,485   | 622,942   | 443,608 | 284,587 |
| 1997  | 375,589       | 272,217     | 346,266    | 472,327 | 306,572   | 470,997   | 443,913 | 191,817 |
| Average per acre .....  | 2,097         | 1,638       | 2,163      | 2,297   | 2,806     | 4,739     | 6,829   | 2,779   |
| 1997  | 1,399         | 862         | 1,552      | 1,815   | 1,826     | 2,960     | 3,990   | 1,207   |
| 2002 farms by value group:                                      |               |             |            |         |           |           |         |         |
| \$1 to \$49,999 .....   | 108           | 4           | 46         | 90      | 173       | 35        | 17      | 21      |
| \$50,000 to \$99,999 .....                                      | 180           | 2           | 130        | 148     | 152       | 34        | 52      | 64      |
| \$100,000 to \$199,999 .....                                    | 435           | 15          | 240        | 198     | 252       | 293       | 106     | 141     |
| \$200,000 to \$499,999 .....                                    | 344           | 12          | 371        | 459     | 386       | 546       | 69      | 114     |
| \$500,000 to \$999,999 .....                                    | 236           | 12          | 162        | 168     | 129       | 193       | 39      | 40      |
| \$1,000,000 to \$1,999,999 .....                                | 172           | 4           | 43         | 143     | 44        | 147       | 28      | 11      |
| \$2,000,000 to \$4,999,999 .....                                | 103           | 3           | 41         | 72      | 23        | 65        | 8       | 2       |
| \$5,000,000 to \$9,999,999 .....                                | 14            | -           | 4          | 11      | 8         | 13        | 2       | 1       |
| \$10,000,000 or more .....                                      | 1             | -           | 2          | 1       | 3         | -         | -       | -       |
| Approximate land area .....                                     | acres, 2002   | 616,831     | 753,990    | 344,790 | 519,955   | 390,951   | 454,361 | 393,057 |
| Proportion in farms .....                                       | percent, 2002 | 70.5        | 1.8        | 68.1    | 64.5      | 45.1      | 38.6    | 5.5     |
| 2002 size of farm:  |               |             |            |         |           |           |         |         |
| 1 to 9 acres .....  | farms         | 48          | 4          | 53      | 56        | 61        | 110     | 58      |
| acres   |               | 233         | 16         | 277     | 216       | 263       | 636     | (D)     |
| 10 to 49 acres .....  | farms         | 427         | 13         | 343     | 408       | 465       | 571     | 178     |
| acres   |               | 12,351      | 436        | 9,480   | 11,172    | 13,348    | 12,984  | 3,447   |
| 50 to 69 acres .....  | farms         | 116         | 1          | 79      | 97        | 121       | 122     | 25      |
| acres   |               | 6,936       | (D)        | 4,563   | 5,593     | 6,876     | 6,994   | 1,117   |
| 70 to 99 acres .....  | farms         | 187         | 4          | 113     | 200       | 159       | 129     | 16      |
| acres   |               | 15,081      | (D)        | 9,125   | 16,137    | 12,929    | 10,656  | 6,114   |
| 100 to 139 acres .....  | farms         | 139         | 3          | 106     | 104       | 100       | 104     | 15      |
| acres   |               | 16,277      | 387        | 12,435  | 12,237    | 11,626    | 11,909  | 5,021   |
| 140 to 179 acres .....  | farms         | 115         | 3          | 51      | 59        | 63        | 59      | 25      |
| acres   |               | 18,031      | 461        | 8,136   | 9,332     | 9,797     | 9,244   | 1,456   |
| 180 to 219 acres .....  | farms         | 84          | 8          | 42      | 58        | 40        | 30      | 18      |
| acres   |               | 16,435      | 1,605      | 8,316   | 11,425    | 7,824     | 5,858   | 3,549   |
| 220 to 259 acres .....  | farms         | 57          | 1          | 35      | 32        | 27        | 34      | 9       |
| acres   |               | 13,449      | (D)        | 8,345   | 7,529     | 6,494     | 8,039   | 2,133   |
| 260 to 499 acres .....  | farms         | 177         | 6          | 89      | 103       | 71        | 80      | 10      |
| acres   |               | 63,812      | 2,252      | 31,386  | 36,735    | 24,625    | 29,172  | 3,135   |
| 500 to 999 acres .....  | farms         | 147         | 4          | 79      | 89        | 29        | 57      | 4       |
| acres   |               | 102,045     | 3,177      | 56,545  | 62,526    | 18,845    | 36,652  | 2,834   |
| 1,000 to 1,999 acres .....                                      | farms         | 72          | 4          | 33      | 61        | 13        | 24      | 4       |
| acres   |               | 93,281      | 4,580      | 44,763  | 84,985    | 16,848    | 32,617  | 4,821   |
| 2,000 acres or more .....                                       | farms         | 26          | -          | 14      | 25        | 11        | 5       | -       |
| acres   |               | 76,807      | -          | 41,417  | 77,655    | 46,785    | 10,498  | -       |
| 1997 size of farm:  |               |             |            |         |           |           |         |         |
| 1 to 9 acres .....  | farms         | 57          | -          | 59      | 60        | 69        | 94      | 98      |
| acres   |               | 235         | -          | 272     | 249       | 369       | 495     | 433     |
| 10 to 49 acres .....  | farms         | 339         | 13         | 292     | 308       | 408       | 432     | 146     |
| acres   |               | 9,754       | 432        | 8,304   | 8,739     | 11,081    | 10,200  | 3,295   |
| 50 to 69 acres .....  | farms         | 105         | -          | 75      | 101       | 134       | 89      | 21      |
| acres   |               | 6,128       | -          | 4,244   | 5,932     | 7,797     | 5,068   | 1,237   |
| 70 to 99 acres .....  | farms         | 188         | 6          | 125     | 171       | 152       | 127     | 19      |
| acres   |               | 15,259      | 502        | 10,106  | 13,939    | 12,412    | 10,399  | 1,473   |
| 100 to 139 acres .....  | farms         | 163         | 8          | 106     | 142       | 136       | 101     | 14      |
| acres   |               | 18,925      | 984        | 12,421  | 16,464    | 15,819    | 11,549  | 1,570   |
| 140 to 179 acres .....  | farms         | 156         | 1          | 73      | 86        | 84        | 82      | 23      |
| acres   |               | 24,753      | (D)        | 11,656  | 13,655    | 13,307    | 12,962  | 3,512   |
| 180 to 219 acres .....  | farms         | 100         | 2          | 54      | 67        | 52        | 42      | 8       |
| acres   |               | 19,707      | (D)        | 10,596  | 13,316    | 10,178    | 8,246   | 1,530   |
| 220 to 259 acres .....  | farms         | 73          | 4          | 37      | 45        | 34        | 32      | 5       |
| acres   |               | 17,271      | 922        | 8,928   | 10,603    | 8,232     | 7,642   | 1,402   |
| 260 to 499 acres .....  | farms         | 217         | 7          | 121     | 131       | 81        | 113     | 24      |
| acres   |               | 76,197      | 2,661      | 41,940  | 46,727    | 28,692    | 40,387  | 3,829   |
| 500 to 999 acres .....  | farms         | 151         | 5          | 86      | 115       | 46        | 62      | 8       |
| acres   |               | 107,945     | 3,635      | 59,819  | 79,863    | 31,477    | 40,763  | 5,457   |
| 1,000 to 1,999 acres .....                                      | farms         | 61          | 4          | 26      | 54        | 16        | 25      | 6       |
| acres   |               | 79,767      | 4,601      | 35,045  | 72,257    | 21,787    | 33,601  | 7,592   |
| 2,000 acres or more .....                                       | farms         | 24          | 1          | 9       | 21        | 5         | 4       | 4       |
| acres   |               | 67,534      | (D)        | 24,016  | 61,754    | 28,281    | 8,551   | 10,529  |
| <b>LAND IN FARMS ACCORDING TO USE</b>                           |               |             |            |         |           |           |         |         |
| Total cropland .....  | farms, 2002   | 1,488       | 43         | 947     | 1,195     | 1,058     | 1,127   | 245     |
| 1997  | 1,514         | 41          | 983        | 1,217   | 1,169     | 1,090     | 305     | 275     |
| acres, 2002 .....   |               | 382,064     | 7,875      | 201,065 | 297,142   | 132,771   | 140,196 | 17,893  |
| 1997  | 391,951       | 8,844       | 194,132    | 298,191 | 143,082   | 160,221   | 31,967  | 29,021  |
| Harvested cropland .....  | farms, 2002   | 1,145       | 41         | 805     | 911       | 865       | 915     | 258     |
| 1997  | 1,284         | 39          | 904        | 1,047   | 1,047     | 916       | 236     | 248     |
| acres, 2002 .....   |               | 340,659     | 5,192      | 185,271 | 270,006   | 107,184   | 122,754 | 14,269  |
| 1997  | 340,770       | 5,110       | 179,575    | 271,081 | 116,190   | 139,607   | 23,764  | 22,902  |
| Cropland used only for pasture or grazing .....                 | farms, 2002   | 399         | 28         | 286     | 341       | 280       | 405     | 69      |
| 1997  | 536           | 27          | 275        | 396     | 329       | 421       | 88      | 123     |
| acres, 2002 .....   |               | 8,933       | 2,560      | 4,810   | 7,063     | 5,624     | 5,583   | 1,572   |
| 1997  | 14,900        | 3,286       | 5,244      | 10,124  | 8,401     | 7,961     | 1,527   | 3,629   |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan               | Alcona           | Alger          | Allegan          | Alpena           | Antrim           | Arenac           |
|--|------------------------|------------------|----------------|------------------|------------------|------------------|------------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                        |                  |                |                  |                  |                  |                  |
| Total cropland - Con.  |                        |                  |                |                  |                  |                  |                  |
| Other cropland   | farms, 2002<br>1997    | 18,353<br>18,796 | 83<br>100      | 22<br>24         | 442<br>489       | 163<br>215       | 186<br>149       |
| acres, 2002<br>1997  | 746,375<br>756,349     | 3,435<br>4,214   | 448<br>674     | 17,162<br>15,873 | 6,823<br>9,067   | 10,504<br>8,405  | 10,172<br>11,291 |
| Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) | farms, 2002<br>1997    | 15,120<br>(NA)   | 60<br>(NA)     | 15<br>(NA)       | 379<br>(NA)      | 115<br>(NA)      | 162<br>(NA)      |
| acres, 2002<br>1997  | 607,936<br>(NA)        | 2,228<br>(NA)    | 317<br>(NA)    | 12,794<br>(NA)   | 4,630<br>(NA)    | 8,560<br>(NA)    | 8,566<br>(NA)    |
| Cropland on which all crops failed or were abandoned   | farms, 2002<br>1997    | 3,113<br>2,070   | 19<br>20       | 7<br>-           | 83<br>81         | 37<br>33         | 34<br>17         |
| acres, 2002<br>1997  | 69,071<br>43,797       | 732<br>434       | (D)            | 1,299<br>1,663   | 610<br>672       | 532<br>378       | 520<br>478       |
| Cropland in cultivated summer fallow   | farms, 2002<br>1997    | 2,567<br>3,054   | 28<br>35       | 2<br>6           | 41<br>65         | 71<br>81         | 17<br>25         |
| acres, 2002<br>1997  | 69,368<br>79,273       | 475<br>946       | (D)            | 3,069<br>1,170   | 1,583<br>2,489   | 1,412<br>787     | 1,086<br>1,834   |
| Total woodland   | farms, 2002<br>1997    | 27,818<br>27,815 | 148<br>142     | 42<br>52         | 677<br>709       | 322<br>306       | 255<br>194       |
| acres, 2002<br>1997  | 1,224,237<br>1,243,970 | 8,308<br>10,564  | 3,209<br>5,613 | 22,241<br>21,738 | 16,908<br>16,039 | 19,989<br>13,612 | 11,866<br>12,939 |
| Woodland pastured  | farms, 2002<br>1997    | 5,316<br>5,417   | 55<br>40       | 6<br>6           | 120<br>133       | 88<br>84         | 32<br>46         |
| acres, 2002<br>1997  | 162,169<br>163,453     | 1,883<br>1,610   | 79<br>450      | 1,925<br>2,515   | 2,982<br>2,195   | 627<br>1,724     | 48<br>2,407      |
| Woodland not pastured  | farms, 2002<br>1997    | 24,853<br>25,106 | 121<br>118     | 41<br>51         | 599<br>641       | 277<br>279       | 243<br>177       |
| acres, 2002<br>1997  | 1,062,068<br>1,080,517 | 6,425<br>8,954   | 3,130<br>5,163 | 20,316<br>19,223 | 13,926<br>13,844 | 19,362<br>11,888 | 9,459<br>11,949  |
| Pastureland and rangeland, other than cropland and woodland pastured (see text)                                    | farms, 2002<br>1997    | 11,447<br>7,304  | 68<br>36       | 26<br>11         | 322<br>217       | 89<br>87         | 91<br>45         |
| acres, 2002<br>1997  | 254,062<br>213,359     | 1,998<br>1,718   | 969<br>823     | 7,301<br>4,044   | 2,394<br>2,309   | 2,665<br>3,325   | 826<br>688       |
| Land in house lots, ponds, roads, wasteland, etc.  | farms, 2002<br>1997    | 35,435<br>37,681 | 158<br>133     | 49<br>52         | 1,027<br>1,140   | 296<br>324       | 231<br>218       |
| acres, 2002<br>1997  | 681,085<br>712,858     | 3,242<br>2,253   | 959<br>1,567   | 15,566<br>16,468 | 4,805<br>6,870   | 5,209<br>7,395   | 3,987<br>4,624   |
| Pastureland, all types   | farms, 2002<br>1997    | 24,986<br>24,326 | 161<br>152     | 51<br>41         | 719<br>706       | 285<br>304       | 141<br>146       |
| acres, 2002<br>1997  | 825,527<br>904,911     | 9,394<br>11,795  | 4,855<br>2,928 | 16,688<br>15,970 | 12,173<br>13,707 | 6,247<br>8,993   | 5,082<br>3,893   |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                        |                  |                |                  |                  |                  |                  |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs   | farms, 2002<br>1997    | 6,593<br>5,774   | 10<br>22       | 1<br>1           | 91<br>91         | 19<br>23         | 27<br>28         |
| acres, 2002<br>1997  | 296,666<br>322,667     | 613<br>1,119     | (D)<br>(D)     | 3,369<br>3,527   | 584<br>750       | 755<br>1,522     | 6,485<br>8,805   |
| Land used to raise certified organically produced crops (see text)   | farms, 2002<br>1997    | 281<br>(NA)      | 2<br>(NA)      | -<br>(NA)        | 7<br>(NA)        | 1<br>(NA)        | 4<br>(NA)        |
| acres, 2002<br>1997  | 25,386<br>(NA)         | (D)<br>(NA)      | -<br>(NA)      | 354<br>(NA)      | (D)<br>(NA)      | 248<br>(NA)      | 638<br>(NA)      |
| Land enrolled in federal or other crop insurance programs (see text)   | farms, 2002<br>1997    | 7,921<br>(NA)    | 17<br>(NA)     | 5<br>(NA)        | 166<br>85,284    | 35<br>7,274      | 44<br>8,518      |
| acres, 2002<br>1997  | 3,401,787<br>(NA)      | 2,893<br>(NA)    | 1,221<br>(NA)  | (NA)             | (NA)             | (NA)             | 102<br>40,417    |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Baraga              | Barry      | Bay              | Benzie          | Berrien        | Branch           | Calhoun          |
|--|---------------------|------------|------------------|-----------------|----------------|------------------|------------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                     |            |                  |                 |                |                  |                  |
| Total cropland - Con.  |                     |            |                  |                 |                |                  |                  |
| Other cropland .....   | farms, 2002<br>1997 | 17<br>18   | 387<br>384       | 257<br>236      | 87<br>73       | 403<br>578       | 419<br>430       |
| acres, 2002<br>1997  | 1,150<br>597        |            | 18,122<br>20,696 | 7,399<br>9,104  | 2,609<br>2,591 | 12,749<br>17,732 | 18,304<br>18,201 |
| Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) ..... | farms, 2002<br>1997 | 9<br>(NA)  | 340<br>(NA)      | 199<br>(NA)     | 73<br>(NA)     | 341<br>(NA)      | 379<br>(NA)      |
| acres, 2002<br>1997  | 895<br>(NA)         |            | 15,869<br>(NA)   | 5,538<br>(NA)   | 1,701<br>(NA)  | 10,753<br>(NA)   | 16,978<br>(NA)   |
| Cropland on which all crops failed or were abandoned .....   | farms, 2002<br>1997 | 7<br>2     | 45<br>23         | 46<br>20        | 24<br>8        | 79<br>61         | 43<br>35         |
| acres, 2002<br>1997  | 157<br>(D)          |            | 1,191<br>186     | 870<br>564      | 607<br>37      | 1,230<br>979     | 697<br>554       |
| Cropland in cultivated summer fallow .....   | farms, 2002<br>1997 | 4<br>6     | 23<br>41         | 45<br>26        | 18<br>5        | 56<br>55         | 23<br>20         |
| acres, 2002<br>1997  | 98<br>86            |            | 1,062<br>918     | 991<br>464      | 301<br>61      | 766<br>949       | 629<br>330       |
| Total woodland .....   | farms, 2002<br>1997 | 52<br>46   | 630<br>633       | 260<br>239      | 114<br>110     | 487<br>573       | 644<br>687       |
| acres, 2002<br>1997  | 4,942<br>4,597      |            | 25,539<br>21,915 | 10,061<br>8,844 | 6,425<br>7,324 | 13,888<br>13,698 | 30,748<br>33,942 |
| Woodland pastured .....  | farms, 2002<br>1997 | 18<br>12   | 128<br>158       | 58<br>54        | 14<br>11       | 84<br>68         | 117<br>138       |
| acres, 2002<br>1997  | 848<br>730          |            | 4,827<br>2,465   | 1,637<br>1,762  | 737<br>203     | 1,521<br>1,200   | 3,015<br>2,811   |
| Woodland not pastured .....  | farms, 2002<br>1997 | 44<br>41   | 558<br>554       | 225<br>209      | 107<br>105     | 444<br>533       | 575<br>616       |
| acres, 2002<br>1997  | 4,094<br>3,867      |            | 20,712<br>19,450 | 8,424<br>7,082  | 5,688<br>7,121 | 12,367<br>12,498 | 27,733<br>31,131 |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .....                                    | farms, 2002<br>1997 | 14<br>11   | 244<br>267       | 62<br>42        | 37<br>24       | 163<br>112       | 203<br>162       |
| acres, 2002<br>1997  | 536<br>593          |            | 5,273<br>6,175   | 998<br>737      | 963<br>595     | 1,940<br>1,886   | 3,895<br>4,492   |
| Land in house lots, ponds, roads, wasteland, etc. ....   | farms, 2002<br>1997 | 47<br>40   | 787<br>784       | 416<br>445      | 137<br>129     | 759<br>997       | 764<br>812       |
| acres, 2002<br>1997  | 1,561<br>1,563      |            | 20,474<br>16,524 | 8,437<br>5,578  | 3,574<br>3,872 | 14,726<br>15,503 | 20,233<br>15,933 |
| Pastureland, all types .....   | farms, 2002<br>1997 | 38<br>36   | 621<br>644       | 184<br>153      | 89<br>80       | 342<br>363       | 477<br>504       |
| acres, 2002<br>1997  | 2,669<br>3,517      |            | 20,297<br>21,613 | 4,308<br>4,320  | 3,363<br>2,536 | 5,932<br>7,732   | 13,515<br>16,758 |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                     |            |                  |                 |                |                  |                  |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....   | farms, 2002<br>1997 | -<br>-     | 222<br>244       | 135<br>82       | 1<br>2         | 85<br>113        | 305<br>307       |
| acres, 2002<br>1997  | -<br>-              |            | 11,794<br>15,892 | 4,614<br>4,271  | (D)<br>(D)     | 2,776<br>4,601   | 14,310<br>18,065 |
| Land used to raise certified organically produced crops (see text) .....   | farms, 2002<br>1997 | 1<br>(D)   | 6<br>392         | 1<br>(D)        | 1<br>(D)       | 4<br>136         | 2<br>(D)         |
| acres, 2002<br>1997  | (NA)<br>(NA)        |            | (NA)<br>(NA)     | (NA)<br>(NA)    | (NA)<br>(NA)   | (NA)<br>(NA)     | (NA)<br>(NA)     |
| Land enrolled in federal or other crop insurance programs (see text) .....   | farms, 2002<br>1997 | 9<br>1,605 | 80<br>42,929     | 254<br>111,793  | 15<br>1,746    | 250<br>64,811    | 103<br>54,052    |
| acres, 2002<br>1997  | (NA)<br>(NA)        |            | (NA)<br>(NA)     | (NA)<br>(NA)    | (NA)<br>(NA)   | (NA)<br>(NA)     | (NA)<br>(NA)     |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Cass                | Charlevoix      | Cheboygan        | Chippewa         | Clare            | Clinton          | Crawford                 |
|--|---------------------|-----------------|------------------|------------------|------------------|------------------|--------------------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                     |                 |                  |                  |                  |                  |                          |
| Total cropland - Con.  |                     |                 |                  |                  |                  |                  |                          |
| Other cropland .....   | farms, 2002<br>1997 | 260<br>271      | 110<br>99        | 91<br>108        | 165<br>142       | 132<br>146       | 375<br>367               |
| acres, 2002<br>1997  | 9,808<br>8,274      | 4,445<br>2,754  | 3,454<br>4,536   | 11,668<br>8,436  | 6,408<br>5,307   | 13,955<br>14,545 | 92<br>(D)                |
| Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) ..... | farms, 2002<br>1997 | 222<br>(NA)     | 85<br>(NA)       | 73<br>(NA)       | 96<br>(NA)       | 103<br>(NA)      | 331<br>(NA)              |
| acres, 2002<br>1997  | 8,377<br>(NA)       | 2,970<br>(NA)   | 2,590<br>(NA)    | 5,275<br>(NA)    | 5,213<br>(NA)    | 12,373<br>(NA)   | 7<br>(D)<br>(NA)         |
| Cropland on which all crops failed or were abandoned .....   | farms, 2002<br>1997 | 42<br>26        | 26<br>16         | 25<br>19         | 68<br>22         | 24<br>21         | 36<br>38                 |
| acres, 2002<br>1997  | 861<br>439          | 885<br>205      | 568<br>417       | 5,240<br>929     | 481<br>345       | 830<br>612       | -<br>-                   |
| Cropland in cultivated summer fallow .....   | farms, 2002<br>1997 | 27<br>22        | 26<br>9          | 16<br>23         | 26<br>31         | 23<br>27         | 40<br>52                 |
| acres, 2002<br>1997  | 570<br>732          | 590<br>190      | 296<br>541       | 1,153<br>935     | 714<br>455       | 752<br>2,328     | 2<br>(D)                 |
| Total woodland .....   | farms, 2002<br>1997 | 438<br>446      | 193<br>163       | 176<br>175       | 243<br>252       | 249<br>274       | 604<br>637               |
| acres, 2002<br>1997  | 21,197<br>20,235    | 10,254<br>9,744 | 17,945<br>17,638 | 22,475<br>18,580 | 14,440<br>15,073 | 19,055<br>18,295 | 28<br>20                 |
| Woodland pastured .....  | farms, 2002<br>1997 | 92<br>93        | 34<br>40         | 49<br>72         | 47<br>50         | 96<br>87         | 77<br>53                 |
| acres, 2002<br>1997  | 1,588<br>2,213      | 899<br>1,010    | 2,234<br>4,370   | 2,633<br>3,075   | 4,803<br>4,034   | 1,363<br>540     | 11<br>(D)<br>(D)         |
| Woodland not pastured .....  | farms, 2002<br>1997 | 399<br>403      | 178<br>153       | 159<br>137       | 213<br>230       | 188<br>219       | 554<br>609               |
| acres, 2002<br>1997  | 19,609<br>18,022    | 9,355<br>8,734  | 15,711<br>13,268 | 19,842<br>15,505 | 9,637<br>11,039  | 17,692<br>17,755 | 25<br>(D)                |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .....                                    | farms, 2002<br>1997 | 182<br>102      | 75<br>52         | 77<br>34         | 73<br>49         | 123<br>4,602     | 159<br>2,755             |
| acres, 2002<br>1997  | 3,667<br>2,837      | 2,383<br>1,778  | 3,878<br>3,108   | 4,424<br>7,087   | 4,602<br>4,162   | 122<br>4,162     | 7<br>(D)<br>305          |
| Land in house lots, ponds, roads, wasteland, etc. ....   | farms, 2002<br>1997 | 568<br>583      | 203<br>178       | 168<br>169       | 226<br>247       | 268<br>296       | 787<br>919               |
| acres, 2002<br>1997  | 16,220<br>14,461    | 4,178<br>3,994  | 2,930<br>3,522   | 5,475<br>7,447   | 4,797<br>4,052   | 14,435<br>16,166 | 33<br>(D)<br>1,747       |
| Pastureland, all types .....   | farms, 2002<br>1997 | 403<br>377      | 185<br>151       | 151<br>166       | 234<br>251       | 274<br>281       | 378<br>477               |
| acres, 2002<br>1997  | 12,636<br>15,692    | 6,734<br>6,986  | 10,542<br>13,694 | 22,205<br>26,228 | 17,958<br>19,334 | 9,053<br>11,285  | 34<br>26<br>1,198<br>740 |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                     |                 |                  |                  |                  |                  |                          |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....   | farms, 2002<br>1997 | 97<br>79        | 11<br>14         | 8<br>7           | 13<br>4          | 38<br>36         | 227<br>169               |
| acres, 2002<br>1997  | 4,629<br>3,290      | 362<br>725      | 158<br>351       | 574<br>134       | 1,931<br>2,129   | 7,172<br>7,373   | -<br>-                   |
| Land used to raise certified organically produced crops (see text) .....   | farms, 2002<br>1997 | 6<br>(NA)       | 1<br>(D)         | 1<br>(D)         | -<br>-           | -<br>(NA)        | 8<br>535<br>(NA)         |
| acres, 2002<br>1997  | (NA)                | (NA)            | (NA)             | (NA)             | (NA)             | (NA)             | (NA)                     |
| Land enrolled in federal or other crop insurance programs (see text) .....   | farms, 2002<br>1997 | 145<br>81,335   | 13<br>1,884      | 8<br>2,000       | 26<br>4,504      | 32<br>7,562      | 239<br>115,665<br>(NA)   |
| acres, 2002<br>1997  | (NA)                | (NA)            | (NA)             | (NA)             | (NA)             | (NA)             | (NA)                     |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Delta               | Dickinson  | Eaton            | Emmet            | Genesee          | Gladwin          | Gogebic          |
|--|---------------------|------------|------------------|------------------|------------------|------------------|------------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                     |            |                  |                  |                  |                  |                  |
| Total cropland - Con.  |                     |            |                  |                  |                  |                  |                  |
| Other cropland .....   | farms, 2002<br>1997 | 95<br>84   | 42<br>40         | 357<br>419       | 92<br>96         | 326<br>304       | 224<br>189       |
| acres, 2002<br>1997  | 4,684<br>3,516      |            | 2,850<br>2,451   | 15,714<br>21,120 | 2,434<br>2,656   | 11,187<br>10,943 | 10,225<br>7,801  |
| Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) ..... | farms, 2002<br>1997 | 75<br>(NA) | 37<br>(NA)       | 301<br>(NA)      | 64<br>(NA)       | 257<br>(NA)      | 185<br>(NA)      |
| acres, 2002<br>1997  | 3,845<br>(NA)       |            | 2,784<br>(NA)    | 14,180<br>(NA)   | 1,841<br>(NA)    | 9,081<br>(NA)    | 9,082<br>(NA)    |
| Cropland on which all crops failed or were abandoned .....   | farms, 2002<br>1997 | 22<br>13   | 1<br>-           | 55<br>26         | 19<br>9          | 80<br>35         | 37<br>11         |
| acres, 2002<br>1997  | 353<br>152          |            | (D)              | 938<br>389       | 266<br>79        | 1,091<br>706     | 387<br>154       |
| Cropland in cultivated summer fallow .....   | farms, 2002<br>1997 | 30<br>22   | 4<br>6           | 34<br>43         | 25<br>22         | 57<br>67         | 44<br>36         |
| acres, 2002<br>1997  | 486<br>1,189        |            | (D)              | 596<br>668       | 327<br>190       | 1,015<br>1,854   | 756<br>800       |
| Total woodland .....   | farms, 2002<br>1997 | 191<br>212 | 103<br>92        | 619<br>689       | 194<br>174       | 522<br>455       | 313<br>313       |
| acres, 2002<br>1997  | 23,182<br>23,370    |            | 10,838<br>11,693 | 22,430<br>27,452 | 12,253<br>10,600 | 13,292<br>10,624 | 12,066<br>15,088 |
| Woodland pastured .....  | farms, 2002<br>1997 | 70<br>77   | 30<br>37         | 99<br>130        | 50<br>50         | 82<br>76         | 95<br>117        |
| acres, 2002<br>1997  | 2,794<br>3,599      |            | 1,247<br>2,961   | 2,038<br>2,334   | 2,319<br>2,598   | 1,163<br>1,653   | 2,046<br>3,799   |
| Woodland not pastured .....  | farms, 2002<br>1997 | 166<br>187 | 88<br>84         | 548<br>627       | 174<br>157       | 474<br>403       | 258<br>233       |
| acres, 2002<br>1997  | 20,388<br>19,771    |            | 9,591<br>8,732   | 20,392<br>25,118 | 9,934<br>8,002   | 12,129<br>8,971  | 10,020<br>11,289 |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .....                                    | farms, 2002<br>1997 | 71<br>53   | 44<br>11         | 293<br>201       | 81<br>42         | 279<br>134       | 128<br>78        |
| acres, 2002<br>1997  | 3,394<br>3,872      |            | 1,333<br>311     | 6,168<br>4,680   | 2,304<br>1,744   | 4,218<br>2,815   | 3,354<br>3,174   |
| Land in house lots, ponds, roads, wasteland, etc. ....   | farms, 2002<br>1997 | 176<br>179 | 91<br>90         | 869<br>903       | 204<br>188       | 686<br>721       | 346<br>354       |
| acres, 2002<br>1997  | 6,062<br>4,254      |            | 2,632<br>4,094   | 15,751<br>12,741 | 3,713<br>4,410   | 8,982<br>8,045   | 4,706<br>3,768   |
| Pastureland, all types .....   | farms, 2002<br>1997 | 186<br>208 | 94<br>78         | 604<br>587       | 177<br>157       | 578<br>469       | 329<br>347       |
| acres, 2002<br>1997  | 16,538<br>16,834    |            | 4,214<br>5,143   | 15,089<br>18,042 | 10,016<br>11,645 | 10,659<br>10,009 | 16,268<br>16,949 |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                     |            |                  |                  |                  |                  |                  |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....   | farms, 2002<br>1997 | 2<br>7     | 7<br>6           | 199<br>222       | 6<br>3           | 42<br>28         | 85<br>84         |
| acres, 2002<br>1997  | (D)<br>471          |            | 225<br>367       | 10,922<br>14,596 | 340<br>119       | 2,037<br>1,815   | 5,202<br>5,271   |
| Land used to raise certified organically produced crops (see text) .....   | farms, 2002<br>1997 | -<br>(NA)  | -<br>(NA)        | -<br>(NA)        | -<br>(NA)        | 11<br>(NA)       | 2<br>(NA)        |
| acres, 2002<br>1997  | -<br>(NA)           |            | -<br>(NA)        | -<br>(NA)        | -<br>(NA)        | 887<br>(NA)      | -<br>(NA)        |
| Land enrolled in federal or other crop insurance programs (see text) .....   | farms, 2002<br>1997 | 44<br>(NA) | 24<br>(NA)       | 191<br>(NA)      | 12<br>(NA)       | 106<br>56,547    | 32<br>8,358      |
| acres, 2002<br>1997  | 11,221<br>(NA)      |            | 3,086<br>(NA)    | 101,655<br>(NA)  | 1,273<br>(NA)    | (NA)             | (NA)             |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Grand<br>Traverse   | Gratiot          | Hillsdale        | Houghton       | Huron            | Ingham           | Ionia                | Iosco                         |
|--|---------------------|------------------|------------------|----------------|------------------|------------------|----------------------|-------------------------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                     |                  |                  |                |                  |                  |                      |                               |
| Total cropland - Con.  |                     |                  |                  |                |                  |                  |                      |                               |
| Other cropland .....   | farms, 2002<br>1997 | 216<br>202       | 345<br>306       | 673<br>660     | 60<br>72         | 465<br>371       | 252<br>254           | 333<br>391                    |
| acres, 2002<br>1997  | 9,470<br>6,085      | 14,919<br>15,208 | 32,962<br>35,788 | 2,088<br>2,091 | 24,223<br>20,614 | 6,762<br>8,395   | 13,820<br>16,788     | 4,723<br>3,808                |
| Cropland idle or used for cover crops or<br>soil improvement, but not harvested and<br>not pastured or grazed (see text) ..... | farms, 2002<br>1997 | 176<br>(NA)      | 313<br>(NA)      | 605<br>(NA)    | 52<br>(NA)       | 422<br>(NA)      | 203<br>5,272<br>(NA) | 295<br>(NA)<br>12,475<br>(NA) |
| acres, 2002<br>1997  | 7,312<br>(NA)       | 13,659<br>(NA)   | 30,825<br>(NA)   | 1,782<br>(NA)  | 21,775<br>(NA)   | 5,272<br>(NA)    | 12,475<br>(NA)       | 3,893<br>(NA)                 |
| Cropland on which all crops failed<br>or were abandoned .....  | farms, 2002<br>1997 | 45<br>13         | 31<br>22         | 70<br>36       | 11<br>3          | 29<br>30         | 46<br>34             | 34<br>21                      |
| acres, 2002<br>1997  | 1,951<br>231        | 764<br>394       | 1,636<br>1,068   | 100<br>10      | 1,320<br>1,159   | 833<br>840       | 578<br>770           | 331<br>283                    |
| Cropland in cultivated summer fallow .....   | farms, 2002<br>1997 | 23<br>34         | 27<br>27         | 35<br>30       | 18<br>17         | 37<br>49         | 31<br>33             | 37<br>66                      |
| acres, 2002<br>1997  | 207<br>660          | 496<br>617       | 501<br>400       | 206<br>116     | 1,128<br>1,464   | 657<br>633       | 767<br>1,770         | 499<br>410                    |
| Total woodland .....   | farms, 2002<br>1997 | 249<br>262       | 516<br>492       | 839<br>844     | 122<br>117       | 463<br>509       | 489<br>507           | 622<br>642                    |
| acres, 2002<br>1997  | 10,489<br>12,060    | 20,045<br>17,417 | 32,338<br>28,635 | 9,049<br>9,869 | 17,761<br>20,486 | 14,551<br>17,331 | 19,737<br>22,989     | 8,177<br>12,160               |
| Woodland pastured .....  | farms, 2002<br>1997 | 37<br>31         | 65<br>76         | 97<br>128      | 22<br>24         | 69<br>68         | 76<br>70             | 89<br>111                     |
| acres, 2002<br>1997  | 1,193<br>814        | 1,193<br>1,377   | 2,194<br>2,120   | 590<br>974     | 2,462<br>1,725   | 1,341<br>1,272   | 1,503<br>1,272       | 2,188<br>2,798                |
| Woodland not pastured .....  | farms, 2002<br>1997 | 235<br>248       | 474<br>457       | 782<br>779     | 113<br>105       | 419<br>465       | 437<br>467           | 576<br>598                    |
| acres, 2002<br>1997  | 9,296<br>11,246     | 18,852<br>16,040 | 30,144<br>26,515 | 8,459<br>8,895 | 15,299<br>18,761 | 13,210<br>16,059 | 18,234<br>20,191     | 5,989<br>8,929                |
| Pastureland and rangeland, other than cropland<br>and woodland pastured (see text) .....                                       | farms, 2002<br>1997 | 84<br>49         | 158<br>98        | 278<br>187     | 55<br>35         | 89<br>76         | 269<br>153           | 266<br>184                    |
| acres, 2002<br>1997  | 2,173<br>2,522      | 2,634<br>3,139   | 5,164<br>3,933   | 2,226<br>1,181 | 2,591<br>2,865   | 3,345<br>3,359   | 7,337<br>4,021       | 2,480<br>925                  |
| Land in house lots, ponds, roads,<br>wasteland, etc. ....  | farms, 2002<br>1997 | 342<br>354       | 656<br>663       | 1,020<br>1,094 | 109<br>113       | 693<br>764       | 731<br>720           | 761<br>850                    |
| acres, 2002<br>1997  | 6,910<br>7,655      | 12,621<br>14,382 | 21,188<br>19,300 | 1,920<br>1,676 | 17,288<br>20,361 | 12,051<br>13,487 | 12,624<br>16,333     | 185<br>2,120                  |
| Pastureland, all types .....   | farms, 2002<br>1997 | 188<br>178       | 322<br>291       | 606<br>575     | 104<br>107       | 252<br>322       | 519<br>476           | 554<br>541                    |
| acres, 2002<br>1997  | 6,440<br>7,217      | 7,015<br>8,808   | 17,814<br>15,965 | 4,775<br>4,568 | 8,690<br>13,697  | 9,777<br>12,663  | 15,429<br>12,663     | 192<br>11,356                 |
| <b>CROP INSURANCE, CONSERVATION, AND<br/>ORGANIC PRACTICES</b>   |                     |                  |                  |                |                  |                  |                      |                               |
| Land enrolled in Conservation Reserve or Wetlands<br>Reserve Programs .....  | farms, 2002<br>1997 | 29<br>21         | 294<br>191       | 513<br>530     | 7<br>5           | 411<br>242       | 44<br>28             | 186<br>173                    |
| acres, 2002<br>1997  | 951<br>968          | 13,693<br>9,164  | 25,535<br>31,352 | 489<br>305     | 18,565<br>14,513 | 1,237<br>1,636   | 9,049<br>10,935      | 2,119<br>1,406                |
| Land used to raise certified organically<br>produced crops (see text) .....  | farms, 2002<br>1997 | 5<br>(NA)        | 10<br>(NA)       | 6<br>(NA)      | 1<br>(D)         | 3<br>(NA)        | 4<br>(NA)            | 12<br>(NA)                    |
| acres, 2002<br>1997  | 129<br>(NA)         | 834<br>(NA)      | 336<br>(NA)      | 442<br>(NA)    | 349<br>(NA)      | 554<br>(NA)      | 361<br>(NA)          | 1<br>(NA)                     |
| Land enrolled in federal or other crop<br>insurance programs (see text) .....  | farms, 2002<br>1997 | 53<br>(NA)       | 306<br>(NA)      | 162<br>(NA)    | 6<br>(NA)        | 445<br>(NA)      | 147<br>(NA)          | 170<br>(NA)                   |
| acres, 2002<br>1997  | 8,011<br>(NA)       | 162,746<br>(NA)  | 89,268<br>(NA)   | 720<br>(NA)    | 242,070<br>(NA)  | 82,467<br>(NA)   | 95,467<br>(NA)       | 21<br>4,530<br>(NA)           |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Iron                | Isabella         | Jackson          | Kalamazoo        | Kalkaska       | Kent             | Keweenaw    | Lake              |
|--|---------------------|------------------|------------------|------------------|----------------|------------------|-------------|-------------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                     |                  |                  |                  |                |                  |             |                   |
| Total cropland - Con.  |                     |                  |                  |                  |                |                  |             |                   |
| Other cropland .....   | farms, 2002<br>1997 | 33<br>27         | 379<br>369       | 361<br>386       | 227<br>212     | 75<br>64         | 351<br>432  | 5<br>2            |
| acres, 2002<br>1997  | 4,157<br>1,283      | 15,611<br>17,700 | 12,409<br>10,432 | 7,156<br>6,500   | 3,546<br>2,617 | 12,059<br>12,827 | 125<br>(D)  | 3,827<br>2,615    |
| Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) ..... | farms, 2002<br>1997 | 30<br>(NA)       | 317<br>(NA)      | 303<br>(NA)      | 187<br>(NA)    | 61<br>(NA)       | 299<br>(NA) | 5<br>(NA)         |
| acres, 2002<br>1997  | 2,078<br>(NA)       | 12,974<br>(NA)   | 10,452<br>(NA)   | 6,001<br>(NA)    | 2,569<br>(NA)  | 10,879<br>(NA)   | 125<br>(NA) | 3,692<br>(NA)     |
| Cropland on which all crops failed or were abandoned .....   | farms, 2002<br>1997 | 8<br>-           | 49<br>43         | 49<br>51         | 41<br>26       | 22<br>12         | 62<br>25    | -<br>-            |
| acres, 2002<br>1997  | 201<br>-            | 784<br>878       | 609<br>861       | 594<br>445       | 554<br>(D)     | 976<br>350       | -<br>-      | 73<br>76          |
| Cropland in cultivated summer fallow .....   | farms, 2002<br>1997 | 5<br>4           | 57<br>94         | 45<br>46         | 26<br>23       | 10<br>2          | 43<br>66    | -<br>-            |
| acres, 2002<br>1997  | 1,878<br>(D)        | 1,853<br>2,866   | 1,348<br>741     | 561<br>388       | 423<br>(D)     | 1,104<br>1,245   | -<br>-      | 62<br>469         |
| Total woodland .....   | farms, 2002<br>1997 | 74<br>90         | 532<br>534       | 622<br>593       | 364<br>373     | 116<br>87        | 580<br>642  | 4<br>8            |
| acres, 2002<br>1997  | 12,272<br>11,245    | 24,302<br>24,783 | 20,672<br>20,137 | 16,495<br>13,413 | 5,364<br>6,164 | 18,328<br>21,205 | 120<br>315  | 6,570<br>5,934    |
| Woodland pastured .....  | farms, 2002<br>1997 | 23<br>43         | 83<br>96         | 134<br>135       | 64<br>78       | 13<br>7          | 133<br>135  | 4<br>3            |
| acres, 2002<br>1997  | 2,051<br>4,261      | 2,602<br>2,533   | 2,389<br>2,510   | 2,210<br>1,238   | 451<br>191     | 2,002<br>1,962   | (D)<br>(D)  | 779<br>1,007      |
| Woodland not pastured .....  | farms, 2002<br>1997 | 63<br>70         | 482<br>483       | 543<br>529       | 333<br>325     | 108<br>83        | 508<br>579  | 2<br>5            |
| acres, 2002<br>1997  | 10,221<br>6,984     | 21,700<br>22,250 | 18,283<br>17,627 | 14,285<br>12,175 | 4,913<br>5,973 | 16,326<br>19,243 | (D)<br>(D)  | 5,791<br>4,927    |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .....                                    | farms, 2002<br>1997 | 24<br>20         | 183<br>156       | 371<br>227       | 197<br>108     | 45<br>29         | 323<br>225  | 1<br>2            |
| acres, 2002<br>1997  | 1,213<br>765        | 3,821<br>4,138   | 9,537<br>6,953   | 3,719<br>2,217   | 3,920<br>577   | 7,296<br>4,719   | (D)<br>(D)  | 1,374<br>2,280    |
| Land in house lots, ponds, roads, wasteland, etc. ....   | farms, 2002<br>1997 | 59<br>64         | 600<br>727       | 864<br>890       | 540<br>596     | 110<br>110       | 842<br>987  | 3<br>4            |
| acres, 2002<br>1997  | 3,156<br>1,242      | 10,950<br>15,321 | 17,846<br>20,567 | 9,086<br>13,252  | 1,362<br>2,166 | 14,924<br>14,350 | (D)<br>(D)  | 1,889<br>2,835    |
| Pastureland, all types .....   | farms, 2002<br>1997 | 68<br>77         | 396<br>478       | 707<br>639       | 387<br>373     | 101<br>74        | 669<br>679  | 8<br>6            |
| acres, 2002<br>1997  | 6,399<br>8,408      | 13,125<br>19,616 | 22,233<br>20,541 | 10,830<br>9,899  | 5,966<br>2,241 | 17,588<br>18,532 | 408<br>152  | 4,487<br>6,944    |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                     |                  |                  |                  |                |                  |             |                   |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....   | farms, 2002<br>1997 | 1<br>3           | 177<br>157       | 78<br>124        | 54<br>30       | 4<br>5           | 71<br>87    | -<br>-            |
| acres, 2002<br>1997  | (D)<br>3            | 7,732<br>10,569  | 3,334<br>5,630   | 1,754<br>1,278   | 152<br>251     | 3,087<br>4,408   | -<br>-      | 1,052<br>1,058    |
| Land used to raise certified organically produced crops (see text) .....   | farms, 2002<br>1997 | -<br>(NA)        | 8<br>(NA)        | 6<br>(NA)        | 4<br>(NA)      | 4<br>(NA)        | -<br>(NA)   | -<br>(NA)         |
| acres, 2002<br>1997  | -<br>(NA)           | 1,407<br>(NA)    | 152<br>(NA)      | 122<br>(NA)      | 64<br>(NA)     | 660<br>(NA)      | -<br>(NA)   | -<br>(NA)         |
| Land enrolled in federal or other crop insurance programs (see text) .....   | farms, 2002<br>1997 | 5<br>(NA)        | 203<br>(NA)      | 119<br>(NA)      | 117<br>(NA)    | 8<br>(NA)        | 124<br>(NA) | -<br>(NA)         |
| acres, 2002<br>1997  | 538<br>(NA)         | 69,068<br>(NA)   | 55,451<br>(NA)   | 47,477<br>(NA)   | 1,357<br>(NA)  | 42,972<br>(NA)   | -<br>(NA)   | 11<br>565<br>(NA) |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Lapeer              | Leelanau         | Lenawee          | Livingston       | Luce           | Mackinac       | Macomb         | Manistee         |
|--|---------------------|------------------|------------------|------------------|----------------|----------------|----------------|------------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                     |                  |                  |                  |                |                |                |                  |
| Total cropland - Con.  |                     |                  |                  |                  |                |                |                |                  |
| Other cropland   | farms, 2002<br>1997 | 384<br>461       | 205<br>205       | 608<br>520       | 204<br>223     | 6<br>9         | 29<br>32       | 154<br>227       |
| acres, 2002<br>1997  | 13,468<br>16,069    | 8,365<br>8,283   | 30,520<br>26,634 | 5,260<br>5,785   | 279<br>446     | 1,913<br>2,129 | 4,886<br>7,859 | 4,742<br>6,130   |
| Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) | farms, 2002<br>1997 | 292<br>(NA)      | 170<br>(NA)      | 557<br>(NA)      | 160<br>(NA)    | 4<br>(NA)      | 20<br>(NA)     | 116<br>(NA)      |
| acres, 2002<br>1997  | 10,163<br>(NA)      | 6,206<br>(NA)    | 29,128<br>(NA)   | 3,984<br>(NA)    | 147<br>(NA)    | 1,244<br>(NA)  | 3,358<br>(NA)  | 3,460<br>(NA)    |
| Cropland on which all crops failed or were abandoned   | farms, 2002<br>1997 | 78<br>71         | 54<br>9          | 45<br>36         | 37<br>36       | 2<br>-         | 13<br>4        | 42<br>32         |
| acres, 2002<br>1997  | 1,503<br>1,885      | 1,923<br>188     | 916<br>950       | 684<br>631       | (D)            | (D)            | 607<br>500     | 871<br>728       |
| Cropland in cultivated summer fallow   | farms, 2002<br>1997 | 99<br>117        | 30<br>17         | 32<br>33         | 30<br>39       | 2<br>-         | 6<br>8         | 38<br>64         |
| acres, 2002<br>1997  | 1,802<br>2,503      | 236<br>238       | 476<br>1,834     | 592<br>978       | (D)            | (D)            | 921<br>2,080   | 411<br>470       |
| Total woodland   | farms, 2002<br>1997 | 620<br>623       | 311<br>289       | 618<br>625       | 429<br>351     | 16<br>23       | 51<br>70       | 173<br>215       |
| acres, 2002<br>1997  | 18,948<br>20,194    | 13,675<br>15,064 | 20,513<br>20,159 | 12,240<br>9,680  | 1,994<br>2,805 | 4,910<br>5,578 | 4,247<br>5,142 | 13,535<br>13,192 |
| Woodland pastured  | farms, 2002<br>1997 | 118<br>98        | 37<br>39         | 66<br>57         | 101<br>74      | 8<br>8         | 19<br>22       | 36<br>23         |
| acres, 2002<br>1997  | 1,725<br>1,236      | 1,912<br>1,377   | 1,348<br>1,465   | 1,426<br>1,303   | 609<br>(D)     | 570<br>(D)     | 810<br>556     | 1,826<br>1,348   |
| Woodland not pastured  | farms, 2002<br>1997 | 543<br>575       | 283<br>275       | 578<br>593       | 370<br>305     | 14<br>19       | 46<br>62       | 148<br>196       |
| acres, 2002<br>1997  | 17,223<br>18,958    | 11,763<br>13,687 | 19,165<br>18,694 | 10,814<br>8,377  | 1,385<br>(D)   | 4,340<br>(D)   | 3,437<br>4,586 | 11,709<br>11,844 |
| Pastureland and rangeland, other than cropland and woodland pastured (see text)                                    | farms, 2002<br>1997 | 333<br>206       | 72<br>52         | 165<br>153       | 336<br>148     | 5<br>9         | 19<br>11       | 94<br>57         |
| acres, 2002<br>1997  | 5,480<br>3,702      | 1,774<br>1,750   | 3,613<br>3,215   | 4,464<br>4,947   | 1,343<br>(D)   | 2,807<br>(D)   | 1,486<br>987   | 1,460<br>2,380   |
| Land in house lots, ponds, roads, wasteland, etc.  | farms, 2002<br>1997 | 859<br>927       | 318<br>308       | 913<br>1,017     | 609<br>582     | 18<br>16       | 38<br>56       | 335<br>421       |
| acres, 2002<br>1997  | 11,605<br>13,320    | 8,470<br>8,675   | 14,759<br>14,149 | 10,207<br>10,546 | 608<br>1,525   | 628<br>(D)     | 3,717<br>5,079 | 4,551<br>5,750   |
| Pastureland, all types   | farms, 2002<br>1997 | 686<br>696       | 145<br>137       | 406<br>424       | 572<br>454     | 13<br>22       | 49<br>53       | 198<br>194       |
| acres, 2002<br>1997  | 16,006<br>16,569    | 6,536<br>6,284   | 8,640<br>9,687   | 10,300<br>12,945 | 3,961<br>4,093 | 5,365<br>5,998 | 4,174<br>3,445 | 6,349<br>8,042   |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                     |                  |                  |                  |                |                |                |                  |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs   | farms, 2002<br>1997 | 62<br>59         | 4<br>15          | 528<br>378       | 19<br>31       | -<br>-         | -<br>-         | 9<br>24          |
| acres, 2002<br>1997  | 2,761<br>3,121      | 82<br>459        | 25,799<br>24,009 | 642<br>1,217     | -<br>-         | -<br>-         | -<br>-         | 15<br>150        |
| Land used to raise certified organically produced crops (see text)   | farms, 2002<br>1997 | 6<br>(NA)        | 2<br>(D)         | 11<br>(NA)       | 2<br>(NA)      | -<br>(NA)      | -<br>(NA)      | 4<br>529         |
| acres, 2002<br>1997  | 793<br>(NA)         | (NA)<br>(NA)     | 1,600<br>(NA)    | (D)<br>(NA)      | (NA)<br>(NA)   | (NA)<br>(NA)   | (NA)<br>(NA)   | 4<br>267         |
| Land enrolled in federal or other crop insurance programs (see text)   | farms, 2002<br>1997 | 116<br>55,578    | 65<br>6,882      | 276<br>(NA)      | 55<br>24,258   | 2<br>(NA)      | 4<br>(D)       | 49<br>20,504     |
| acres, 2002<br>1997  | (NA)<br>(NA)        | (NA)<br>(NA)     | 160,509<br>(NA)  | (NA)<br>(NA)     | (NA)<br>(NA)   | (NA)<br>(NA)   | (NA)<br>(NA)   | 36<br>3,338      |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Marquette           | Mason            | Mecosta          | Menominee        | Midland          | Missaukee        | Monroe         | Montcalm         |
|--|---------------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                     |                  |                  |                  |                  |                  |                |                  |
| Total cropland - Con.  |                     |                  |                  |                  |                  |                  |                |                  |
| Other cropland   | farms, 2002<br>1997 | 27<br>32         | 206<br>244       | 357<br>306       | 107<br>138       | 176<br>131       | 125<br>136     | 273<br>238       |
| acres, 2002<br>1997  | 928<br>1,244        | 8,559<br>9,095   | 14,799<br>12,415 | 5,082<br>6,376   | 5,571<br>4,255   | 6,377<br>6,157   | 8,172<br>6,889 | 22,419<br>21,050 |
| Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) | farms, 2002<br>1997 | 25<br>(NA)       | 165<br>(NA)      | 297<br>(NA)      | 75<br>(NA)       | 149<br>(NA)      | 79<br>(NA)     | 210<br>(NA)      |
| acres, 2002<br>1997  | 509<br>(NA)         | 6,530<br>(NA)    | 12,478<br>(NA)   | 3,082<br>(NA)    | 5,122<br>(NA)    | 3,852<br>(NA)    | 6,385<br>(NA)  | 19,434<br>(NA)   |
| Cropland on which all crops failed or were abandoned   | farms, 2002<br>1997 | 3<br>1           | 36<br>23         | 64<br>50         | 42<br>27         | 22<br>11         | 24<br>10       | 72<br>66         |
| acres, 2002<br>1997  | (D)<br>(D)          | 571<br>447       | 1,010<br>842     | 956<br>445       | 308<br>169       | 1,172<br>101     | 1,482<br>1,262 | 1,432<br>651     |
| Cropland in cultivated summer fallow   | farms, 2002<br>1997 | 4<br>2           | 46<br>64         | 53<br>66         | 15<br>22         | 18<br>26         | 35<br>27       | 20<br>15         |
| acres, 2002<br>1997  | (D)<br>(D)          | 1,458<br>1,269   | 1,311<br>1,598   | 1,044<br>475     | 141<br>570       | 1,353<br>483     | 305<br>706     | 1,553<br>2,315   |
| Total woodland   | farms, 2002<br>1997 | 125<br>90        | 285<br>281       | 535<br>429       | 256<br>308       | 284<br>290       | 241<br>237     | 388<br>353       |
| acres, 2002<br>1997  | 15,108<br>13,533    | 11,968<br>13,849 | 23,534<br>20,182 | 30,545<br>41,444 | 11,634<br>14,670 | 19,001<br>15,200 | 8,432<br>7,177 | 33,856<br>33,955 |
| Woodland pastured  | farms, 2002<br>1997 | 37<br>31         | 36<br>34         | 130<br>103       | 70<br>100        | 61<br>73         | 57<br>62       | 77<br>85         |
| acres, 2002<br>1997  | 1,877<br>2,677      | 946<br>1,392     | 4,797<br>2,892   | 3,024<br>5,385   | 2,941<br>2,955   | 4,430<br>2,440   | 1,049<br>371   | 2,647<br>1,687   |
| Woodland not pastured  | farms, 2002<br>1997 | 102<br>85        | 270<br>264       | 470<br>387       | 239<br>276       | 252<br>246       | 212<br>206     | 331<br>324       |
| acres, 2002<br>1997  | 13,231<br>10,856    | 11,022<br>12,457 | 18,737<br>17,290 | 27,521<br>36,059 | 8,693<br>11,715  | 14,571<br>12,760 | 7,383<br>6,806 | 31,209<br>32,268 |
| Pastureland and rangeland, other than cropland and woodland pastured (see text)                                    | farms, 2002<br>1997 | 62<br>33         | 116<br>55        | 193<br>116       | 90<br>44         | 101<br>75        | 73<br>42       | 152<br>92        |
| acres, 2002<br>1997  | 1,740<br>704        | 2,380<br>3,264   | 3,909<br>3,694   | 3,350<br>1,669   | 2,305<br>1,472   | 2,311<br>1,723   | 1,636<br>1,002 | 3,456<br>3,160   |
| Land in house lots, ponds, roads, wasteland, etc.  | farms, 2002<br>1997 | 115<br>100       | 311<br>336       | 534<br>484       | 241<br>263       | 298<br>333       | 254<br>267     | 722<br>749       |
| acres, 2002<br>1997  | 2,354<br>2,472      | 7,802<br>6,342   | 8,488<br>8,694   | 8,223<br>6,453   | 4,339<br>4,509   | 6,417<br>8,009   | 7,734<br>6,897 | 19,677<br>18,539 |
| Pastureland, all types   | farms, 2002<br>1997 | 123<br>90        | 214<br>196       | 478<br>430       | 239<br>242       | 222<br>227       | 220<br>204     | 339<br>289       |
| acres, 2002<br>1997  | 5,358<br>7,159      | 6,456<br>8,359   | 19,634<br>20,731 | 12,760<br>14,997 | 8,081<br>8,153   | 12,223<br>11,207 | 5,121<br>3,684 | 14,311<br>14,128 |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                     |                  |                  |                  |                  |                  |                |                  |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs   | farms, 2002<br>1997 | 1<br>-           | 39<br>(D)        | 113<br>1,515     | 7<br>566         | 99<br>3,576      | 21<br>1,297    | 93<br>1,382      |
| acres, 2002<br>1997  | -<br>878            | 22<br>5,267      | 110<br>837       | 14<br>1,435      | 37<br>1,435      | 27<br>1,382      | 37<br>1,244    | 207<br>11,992    |
| Land used to raise certified organically produced crops (see text)   | farms, 2002<br>1997 | 1<br>(NA)        | 3<br>(D)         | 1<br>(NA)        | 3<br>(D)         | 4<br>370         | 2<br>(NA)      | 11<br>441        |
| acres, 2002<br>1997  | (NA)                | (NA)             | (NA)             | (NA)             | (NA)             | (NA)             | (NA)           | (NA)             |
| Land enrolled in federal or other crop insurance programs (see text)   | farms, 2002<br>1997 | 8<br>1,537       | 35<br>8,993      | 81<br>19,565     | 76<br>16,969     | 70<br>29,664     | 65<br>12,803   | 252<br>110,690   |
| acres, 2002<br>1997  | (NA)                | (NA)             | (NA)             | (NA)             | (NA)             | (NA)             | (NA)           | (NA)             |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Montmorency         | Muskegon         | Newaygo          | Oakland        | Oceana           | Ogemaw           | Ontonagon        | Osceola             |
|--|---------------------|------------------|------------------|----------------|------------------|------------------|------------------|---------------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                     |                  |                  |                |                  |                  |                  |                     |
| Total cropland - Con.  |                     |                  |                  |                |                  |                  |                  |                     |
| Other cropland .....   | farms, 2002<br>1997 | 47<br>46         | 157<br>142       | 331<br>340     | 123<br>177       | 318<br>321       | 91<br>107        | 32<br>35            |
| acres, 2002<br>1997  | 1,364<br>2,004      | 3,820<br>4,590   | 11,152<br>9,493  | 3,986<br>6,380 | 12,522<br>14,908 | 4,672<br>4,741   | 2,428<br>1,646   | 12,053<br>9,015     |
| Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) ..... | farms, 2002<br>1997 | 31<br>(NA)       | 115<br>(NA)      | 265<br>(NA)    | 98<br>(NA)       | 274<br>(NA)      | 75<br>(NA)       | 22<br>(NA)          |
| acres, 2002<br>1997  | 967<br>(NA)         | 2,629<br>(NA)    | 8,162<br>(NA)    | 3,061<br>(NA)  | 9,608<br>(NA)    | 3,350<br>(NA)    | 1,725<br>(NA)    | 10,295<br>(NA)      |
| Cropland on which all crops failed or were abandoned .....   | farms, 2002<br>1997 | 6<br>8           | 38<br>10         | 54<br>51       | 29<br>26         | 61<br>27         | 22<br>26         | 13<br>4             |
| acres, 2002<br>1997  | 176<br>230          | 522<br>95        | 1,493<br>1,342   | 396<br>585     | 1,234<br>581     | 350<br>686       | (D)<br>(D)       | 507<br>221          |
| Cropland in cultivated summer fallow .....   | farms, 2002<br>1997 | 13<br>12         | 24<br>25         | 45<br>78       | 14<br>28         | 49<br>66         | 30<br>38         | 1<br>1              |
| acres, 2002<br>1997  | 221<br>242          | 669<br>750       | 1,497<br>1,299   | 529<br>1,183   | 1,680<br>1,745   | 972<br>1,169     | (D)<br>(D)       | 1,251<br>1,719      |
| Total woodland .....   | farms, 2002<br>1997 | 87<br>77         | 271<br>234       | 577<br>515     | 223<br>216       | 405<br>431       | 152<br>180       | 86<br>84            |
| acres, 2002<br>1997  | 5,564<br>4,916      | 14,689<br>12,767 | 25,911<br>21,760 | 5,013<br>6,402 | 23,088<br>26,069 | 12,558<br>16,849 | 9,661<br>10,597  | 22,543<br>22,943    |
| Woodland pastured .....  | farms, 2002<br>1997 | 31<br>24         | 51<br>57         | 163<br>121     | 55<br>51         | 55<br>64         | 53<br>59         | 38<br>30            |
| acres, 2002<br>1997  | 1,522<br>796        | 6,585<br>1,103   | 3,211<br>2,634   | 1,349<br>1,118 | 1,362<br>1,528   | 2,306<br>7,670   | 2,923<br>2,700   | 4,616<br>5,511      |
| Woodland not pastured .....  | farms, 2002<br>1997 | 67<br>65         | 243<br>214       | 509<br>477     | 193<br>188       | 375<br>396       | 129<br>146       | 75<br>75            |
| acres, 2002<br>1997  | 4,042<br>4,120      | 8,104<br>11,664  | 22,700<br>19,126 | 3,664<br>5,284 | 21,726<br>24,541 | 10,252<br>9,179  | 6,738<br>7,897   | 17,927<br>17,432    |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .....                                    | farms, 2002<br>1997 | 34<br>20         | 151<br>79        | 254<br>133     | 263<br>170       | 125<br>79        | 64<br>26         | 29<br>22            |
| acres, 2002<br>1997  | 855<br>956          | 1,911<br>1,360   | 4,855<br>3,166   | 4,029<br>2,821 | 3,020<br>5,078   | 3,258<br>1,101   | 2,953<br>3,291   | 7,105<br>5,868      |
| Land in house lots, ponds, roads, wasteland, etc. ....   | farms, 2002<br>1997 | 77<br>85         | 345<br>344       | 633<br>586     | 429<br>476       | 474<br>461       | 174<br>205       | 65<br>68            |
| acres, 2002<br>1997  | 1,241<br>2,476      | 8,179<br>7,025   | 11,165<br>11,963 | 6,769<br>5,034 | 12,234<br>12,174 | 5,090<br>4,660   | 1,515<br>2,752   | 11,234<br>10,209    |
| Pastureland, all types .....   | farms, 2002<br>1997 | 96<br>83         | 307<br>246       | 560<br>477     | 429<br>376       | 288<br>284       | 162<br>177       | 83<br>69            |
| acres, 2002<br>1997  | 4,511<br>4,040      | 11,667<br>6,166  | 17,673<br>17,057 | 9,417<br>7,208 | 9,416<br>12,053  | 11,463<br>15,519 | 10,212<br>15,519 | 22,651<br>9,711     |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                     |                  |                  |                |                  |                  |                  |                     |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....   | farms, 2002<br>1997 | 3<br>8           | 23<br>17         | 46<br>53       | 1<br>16          | 29<br>26         | 17<br>15         | -<br>-              |
| acres, 2002<br>1997  | 87<br>402           | 822<br>591       | 1,493<br>1,676   | (D)<br>1,114   | 1,527<br>1,689   | 617<br>1,313     | -<br>-           | 57<br>51            |
| Land used to raise certified organically produced crops (see text) .....   | farms, 2002<br>1997 | -<br>(NA)        | 1<br>(NA)        | 3<br>(NA)      | 1<br>(NA)        | 1<br>(NA)        | -<br>(NA)        | -<br>(NA)           |
| acres, 2002<br>1997  | -<br>(NA)           | -(D)<br>(NA)     | -(D)<br>(NA)     | 42<br>(NA)     | (D)<br>(NA)      | -<br>(NA)        | -<br>(NA)        | -<br>(NA)           |
| Land enrolled in federal or other crop insurance programs (see text) .....   | farms, 2002<br>1997 | 8<br>(NA)        | 48<br>(NA)       | 87<br>(NA)     | 11<br>(NA)       | 58<br>(NA)       | 54<br>(NA)       | 9<br>(NA)           |
| acres, 2002<br>1997  | 1,605<br>(NA)       | 20,327<br>(NA)   | 17,547<br>(NA)   | 2,513<br>(NA)  | 19,611<br>(NA)   | 15,334<br>(NA)   | 1,587<br>(NA)    | 60<br>9,657<br>(NA) |

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Oscoda              | Otsego           | Ottawa           | Presque Isle     | Roscommon      | Saginaw          | St. Clair        | St. Joseph       |
|--|---------------------|------------------|------------------|------------------|----------------|------------------|------------------|------------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                     |                  |                  |                  |                |                  |                  |                  |
| Total cropland - Con.  |                     |                  |                  |                  |                |                  |                  |                  |
| Other cropland .....   | farms, 2002<br>1997 | 34<br>36         | 76<br>80         | 363<br>425       | 130<br>164     | 10<br>11         | 456<br>311       | 433<br>483       |
| acres, 2002<br>1997  | 1,005<br>971        | 4,064<br>3,575   | 11,446<br>14,373 | 6,896<br>9,419   | 465<br>242     | 15,397<br>8,615  | 11,715<br>16,763 | 8,462<br>8,456   |
| Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) ..... | farms, 2002<br>1997 | 23<br>(NA)       | 58<br>(NA)       | 289<br>(NA)      | 87<br>(NA)     | 7<br>(NA)        | 381<br>(NA)      | 320<br>(NA)      |
| acres, 2002<br>1997  | 617<br>(NA)         | 3,139<br>(NA)    | 8,315<br>(NA)    | 4,147<br>(NA)    | 333<br>(NA)    | 12,670<br>(NA)   | 7,031<br>(NA)    | 6,935<br>(NA)    |
| Cropland on which all crops failed or were abandoned .....   | farms, 2002<br>1997 | 8<br>3           | 15<br>13         | 57<br>28         | 33<br>25       | 3<br>1           | 78<br>47         | 90<br>64         |
| acres, 2002<br>1997  | 251<br>72           | 428<br>414       | 974<br>700       | 818<br>941       | 78<br>(D)      | 1,642<br>490     | 1,855<br>1,167   | 323<br>506       |
| Cropland in cultivated summer fallow .....   | farms, 2002<br>1997 | 10<br>8          | 20<br>20         | 63<br>68         | 49<br>47       | 6<br>3           | 43<br>32         | 86<br>157        |
| acres, 2002<br>1997  | 137<br>67           | 497<br>395       | 2,157<br>1,578   | 1,931<br>1,088   | 54<br>(D)      | 1,085<br>901     | 2,829<br>4,324   | 1,204<br>596     |
| Total woodland .....   | farms, 2002<br>1997 | 89<br>61         | 101<br>117       | 469<br>543       | 206<br>233     | 32<br>24         | 656<br>573       | 602<br>522       |
| acres, 2002<br>1997  | 4,788<br>3,426      | 10,352<br>13,019 | 10,795<br>14,821 | 18,359<br>21,587 | 2,621<br>1,089 | 22,841<br>18,504 | 13,596<br>12,829 | 18,883<br>16,658 |
| Woodland pastured .....  | farms, 2002<br>1997 | 43<br>26         | 24<br>35         | 105<br>111       | 50<br>72       | 17<br>15         | 68<br>61         | 114<br>115       |
| acres, 2002<br>1997  | 2,477<br>834        | 2,119<br>2,374   | 1,730<br>1,810   | 2,508<br>3,521   | 1,901<br>464   | 2,522<br>1,412   | 1,581<br>1,412   | 1,226<br>1,312   |
| Woodland not pastured .....  | farms, 2002<br>1997 | 70<br>50         | 91<br>107        | 386<br>474       | 185<br>209     | 21<br>14         | 608<br>540       | 525<br>465       |
| acres, 2002<br>1997  | 2,311<br>2,592      | 8,233<br>10,645  | 9,065<br>13,011  | 15,851<br>18,066 | 720<br>625     | 20,319<br>17,092 | 12,015<br>10,677 | 17,657<br>15,346 |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .....                                    | farms, 2002<br>1997 | 40<br>25         | 44<br>30         | 277<br>173       | 61<br>56       | 12<br>7          | 141<br>89        | 277<br>134       |
| acres, 2002<br>1997  | 1,358<br>1,847      | 1,634<br>1,560   | 4,323<br>2,940   | 3,647<br>2,840   | 1,584<br>266   | 1,866<br>1,625   | 4,412<br>2,389   | 3,662<br>2,820   |
| Land in house lots, ponds, roads, wasteland, etc. ....   | farms, 2002<br>1997 | 77<br>58         | 119<br>101       | 859<br>1,031     | 179<br>211     | 30<br>21         | 812<br>843       | 864<br>791       |
| acres, 2002<br>1997  | 1,268<br>1,128      | 2,670<br>2,401   | 12,661<br>14,571 | 4,464<br>6,004   | 468<br>253     | 12,919<br>11,960 | 10,459<br>9,822  | 12,152<br>15,777 |
| Pastureland, all types .....   | farms, 2002<br>1997 | 101<br>73        | 86<br>91         | 568<br>637       | 167<br>208     | 24<br>27         | 307<br>270       | 616<br>546       |
| acres, 2002<br>1997  | 6,480<br>5,635      | 6,850<br>7,297   | 12,148<br>13,592 | 11,237<br>13,780 | 4,080<br>1,460 | 6,738<br>6,140   | 14,207<br>13,114 | 10,333<br>11,436 |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                     |                  |                  |                  |                |                  |                  |                  |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....   | farms, 2002<br>1997 | -<br>2           | 2<br>12          | 48<br>70         | 24<br>21       | -<br>2           | 247<br>71        | 56<br>50         |
| acres, 2002<br>1997  | (D)<br>602          | (D)<br>2,842     | 1,721<br>710     | 1,300<br>(D)     | 8,363<br>2,802 | 1,874<br>2,638   | 5,157<br>5,538   |                  |
| Land used to raise certified organically produced crops (see text) .....   | farms, 2002<br>1997 | -<br>(NA)        | -<br>(NA)        | 5<br>(NA)        | 3<br>88        | -<br>(NA)        | 8<br>692         | 2<br>(D)         |
| acres, 2002<br>1997  | (NA)<br>(NA)        | (NA)<br>(NA)     | (NA)<br>(NA)     | (NA)<br>(NA)     | (NA)<br>(NA)   | (NA)<br>(NA)     | (NA)<br>(NA)     | 4<br>(NA)        |
| Land enrolled in federal or other crop insurance programs (see text) .....   | farms, 2002<br>1997 | 2<br>(NA)        | 22<br>2,424      | 222<br>64,464    | 31<br>7,449    | 1<br>(NA)        | 389<br>185,237   | 135<br>66,809    |
| acres, 2002<br>1997  | (D)<br>(NA)         | (NA)<br>(NA)     | (NA)<br>(NA)     | (NA)<br>(NA)     | (NA)<br>(NA)   | (NA)<br>(NA)     | (NA)<br>(NA)     | 121<br>62,807    |

See footnote(s) at end of table.

--continued

**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Sanilac             | Schoolcraft     | Shiawassee     | Tuscola          | Van Buren        | Washtenaw        | Wayne            | Wexford        |
|--|---------------------|-----------------|----------------|------------------|------------------|------------------|------------------|----------------|
| <b>LAND IN FARMS ACCORDING TO USE - Con.</b>   |                     |                 |                |                  |                  |                  |                  |                |
| Total cropland - Con.  |                     |                 |                |                  |                  |                  |                  |                |
| Other cropland .....   | farms, 2002<br>1997 | 596<br>687      | 7<br>11        | 319<br>333       | 510<br>421       | 463<br>535       | 387<br>369       | 77<br>122      |
| acres, 2002<br>1997  | 32,472<br>36,281    |                 | 123<br>448     | 10,984<br>9,313  | 20,073<br>16,986 | 19,963<br>18,491 | 11,859<br>12,653 | 2,052<br>6,676 |
| Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) ..... | farms, 2002<br>1997 | 446<br>(NA)     | 6<br>(NA)      | 251<br>(NA)      | 446<br>(NA)      | 387<br>(NA)      | 309<br>(NA)      | 60<br>(NA)     |
| acres, 2002<br>1997  | 25,388<br>(NA)      |                 |                | 7,849<br>(NA)    | 18,532<br>(NA)   | 16,948<br>(NA)   | 8,946<br>(NA)    | 1,356<br>(NA)  |
| Cropland on which all crops failed or were abandoned .....   | farms, 2002<br>1997 | 101<br>81       | -<br>3         | 58<br>34         | 57<br>76         | 92<br>57         | 62<br>31         | 19<br>10       |
| acres, 2002<br>1997  | 2,812<br>2,026      |                 |                | 1,573<br>(D)     | 714<br>472       | 1,939<br>1,895   | 2,024<br>620     | 628<br>356     |
| Cropland in cultivated summer fallow .....   | farms, 2002<br>1997 | 102<br>203      | 2<br>4         | 66<br>51         | 41<br>73         | 40<br>45         | 47<br>48         | 11<br>13       |
| acres, 2002<br>1997  | 4,272<br>6,619      |                 |                | 1,562<br>51      | 827<br>1,299     | 1,076<br>1,465   | 889<br>838       | 524<br>486     |
| Total woodland .....   | farms, 2002<br>1997 | 733<br>731      | 38<br>38       | 552<br>572       | 661<br>649       | 624<br>705       | 563<br>579       | 106<br>86      |
| acres, 2002<br>1997  | 24,474<br>25,326    |                 | 4,663<br>4,827 | 19,186<br>15,483 | 19,399<br>26,116 | 22,520<br>24,172 | 13,576<br>13,541 | 233<br>193     |
| Woodland pastured .....  | farms, 2002<br>1997 | 106<br>107      | 13<br>13       | 68<br>57         | 115<br>138       | 103<br>91        | 93<br>99         | 21<br>16       |
| acres, 2002<br>1997  | 2,682<br>2,658      |                 | 1,600<br>592   | 1,179<br>1,200   | 2,173<br>4,814   | 2,036<br>1,912   | 2,363<br>1,136   | 52<br>34       |
| Woodland not pastured .....  | farms, 2002<br>1997 | 668<br>674      | 29<br>32       | 511<br>539       | 603<br>577       | 569<br>669       | 505<br>518       | 1,243<br>1,321 |
| acres, 2002<br>1997  | 21,792<br>22,668    |                 | 3,063<br>4,235 | 18,007<br>14,283 | 17,226<br>21,302 | 20,484<br>22,260 | 11,213<br>12,405 | 201<br>175     |
| Pastureland and rangeland, other than cropland and woodland pastured (see text) .....                                    | farms, 2002<br>1997 | 249<br>197      | 13<br>17       | 200<br>114       | 209<br>129       | 253<br>139       | 371<br>163       | 98<br>64       |
| acres, 2002<br>1997  | 5,030<br>6,469      |                 | 499<br>582     | 2,248<br>1,873   | 3,334<br>3,910   | 4,597<br>2,173   | 4,851<br>2,460   | 106<br>822     |
| Land in house lots, ponds, roads, wasteland, etc. ....   | farms, 2002<br>1997 | 1,033<br>11,113 | 33<br>34       | 757<br>755       | 813<br>895       | 808<br>926       | 922<br>890       | 182<br>224     |
| acres, 2002<br>1997  | 23,170<br>19,729    |                 | 504<br>2,004   | 12,289<br>15,859 | 15,667<br>15,281 | 16,372<br>20,005 | 16,636<br>13,641 | 251<br>4,301   |
| Pastureland, all types .....   | farms, 2002<br>1997 | 582<br>712      | 37<br>39       | 452<br>383       | 499<br>532       | 485<br>442       | 698<br>573       | 5,060<br>1,321 |
| acres, 2002<br>1997  | 16,645<br>24,027    |                 | 4,659<br>4,460 | 8,237<br>8,317   | 12,570<br>18,848 | 12,257<br>12,486 | 12,797<br>11,557 | 147<br>5,346   |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>   |                     |                 |                |                  |                  |                  |                  |                |
| Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....   | farms, 2002<br>1997 | 340<br>307      | -<br>2         | 95<br>53         | 306<br>151       | 105<br>95        | 44<br>68         | 7<br>31        |
| acres, 2002<br>1997  | 19,727<br>20,713    |                 |                | 3,882<br>2,424   | 12,429<br>8,069  | 4,075<br>5,510   | 1,655<br>2,778   | 16<br>2,217    |
| Land used to raise certified organically produced crops (see text) .....   | farms, 2002<br>1997 | 16<br>(NA)      | -<br>(NA)      | 7<br>(NA)        | 14<br>(NA)       | 9<br>(NA)        | 10<br>(NA)       | 4<br>(NA)      |
| acres, 2002<br>1997  | 2,804<br>(NA)       |                 |                | 1,149<br>(NA)    | 3,102<br>(NA)    | 122<br>(NA)      | 1,046<br>(NA)    | -<br>(NA)      |
| Land enrolled in federal or other crop insurance programs (see text) .....   | farms, 2002<br>1997 | 369<br>(NA)     | 6<br>(NA)      | 198<br>(NA)      | 293<br>(NA)      | 276<br>(NA)      | 110<br>(NA)      | 22<br>(NA)     |
| acres, 2002<br>1997  | 189,882<br>(NA)     |                 | 2,823<br>(NA)  | 98,826<br>(NA)   | 172,146<br>(NA)  | 53,485<br>(NA)   | 44,489<br>(NA)   | 18<br>2,042    |

<sup>1</sup> Data are based on a sample of farms.

**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan  | Alcona | Alger | Allegan | Alpena | Antrim | Arenac |
|--|-----------|--------|-------|---------|--------|--------|--------|
| Farms ..... number, 2002                     | 38,244    | 180    | 48    | 1,147   | 373    | 282    | 237    |
| 1997   | 42,704    | 197    | 65    | 1,269   | 414    | 244    | 254    |
| acres harvested, 2002                        | 6,827,903 | 18,505 | 5,577 | 173,538 | 36,063 | 22,106 | 55,024 |
| 1997   | 6,989,300 | 19,780 | 6,445 | 182,651 | 41,746 | 22,439 | 59,167 |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |           |        |       |         |        |        |        |
| 2002 size of farm:                           |           |        |       |         |        |        |        |
| 1 to 9 acres ..... farms                     | 1,372     | 3      | -     | 64      | 1      | 17     | 5      |
| acres harvested                              | 4,322     | 3      | -     | 213     | (D)    | 51     | 14     |
| 10 to 49 acres ..... farms                   | 11,007    | 37     | 7     | 422     | 90     | 62     | 61     |
| acres harvested                              | 163,702   | 579    | 98    | 5,759   | 1,330  | 815    | 916    |
| 50 to 69 acres ..... farms                   | 3,128     | 9      | 1     | 124     | 19     | 29     | 18     |
| acres harvested                              | 93,873    | (D)    | (D)   | 3,485   | (D)    | 749    | 594    |
| 70 to 99 acres ..... farms                   | 4,625     | 22     | 7     | 130     | 59     | 41     | 23     |
| acres harvested                              | 191,593   | 768    | 345   | 5,412   | 1,824  | 1,027  | 849    |
| 100 to 139 acres ..... farms                 | 3,553     | 30     | 9     | 78      | 61     | 32     | 27     |
| acres harvested                              | 224,888   | 1,593  | 276   | 5,136   | 2,986  | 1,038  | 1,621  |
| 140 to 179 acres ..... farms                 | 2,625     | 19     | 4     | 72      | 36     | 27     | 19     |
| acres harvested                              | 232,337   | 1,202  | 282   | 7,116   | 2,366  | 1,493  | 1,536  |
| 180 to 219 acres ..... farms                 | 1,813     | 11     | 3     | 44      | 33     | 12     | 6      |
| acres harvested                              | 215,374   | 852    | 225   | 5,067   | 2,708  | 1,353  | 625    |
| 220 to 259 acres ..... farms                 | 1,432     | 5      | 2     | 33      | 8      | 9      | 8      |
| acres harvested                              | 215,519   | 536    | (D)   | 6,026   | 1,006  | (D)    | 1,374  |
| 260 to 499 acres ..... farms                 | 3,994     | 21     | 10    | 76      | 39     | 34     | 25     |
| acres harvested                              | 985,834   | 3,752  | 1,866 | 20,900  | 8,004  | 6,781  | 6,548  |
| 500 to 999 acres ..... farms                 | 2,761     | 22     | 3     | 57      | 20     | 12     | 26     |
| acres harvested                              | 1,520,052 | 8,041  | 1,316 | 35,708  | 8,184  | 2,747  | 15,652 |
| 1,000 to 1,999 acres ..... farms             | 1,444     | 1      | 2     | 31      | 7      | 6      | 16     |
| acres harvested                              | 1,646,462 | (D)    | (D)   | 35,324  | 7,272  | 4,050  | 18,129 |
| 2,000 acres or more ..... farms              | 490       | -      | -     | 16      | -      | 1      | 3      |
| acres harvested                              | 1,333,947 | -      | -     | 43,392  | -      | (D)    | 7,166  |
| 1997 size of farm:                           |           |        |       |         |        |        |        |
| 1 to 9 acres ..... farms                     | 1,599     | 1      | -     | 59      | 7      | 9      | 5      |
| acres harvested                              | 4,748     | (D)    | -     | 174     | (D)    | (D)    | 13     |
| 10 to 49 acres ..... farms                   | 10,357    | 25     | 9     | 401     | 80     | 41     | 35     |
| acres harvested                              | 156,524   | 443    | (D)   | 5,503   | 1,083  | 518    | 621    |
| 50 to 69 acres ..... farms                   | 3,361     | 8      | 2     | 133     | 25     | 15     | 16     |
| acres harvested                              | 104,046   | 220    | (D)   | 3,435   | 620    | 316    | 590    |
| 70 to 99 acres ..... farms                   | 5,505     | 26     | 5     | 141     | 69     | 43     | 30     |
| acres harvested                              | 236,291   | 773    | 204   | 6,158   | 2,429  | 1,196  | 1,136  |
| 100 to 139 acres ..... farms                 | 4,535     | 33     | 10    | 130     | 54     | 26     | 31     |
| acres harvested                              | 286,880   | 1,443  | 411   | 8,167   | 2,426  | 1,021  | 1,801  |
| 140 to 179 acres ..... farms                 | 3,448     | 21     | 8     | 91      | 57     | 30     | 17     |
| acres harvested                              | 304,559   | 1,353  | 242   | 8,430   | 2,521  | 1,804  | 1,483  |
| 180 to 219 acres ..... farms                 | 2,392     | 22     | 7     | 70      | 29     | 16     | 14     |
| acres harvested                              | 283,471   | 1,937  | 468   | 9,015   | 2,629  | 1,127  | 1,613  |
| 220 to 259 acres ..... farms                 | 1,716     | 9      | 4     | 34      | 12     | 12     | 13     |
| acres harvested                              | 254,048   | 825    | 420   | 5,329   | 1,565  | 1,009  | 1,921  |
| 260 to 499 acres ..... farms                 | 4,886     | 36     | 13    | 98      | 46     | 30     | 50     |
| acres harvested                              | 1,195,204 | 5,808  | 1,899 | 26,700  | 8,190  | 5,521  | 13,406 |
| 500 to 999 acres ..... farms                 | 3,187     | 14     | 5     | 68      | 26     | 14     | 26     |
| acres harvested                              | 1,721,425 | 5,177  | 2,028 | 41,102  | 8,907  | 3,745  | 14,607 |
| 1,000 to 1,999 acres ..... farms             | 1,346     | 1      | 2     | 34      | 8      | 7      | 13     |
| acres harvested                              | 1,477,685 | (D)    | (D)   | 38,294  | 7,342  | 4,330  | 13,481 |
| 2,000 acres or more ..... farms              | 372       | 1      | -     | 10      | 1      | 1      | 4      |
| acres harvested                              | 964,419   | (D)    | -     | 30,344  | (D)    | (D)    | 8,495  |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |           |        |       |         |        |        |        |
| 2002 acres harvested:                        |           |        |       |         |        |        |        |
| 1 to 9 acres ..... farms                     | 6,341     | 22     | 7     | 237     | 49     | 69     | 31     |
| acres  | 28,858    | 73     | (D)   | 1,030   | 269    | 254    | 141    |
| 10 to 19 acres ..... farms                   | 5,636     | 16     | 2     | 224     | 65     | 40     | 36     |
| acres  | 73,953    | 216    | (D)   | 2,884   | 857    | 568    | 473    |
| 20 to 29 acres ..... farms                   | 3,761     | 26     | 6     | 127     | 43     | 38     | 24     |
| acres  | 85,973    | 572    | 128   | 2,877   | 1,009  | 824    | 520    |
| 30 to 49 acres ..... farms                   | 4,748     | 33     | 3     | 136     | 54     | 47     | 27     |
| acres  | 176,137   | 1,281  | 102   | 4,938   | 1,965  | 1,817  | 995    |
| 50 to 99 acres ..... farms                   | 5,571     | 35     | 10    | 136     | 80     | 33     | 25     |
| acres  | 395,049   | 2,468  | 603   | 9,249   | 5,466  | 2,163  | 1,663  |
| 100 to 199 acres ..... farms                 | 4,350     | 21     | 12    | 109     | 33     | 27     | 27     |
| acres  | 605,698   | 2,699  | 1,631 | 15,346  | 4,485  | 4,123  | 3,811  |
| 200 to 499 acres ..... farms                 | 4,188     | 17     | 7     | 87      | 35     | 22     | 29     |
| acres  | 1,301,289 | 4,961  | 2,543 | 27,277  | 10,219 | 6,669  | 9,322  |
| 500 to 999 acres ..... farms                 | 2,181     | 10     | 1     | 52      | 11     | 3      | 25     |
| acres  | 1,532,300 | 6,235  | (D)   | 36,044  | 7,612  | 2,299  | 16,915 |
| 1,000 acres or more ..... farms              | 1,468     | -      | -     | 39      | 3      | 3      | 13     |
| acres  | 2,638,646 | -      | -     | 73,893  | 4,181  | 3,389  | 21,184 |
| 1997 acres harvested:                        |           |        |       |         |        |        |        |
| 1 to 9 acres ..... farms                     | 6,459     | 11     | 16    | 266     | 63     | 50     | 23     |
| acres  | 28,441    | 39     | 81    | 1,173   | 322    | (D)    | 103    |
| 10 to 19 acres ..... farms                   | 5,327     | 15     | 3     | 198     | 56     | 35     | 20     |
| acres  | 71,222    | 190    | (D)   | 2,605   | 719    | 451    | 282    |
| 20 to 29 acres ..... farms                   | 3,976     | 23     | 4     | 127     | 48     | 29     | 22     |
| acres  | 91,676    | 528    | 87    | 2,938   | 1,133  | 681    | 504    |
| 30 to 49 acres ..... farms                   | 5,510     | 43     | 9     | 150     | 70     | 31     | 35     |
| acres  | 206,759   | 1,494  | 337   | 5,565   | 2,583  | 1,141  | 1,322  |
| 50 to 99 acres ..... farms                   | 7,114     | 48     | 15    | 164     | 82     | 41     | 32     |
| acres  | 496,086   | 3,486  | 1,036 | 11,334  | 5,511  | 2,873  | 2,228  |
| 100 to 199 acres ..... farms                 | 5,655     | 31     | 7     | 161     | 44     | 31     | 40     |
| acres  | 785,944   | 4,010  | 853   | 22,145  | 5,993  | 4,487  | 5,500  |
| 200 to 499 acres ..... farms                 | 5,082     | 22     | 10    | 110     | 36     | 20     | 51     |
| acres  | 1,588,334 | 7,073  | 3,371 | 33,942  | 10,275 | 6,371  | 17,673 |
| 500 to 999 acres ..... farms                 | 2,341     | 4      | 1     | 55      | 12     | 5      | 19     |
| acres  | 1,620,495 | 2,960  | (D)   | 38,658  | 7,820  | 3,297  | 13,642 |
| 1,000 acres or more ..... farms              | 1,240     | -      | -     | 38      | 3      | 2      | 12     |
| acres  | 2,100,343 | -      | -     | 64,291  | 7,390  | (D)    | 17,913 |

--continued

**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Baraga               | Barry              | Bay                | Benzie         | Berrien            | Branch             | Calhoun            |
|--|----------------------|--------------------|--------------------|----------------|--------------------|--------------------|--------------------|
| Farms .....                                  | number, 2002<br>1997 | 57<br>59           | 657<br>720         | 649<br>710     | 127<br>124         | 898<br>1,158       | 717<br>815         |
| acres harvested, 2002<br>1997                | 5,700<br>5,709       | 102,161<br>100,028 | 157,550<br>156,548 | 7,821<br>8,488 | 128,235<br>132,344 | 173,905<br>167,303 | 168,976<br>164,984 |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |                      |                    |                    |                |                    |                    |                    |
| 2002 size of farm:                           |                      |                    |                    |                |                    |                    |                    |
| 1 to 9 acres .....                           | farms                | -                  | 11                 | 29             | 6                  | 60                 | 18                 |
| acres harvested                              |                      |                    | 32                 | 80             | 19                 | 194                | 46                 |
| 10 to 49 acres .....                         | farms                | 13                 | 196                | 181            | 32                 | 372                | 193                |
| acres harvested                              |                      | 218                | 3,098              | 2,762          | 532                | 4,938              | 2,899              |
| 50 to 69 acres .....                         | farms                | 2                  | 75                 | 53             | 12                 | 72                 | 75                 |
| acres harvested                              | (D)                  | 2,016              | 2,248              |                | (D)                | 1,878              | 2,210              |
| 70 to 99 acres .....                         | farms                | 9                  | 80                 | 59             | 23                 | 78                 | 81                 |
| acres harvested                              |                      | 330                | 2,601              | 3,315          | 599                | 3,777              | 3,438              |
| 100 to 139 acres .....                       | farms                | 3                  | 63                 | 47             | 12                 | 60                 | 51                 |
| acres harvested                              |                      | 31                 | 3,350              | 4,021          | 520                | 4,490              | 3,025              |
| 140 to 179 acres .....                       | farms                | 3                  | 57                 | 34             | 8                  | 66                 | 39                 |
| acres harvested                              | (D)                  | 3,570              | 4,397              |                | 376                | 6,349              | 3,537              |
| 180 to 219 acres .....                       | farms                | 3                  | 34                 | 37             | 9                  | 28                 | 40                 |
| acres harvested                              |                      | 130                | 3,466              | 6,253          | 705                | 3,710              | 5,048              |
| 220 to 259 acres .....                       | farms                | 1                  | 16                 | 24             | 3                  | 22                 | 23                 |
| acres harvested                              | (D)                  | 1,787              | 4,676              |                | 423                | 4,239              | 4,094              |
| 260 to 499 acres .....                       | farms                | 16                 | 47                 | 79             | 16                 | 57                 | 74                 |
| acres harvested                              |                      | 1,815              | 10,546             | 24,245         | 2,154              | 15,475             | 20,209             |
| 500 to 999 acres .....                       | farms                | 5                  | 45                 | 59             | 4                  | 52                 | 65                 |
| acres harvested                              |                      | 1,586              | 22,495             | 39,496         | 1,742              | 29,941             | 36,199             |
| 1,000 to 1,999 acres .....                   | farms                | 2                  | 25                 | 38             | 2                  | 22                 | 35                 |
| acres harvested                              | (D)                  | 31,505             | 45,407             |                | (D)                | 23,995             | 38,684             |
| 2,000 acres or more .....                    | farms                | -                  | 8                  | 9              | -                  | 9                  | 23                 |
| acres harvested                              |                      | -                  | 17,695             | 20,650         | -                  | 29,249             | 54,492             |
| 1997 size of farm:                           |                      |                    |                    |                |                    |                    |                    |
| 1 to 9 acres .....                           | farms                | 1                  | 13                 | 29             | 2                  | 93                 | 25                 |
| acres harvested                              | (D)                  | 44                 | 93                 |                | (D)                | 334                | 18                 |
| 10 to 49 acres .....                         | farms                | 10                 | 149                | 168            | 21                 | 441                | 57                 |
| acres harvested                              |                      | 96                 | 2,390              | 3,327          | 192                | 5,158              | 184                |
| 50 to 69 acres .....                         | farms                | -                  | 85                 | 58             | 13                 | 124                | 63                 |
| acres harvested                              |                      | -                  | 2,285              | 2,647          | 292                | 3,615              | 70                 |
| 70 to 99 acres .....                         | farms                | 12                 | 126                | 80             | 21                 | 106                | 121                |
| acres harvested                              |                      | 343                | 5,175              | 4,436          | 445                | 5,214              | 5,206              |
| 100 to 139 acres .....                       | farms                | 4                  | 84                 | 70             | 16                 | 102                | 82                 |
| acres harvested                              | (D)                  | 4,085              | 6,090              |                | 773                | 6,612              | 5,343              |
| 140 to 179 acres .....                       | farms                | 5                  | 72                 | 58             | 10                 | 59                 | 57                 |
| acres harvested                              | (D)                  | 5,014              | 7,252              |                | 434                | 6,317              | 4,844              |
| 180 to 219 acres .....                       | farms                | 6                  | 30                 | 34             | 6                  | 41                 | 44                 |
| acres harvested                              |                      | 204                | 3,037              | 5,503          | 356                | 5,634              | 4,570              |
| 220 to 259 acres .....                       | farms                | 2                  | 25                 | 31             | 8                  | 36                 | 29                 |
| acres harvested                              | (D)                  | 3,473              | 6,107              |                | 553                | 6,146              | 4,697              |
| 260 to 499 acres .....                       | farms                | 6                  | 65                 | 79             | 17                 | 87                 | 95                 |
| acres harvested                              |                      | 999                | 15,052             | 26,521         | 2,818              | 23,121             | 23,881             |
| 500 to 999 acres .....                       | farms                | 13                 | 50                 | 68             | 9                  | 43                 | 71                 |
| acres harvested                              |                      | 3,527              | 27,375             | 45,028         | 2,278              | 25,372             | 41,415             |
| 1,000 to 1,999 acres .....                   | farms                | -                  | 15                 | 27             | 1                  | 19                 | 40                 |
| acres harvested                              |                      | -                  | 18,193             | 32,135         | (D)                | 22,052             | 44,380             |
| 2,000 acres or more .....                    | farms                | -                  | 6                  | 8              | -                  | 7                  | 10                 |
| acres harvested                              |                      | -                  | 13,905             | 17,409         | -                  | 22,769             | 27,945             |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |                      |                    |                    |                |                    |                    |                    |
| 2002 acres harvested:                        |                      |                    |                    |                |                    |                    |                    |
| 1 to 9 acres .....                           | farms                | 9                  | 108                | 111            | 29                 | 239                | 92                 |
| acres  |                      | 44                 | 544                | 504            | 123                | 1,049              | 504                |
| 10 to 19 acres .....                         | farms                | 8                  | 119                | 76             | 18                 | 163                | 107                |
| acres  |                      | 97                 | 1,565              | 987            | (D)                | 2,092              | 1,402              |
| 20 to 29 acres .....                         | farms                | 6                  | 82                 | 40             | 12                 | 71                 | 87                 |
| acres  | (D)                  | 1,847              | 933                |                | 253                | 1,639              | 1,460              |
| 30 to 49 acres .....                         | farms                | 11                 | 87                 | 54             | 26                 | 88                 | 80                 |
| acres  |                      | 398                | 3,301              | 2,059          | 973                | 3,292              | 3,031              |
| 50 to 99 acres .....                         | farms                | 7                  | 109                | 83             | 19                 | 116                | 89                 |
| acres  |                      | 416                | 7,418              | 5,801          | 1,199              | 8,353              | 6,181              |
| 100 to 199 acres .....                       | farms                | 7                  | 47                 | 88             | 14                 | 83                 | 72                 |
| acres  |                      | 1,046              | 6,621              | 13,030         | 1,974              | 11,548             | 10,359             |
| 200 to 499 acres .....                       | farms                | 7                  | 46                 | 98             | 7                  | 71                 | 96                 |
| acres  |                      | 2,163              | 13,838             | 31,541         | 1,810              | 21,460             | 32,652             |
| 500 to 999 acres .....                       | farms                | 2                  | 31                 | 59             | 2                  | 42                 | 47                 |
| acres  | (D)                  | 19,488             | 42,802             |                | (D)                | 30,636             | 34,161             |
| 1,000 acres or more .....                    | farms                | -                  | 28                 | 40             | -                  | 25                 | 47                 |
| acres  |                      | -                  | 47,539             | 59,893         | -                  | 48,166             | 83,666             |
| 1997 acres harvested:                        |                      |                    |                    |                |                    |                    |                    |
| 1 to 9 acres .....                           | farms                | 12                 | 91                 | 70             | 30                 | 367                | 86                 |
| acres  |                      | 62                 | 432                | 306            | (D)                | 1,583              | 104                |
| 10 to 19 acres .....                         | farms                | 7                  | 104                | 66             | 17                 | 156                | 495                |
| acres  |                      | 83                 | 1,375              | 862            | 217                | 2,145              | 127                |
| 20 to 29 acres .....                         | farms                | 10                 | 83                 | 65             | 16                 | 99                 | 85                 |
| acres  |                      | 227                | 1,928              | 1,527          | 357                | 2,309              | 74                 |
| 30 to 49 acres .....                         | farms                | 7                  | 125                | 71             | 14                 | 118                | 1,977              |
| acres  |                      | 253                | 4,647              | 2,649          | 532                | 4,464              | 1,696              |
| 50 to 99 acres .....                         | farms                | 6                  | 132                | 120            | 21                 | 148                | 112                |
| acres  |                      | 485                | 9,095              | 8,220          | 1,455              | 10,660             | 123                |
| 100 to 199 acres .....                       | farms                | 7                  | 75                 | 116            | 15                 | 123                | 139                |
| acres  |                      | 1,020              | 10,603             | 16,999         | 2,004              | 17,863             | 13,166             |
| 200 to 499 acres .....                       | farms                | 7                  | 60                 | 105            | 10                 | 92                 | 94                 |
| acres  |                      | 2,074              | 19,256             | 34,192         | 3,276              | 28,891             | 20,420             |
| 500 to 999 acres .....                       | farms                | 3                  | 34                 | 66             | 1                  | 34                 | 128                |
| acres  |                      | 1,505              | 23,605             | 45,997         | (D)                | 23,616             | 44,383             |
| 1,000 acres or more .....                    | farms                | -                  | 16                 | 31             | -                  | 21                 | 33                 |
| acres  |                      | -                  | 29,087             | 45,796         | -                  | 40,813             | 58,413             |

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Cass                     | Charlevoix       | Cheboygan        | Chippewa         | Clare            | Clinton            | Crawford      |
|--|--------------------------|------------------|------------------|------------------|------------------|--------------------|---------------|
| Farms .....                                  | number, 2002<br>1997     | 581<br>669       | 226<br>183       | 211<br>216       | 285<br>336       | 296<br>320         | 884<br>1,086  |
| acres harvested, 2002<br>1997                | 130,854<br>128,969       | 14,087<br>13,129 | 17,413<br>18,810 | 34,734<br>48,039 | 25,565<br>27,810 | 200,538<br>196,942 | 401<br>504    |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |                          |                  |                  |                  |                  |                    |               |
| 2002 size of farm:                           |                          |                  |                  |                  |                  |                    |               |
| 1 to 9 acres .....                           | farms<br>acres harvested | 17<br>76         | 8<br>20          | 6<br>19          | 3<br>17          | 4<br>20            | 32<br>137     |
| 10 to 49 acres .....                         | farms<br>acres harvested | 181<br>2,511     | 59<br>862        | 47<br>618        | 23<br>408        | 69<br>1,215        | 247<br>4,239  |
| 50 to 69 acres .....                         | farms<br>acres harvested | 47<br>1,101      | 16<br>302        | 23<br>453        | 11<br>(D)        | 27<br>(D)          | 66<br>2,532   |
| 70 to 99 acres .....                         | farms<br>acres harvested | 60<br>2,217      | 32<br>915        | 15<br>684        | 40<br>1,612      | 44<br>1,407        | 106<br>5,586  |
| 100 to 139 acres .....                       | farms<br>acres harvested | 35<br>2,109      | 26<br>887        | 16<br>754        | 41<br>2,732      | 47<br>2,073        | 87<br>6,966   |
| 140 to 179 acres .....                       | farms<br>acres harvested | 39<br>3,938      | 27<br>1,890      | 24<br>1,055      | 29<br>2,159      | 20<br>1,018        | 62<br>7,530   |
| 180 to 219 acres .....                       | farms<br>acres harvested | 27<br>3,448      | 13<br>950        | 22<br>1,713      | 26<br>1,731      | 20<br>1,864        | 45<br>6,394   |
| 220 to 259 acres .....                       | farms<br>acres harvested | 22<br>3,158      | 14<br>914        | 7<br>(D)         | 20<br>1,978      | 22<br>2,632        | 34<br>5,692   |
| 260 to 499 acres .....                       | farms<br>acres harvested | 57<br>15,182     | 18<br>2,202      | 31<br>3,867      | 54<br>9,154      | 20<br>3,475        | 86<br>23,706  |
| 500 to 999 acres .....                       | farms<br>acres harvested | 47<br>23,540     | 8<br>2,530       | 12<br>3,261      | 29<br>9,821      | 18<br>6,363        | 61<br>34,822  |
| 1,000 to 1,999 acres .....                   | farms<br>acres harvested | 38<br>43,249     | 5<br>2,615       | 7<br>4,352       | 8<br>3,763       | 3<br>2,592         | 40<br>49,120  |
| 2,000 acres or more .....                    | farms<br>acres harvested | 11<br>30,325     | -<br>(D)         | 1<br>(D)         | 2<br>(D)         | 18<br>53,814       | -<br>-        |
| 1997 size of farm:                           |                          |                  |                  |                  |                  |                    |               |
| 1 to 9 acres .....                           | farms<br>acres harvested | 21<br>68         | 7<br>(D)         | 7<br>(D)         | 1<br>(D)         | 2<br>(D)           | 37<br>129     |
| 10 to 49 acres .....                         | farms<br>acres harvested | 153<br>2,260     | 25<br>231        | 35<br>500        | 26<br>490        | 48<br>948          | 262<br>4,171  |
| 50 to 69 acres .....                         | farms<br>acres harvested | 52<br>1,734      | 21<br>478        | 12<br>265        | 15<br>(D)        | 30<br>741          | 82<br>3,521   |
| 70 to 99 acres .....                         | farms<br>acres harvested | 83<br>3,367      | 27<br>623        | 31<br>846        | 50<br>2,177      | 69<br>2,432        | 174<br>9,045  |
| 100 to 139 acres .....                       | farms<br>acres harvested | 60<br>3,507      | 25<br>925        | 26<br>1,239      | 36<br>1,784      | 54<br>2,930        | 98<br>7,710   |
| 140 to 179 acres .....                       | farms<br>acres harvested | 51<br>5,169      | 27<br>1,866      | 17<br>848        | 41<br>3,231      | 30<br>1,777        | 96<br>10,601  |
| 180 to 219 acres .....                       | farms<br>acres harvested | 34<br>4,214      | 5<br>404         | 16<br>904        | 21<br>2,214      | 17<br>1,236        | 67<br>10,210  |
| 220 to 259 acres .....                       | farms<br>acres harvested | 33<br>4,831      | 10<br>880        | 20<br>1,614      | 22<br>2,584      | 22<br>1,577        | 37<br>6,957   |
| 260 to 499 acres .....                       | farms<br>acres harvested | 82<br>21,429     | 22<br>2,397      | 27<br>3,040      | 60<br>9,010      | 21<br>3,081        | 121<br>32,990 |
| 500 to 999 acres .....                       | farms<br>acres harvested | 62<br>36,062     | 12<br>4,226      | 20<br>6,881      | 49<br>17,462     | 22<br>8,395        | 67<br>39,609  |
| 1,000 to 1,999 acres .....                   | farms<br>acres harvested | 33<br>36,349     | 2<br>(D)         | 3<br>1,760       | 12<br>6,550      | 4<br>3,141         | 32<br>34,255  |
| 2,000 acres or more .....                    | farms<br>acres harvested | 5<br>9,979       | -<br>(D)         | 2<br>2,140       | 3<br>(D)         | 13<br>37,744       | -<br>-        |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |                          |                  |                  |                  |                  |                    |               |
| 2002 acres harvested:                        |                          |                  |                  |                  |                  |                    |               |
| 1 to 9 acres .....                           | farms<br>acres           | 117<br>623       | 45<br>196        | 35<br>143        | 17<br>86         | 27<br>125          | 124<br>627    |
| 10 to 19 acres .....                         | farms<br>acres           | 79<br>1,095      | 35<br>462        | 35<br>445        | 19<br>(D)        | 51<br>657          | 91<br>1,226   |
| 20 to 29 acres .....                         | farms<br>acres           | 64<br>1,489      | 38<br>864        | 20<br>468        | 24<br>509        | 37<br>831          | 79<br>1,802   |
| 30 to 49 acres .....                         | farms<br>acres           | 57<br>2,150      | 32<br>1,179      | 34<br>1,331      | 50<br>1,827      | 70<br>2,601        | 98<br>3,599   |
| 50 to 99 acres .....                         | farms<br>acres           | 58<br>4,072      | 43<br>2,979      | 38<br>2,527      | 70<br>4,890      | 50<br>3,230        | 154<br>11,031 |
| 100 to 199 acres .....                       | farms<br>acres           | 61<br>9,014      | 18<br>2,339      | 28<br>3,598      | 48<br>6,532      | 37<br>5,390        | 130<br>17,998 |
| 200 to 499 acres .....                       | farms<br>acres           | 72<br>23,414     | 11<br>3,408      | 16<br>5,009      | 46<br>13,129     | 14<br>4,625        | 112<br>34,766 |
| 500 to 999 acres .....                       | farms<br>acres           | 37<br>26,813     | 4<br>2,660       | 5<br>3,892       | 10<br>6,509      | 7<br>4,314         | 45<br>32,670  |
| 1,000 acres or more .....                    | farms<br>acres           | 36<br>62,184     | -<br>(D)         | 3<br>1           | 3<br>3,792       | 51<br>96,819       | -<br>-        |
| 1997 acres harvested:                        |                          |                  |                  |                  |                  |                    |               |
| 1 to 9 acres .....                           | farms<br>acres           | 87<br>381        | 40<br>184        | 29<br>112        | 14<br>(D)        | 25<br>(D)          | 157<br>751    |
| 10 to 19 acres .....                         | farms<br>acres           | 73<br>993        | 25<br>324        | 31<br>447        | 29<br>374        | 48<br>696          | 105<br>1,461  |
| 20 to 29 acres .....                         | farms<br>acres           | 70<br>1,604      | 28<br>653        | 25<br>572        | 23<br>528        | 37<br>859          | 68<br>1,589   |
| 30 to 49 acres .....                         | farms<br>acres           | 82<br>3,114      | 18<br>684        | 37<br>1,446      | 54<br>2,131      | 69<br>2,520        | 115<br>4,347  |
| 50 to 99 acres .....                         | farms<br>acres           | 93<br>6,397      | 36<br>2,511      | 46<br>3,029      | 65<br>4,385      | 83<br>5,558        | 115<br>4,347  |
| 100 to 199 acres .....                       | farms<br>acres           | 97<br>14,051     | 21<br>2,779      | 24<br>3,069      | 77<br>10,486     | 30<br>4,066        | 175<br>24,575 |
| 200 to 499 acres .....                       | farms<br>acres           | 89<br>28,714     | 11<br>3,714      | 16<br>4,906      | 54<br>16,590     | 16<br>5,043        | 149<br>44,971 |
| 500 to 999 acres .....                       | farms<br>acres           | 53<br>37,843     | 4<br>2,280       | 8<br>5,229       | 18<br>11,289     | 10<br>6,264        | 57<br>39,102  |
| 1,000 acres or more .....                    | farms<br>acres           | 25<br>35,872     | -<br>(D)         | -<br>(D)         | 2<br>2           | 34<br>64,249       | -<br>-        |

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Delta  | Dickinson | Eaton   | Emmet  | Genesee | Gladwin | Gogebic |
|--|--------|-----------|---------|--------|---------|---------|---------|
| Farms ..... number, 2002                     | 231    | 104       | 847     | 200    | 682     | 384     | 36      |
| 1997   | 245    | 120       | 941     | 208    | 746     | 399     | 48      |
| acres harvested, 2002                        | 26,570 | 9,371     | 171,242 | 17,568 | 99,799  | 30,837  | 1,127   |
| 1997   | 29,478 | 9,590     | 169,337 | 17,324 | 89,191  | 34,809  | 1,592   |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |        |           |         |        |         |         |         |
| 2002 size of farm:                           |        |           |         |        |         |         |         |
| 1 to 9 acres ..... farms                     | 9      | 4         | 21      | 1      | 35      | 3       | 7       |
| acres harvested                              | (D)    | 12        | 61      | (D)    | 125     | 23      | 19      |
| 10 to 49 acres ..... farms                   | 26     | 16        | 270     | 40     | 294     | 92      | 3       |
| acres harvested                              | 432    | 221       | 4,195   | 467    | 4,006   | 1,582   | 68      |
| 50 to 69 acres ..... farms                   | 17     | 8         | 57      | 20     | 73      | 38      | 6       |
| acres harvested                              | 439    | (D)       | 1,962   | 513    | 1,866   | 965     | 218     |
| 70 to 99 acres ..... farms                   | 19     | 7         | 100     | 23     | 79      | 78      | 9       |
| acres harvested                              | 316    | 206       | 4,336   | 672    | 3,984   | 2,726   | 189     |
| 100 to 139 acres ..... farms                 | 29     | 15        | 83      | 19     | 36      | 50      | 5       |
| acres harvested                              | 1,159  | 745       | 5,349   | 784    | 2,653   | 2,769   | 235     |
| 140 to 179 acres ..... farms                 | 30     | 8         | 42      | 28     | 34      | 31      | 2       |
| acres harvested                              | 1,398  | 772       | 3,950   | 1,629  | 2,761   | 2,223   | (D)     |
| 180 to 219 acres ..... farms                 | 16     | 6         | 32      | 5      | 23      | 25      | 1       |
| acres harvested                              | 813    | 376       | 4,224   | (D)    | 3,256   | 2,099   | (D)     |
| 220 to 259 acres ..... farms                 | 7      | 7         | 41      | 11     | 12      | 16      | 1       |
| acres harvested                              | 429    | 558       | 7,227   | 1,147  | 2,037   | 1,438   | (D)     |
| 260 to 499 acres ..... farms                 | 38     | 25        | 93      | 36     | 31      | 28      | 2       |
| acres harvested                              | 6,009  | 3,813     | 27,003  | 5,132  | 7,464   | 4,061   | (D)     |
| 500 to 999 acres ..... farms                 | 25     | 7         | 62      | 12     | 34      | 18      | -       |
| acres harvested                              | 7,729  | 1,812     | 34,050  | 3,167  | 19,386  | 8,959   | -       |
| 1,000 to 1,999 acres ..... farms             | 14     | 1         | 33      | 5      | 21      | 5       | -       |
| acres harvested                              | 7,759  | (D)       | 40,690  | 3,741  | 23,951  | 3,992   | -       |
| 2,000 acres or more ..... farms              | 1      | -         | 13      | -      | 10      | -       | -       |
| acres harvested                              | (D)    | -         | 38,195  | -      | 28,310  | -       | -       |
| 1997 size of farm:                           |        |           |         |        |         |         |         |
| 1 to 9 acres ..... farms                     | 7      | 4         | 29      | 4      | 39      | 3       | 4       |
| acres harvested                              | 21     | (D)       | 96      | 5      | 92      | (D)     | 6       |
| 10 to 49 acres ..... farms                   | 23     | 24        | 269     | 35     | 292     | 68      | 8       |
| acres harvested                              | 295    | 309       | 3,883   | 432    | 4,278   | 1,053   | 101     |
| 50 to 69 acres ..... farms                   | 6      | 9         | 58      | 19     | 94      | 24      | 8       |
| acres harvested                              | 218    | 219       | 1,799   | 412    | 2,299   | (D)     | 209     |
| 70 to 99 acres ..... farms                   | 29     | 10        | 119     | 39     | 96      | 87      | 10      |
| acres harvested                              | 807    | 206       | 5,234   | 1,237  | 4,260   | 3,248   | 268     |
| 100 to 139 acres ..... farms                 | 29     | 10        | 95      | 22     | 53      | 54      | 8       |
| acres harvested                              | 1,364  | 455       | 6,005   | 700    | 3,655   | 3,098   | 351     |
| 140 to 179 acres ..... farms                 | 31     | 7         | 58      | 19     | 38      | 52      | 5       |
| acres harvested                              | 1,814  | 347       | 5,380   | 1,083  | 3,910   | 3,689   | 152     |
| 180 to 219 acres ..... farms                 | 19     | 6         | 58      | 7      | 26      | 34      | 5       |
| acres harvested                              | 1,234  | 427       | 6,303   | 562    | 3,447   | 2,525   | 505     |
| 220 to 259 acres ..... farms                 | 12     | 11        | 42      | 8      | 14      | 22      | -       |
| acres harvested                              | 1,117  | 1,230     | 6,788   | 605    | 2,698   | 2,177   | -       |
| 260 to 499 acres ..... farms                 | 49     | 26        | 112     | 38     | 42      | 36      | -       |
| acres harvested                              | 8,411  | 2,960     | 31,713  | 6,112  | 10,716  | 7,127   | -       |
| 500 to 999 acres ..... farms                 | 29     | 11        | 57      | 12     | 27      | 16      | -       |
| acres harvested                              | 7,828  | 2,202     | 32,715  | 3,329  | 15,112  | 7,550   | -       |
| 1,000 to 1,999 acres ..... farms             | 11     | 2         | 32      | 5      | 18      | 3       | -       |
| acres harvested                              | 6,369  | (D)       | 37,237  | 2,847  | 20,528  | 3,719   | -       |
| 2,000 acres or more ..... farms              | -      | -         | 12      | -      | 7       | -       | -       |
| acres harvested                              | -      | -         | 32,184  | -      | 18,196  | -       | -       |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |        |           |         |        |         |         |         |
| 2002 acres harvested:                        |        |           |         |        |         |         |         |
| 1 to 9 acres ..... farms                     | 40     | 18        | 139     | 29     | 157     | 38      | 11      |
| acres  | 155    | 66        | 663     | 98     | 685     | (D)     | 46      |
| 10 to 19 acres ..... farms                   | 24     | 9         | 97      | 33     | 131     | 62      | 3       |
| acres  | 352    | (D)       | 1,317   | 438    | 1,603   | 831     | (D)     |
| 20 to 29 acres ..... farms                   | 23     | 17        | 87      | 12     | 81      | 49      | 6       |
| acres  | 517    | 407       | 1,993   | (D)    | 1,788   | 1,117   | 125     |
| 30 to 49 acres ..... farms                   | 32     | 14        | 108     | 35     | 89      | 87      | 10      |
| acres  | 1,247  | 468       | 3,819   | 1,281  | 3,229   | 3,125   | 365     |
| 50 to 99 acres ..... farms                   | 41     | 15        | 125     | 38     | 83      | 75      | 3       |
| acres  | 2,665  | 1,095     | 8,324   | 2,601  | 5,996   | 5,126   | (D)     |
| 100 to 199 acres ..... farms                 | 32     | 16        | 92      | 33     | 48      | 43      | 3       |
| acres  | 4,373  | 2,228     | 13,202  | 4,460  | 6,442   | 5,518   | (D)     |
| 200 to 499 acres ..... farms                 | 26     | 14        | 112     | 13     | 37      | 16      | -       |
| acres  | 7,900  | 4,243     | 35,309  | 3,577  | 10,414  | 4,832   | -       |
| 500 to 999 acres ..... farms                 | 13     | 1         | 49      | 5      | 31      | 12      | -       |
| acres  | 9,361  | (D)       | 34,607  | 2,823  | 21,542  | 7,928   | -       |
| 1,000 acres or more ..... farms              | -      | -         | 38      | 2      | 25      | 2       | -       |
| acres  | -      | -         | 72,008  | (D)    | 48,200  | (D)     | -       |
| 1997 acres harvested:                        |        |           |         |        |         |         |         |
| 1 to 9 acres ..... farms                     | 27     | 24        | 150     | 28     | 174     | 30      | 11      |
| acres  | 97     | (D)       | 758     | 83     | 781     | (D)     | (D)     |
| 10 to 19 acres ..... farms                   | 24     | 15        | 119     | 34     | 115     | 58      | 7       |
| acres  | 334    | 191       | 1,560   | 446    | 1,505   | 797     | 97      |
| 20 to 29 acres ..... farms                   | 17     | 11        | 83      | 27     | 109     | 47      | 9       |
| acres  | 385    | 247       | 1,908   | 623    | 2,426   | 1,104   | 195     |
| 30 to 49 acres ..... farms                   | 38     | 18        | 108     | 32     | 107     | 81      | 11      |
| acres  | 1,369  | 621       | 3,968   | 1,181  | 3,989   | 2,973   | 399     |
| 50 to 99 acres ..... farms                   | 49     | 18        | 164     | 37     | 83      | 99      | 7       |
| acres  | 3,387  | 1,346     | 11,409  | 2,462  | 5,769   | 7,062   | 442     |
| 100 to 199 acres ..... farms                 | 42     | 19        | 113     | 26     | 64      | 48      | 3       |
| acres  | 5,727  | 2,377     | 16,039  | 3,616  | 9,010   | 5,978   | (D)     |
| 200 to 499 acres ..... farms                 | 35     | 13        | 122     | 20     | 46      | 24      | -       |
| acres  | 10,375 | 3,503     | 38,488  | 5,986  | 12,586  | 7,528   | -       |
| 500 to 999 acres ..... farms                 | 13     | 2         | 47      | 4      | 27      | 10      | -       |
| acres  | 7,804  | (D)       | 33,054  | 2,927  | 17,428  | 6,336   | -       |
| 1,000 acres or more ..... farms              | -      | -         | 35      | -      | 21      | 2       | -       |
| acres  | -      | -         | 62,153  | -      | 35,697  | (D)     | -       |

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Grand<br>Traverse | Gratiot | Hillsdale | Houghton | Huron   | Ingham  | Ionia   | Iosco  |
|--|-------------------|---------|-----------|----------|---------|---------|---------|--------|
| Farms ..... number, 2002                     | 378               | 736     | 865       | 113      | 800     | 739     | 807     | 218    |
| 1997   | 407               | 776     | 882       | 125      | 1,019   | 787     | 912     | 216    |
| acres harvested, 2002                        | 30,152            | 235,525 | 173,208   | 8,614    | 366,484 | 143,491 | 169,995 | 22,375 |
| 1997   | 34,794            | 230,390 | 170,816   | 8,943    | 357,725 | 148,693 | 179,310 | 19,394 |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |                   |         |           |          |         |         |         |        |
| 2002 size of farm:                           |                   |         |           |          |         |         |         |        |
| 1 to 9 acres ..... farms                     | 36                | 17      | 12        | 6        | 20      | 45      | 30      | 2      |
| acres harvested                              | 97                | 81      | 34        | 11       | 79      | 117     | 102     | (D)    |
| 10 to 49 acres ..... farms                   | 128               | 183     | 269       | 25       | 106     | 291     | 230     | 68     |
| acres harvested                              | 1,747             | 3,317   | 4,292     | 322      | 2,133   | 3,843   | 3,761   | 895    |
| 50 to 69 acres ..... farms                   | 28                | 58      | 78        | 10       | 31      | 73      | 76      | 12     |
| acres harvested                              | 779               | 2,041   | 2,449     | (D)      | 1,279   | 2,112   | 2,404   | (D)    |
| 70 to 99 acres ..... farms                   | 59                | 81      | 117       | 7        | 67      | 60      | 89      | 30     |
| acres harvested                              | 2,368             | 4,082   | 5,678     | 79       | 3,967   | 2,392   | 3,960   | 842    |
| 100 to 139 acres ..... farms                 | 29                | 70      | 73        | 12       | 63      | 45      | 79      | 24     |
| acres harvested                              | 1,886             | 5,967   | 5,085     | 870      | 5,116   | 3,463   | 5,303   | 1,889  |
| 140 to 179 acres ..... farms                 | 22                | 51      | 53        | 10       | 48      | 27      | 48      | 20     |
| acres harvested                              | 1,834             | 5,828   | 4,746     | 386      | 5,642   | 2,183   | 5,153   | 997    |
| 180 to 219 acres ..... farms                 | 12                | 22      | 31        | 10       | 39      | 31      | 36      | 12     |
| acres harvested                              | 1,405             | 3,649   | 4,277     | 594      | 6,538   | 4,478   | 4,861   | 871    |
| 220 to 259 acres ..... farms                 | 7                 | 21      | 24        | 7        | 29      | 27      | 25      | 10     |
| acres harvested                              | 944               | 4,130   | 3,906     | 649      | 5,616   | 4,283   | 3,965   | 1,368  |
| 260 to 499 acres ..... farms                 | 33                | 79      | 93        | 19       | 141     | 54      | 75      | 20     |
| acres harvested                              | 5,839             | 22,377  | 24,703    | 2,055    | 44,136  | 15,636  | 20,525  | 4,080  |
| 500 to 999 acres ..... farms                 | 17                | 79      | 55        | 6        | 141     | 50      | 70      | 18     |
| acres harvested                              | 7,114             | 48,754  | 30,822    | 2,249    | 92,051  | 29,935  | 41,114  | 9,281  |
| 1,000 to 1,999 acres ..... farms             | 4                 | 48      | 46        | 1        | 89      | 20      | 41      | 2      |
| acres harvested                              | 2,511             | 62,195  | 55,922    | (D)      | 111,793 | 25,980  | 47,540  | (D)    |
| 2,000 acres or more ..... farms              | 3                 | 27      | 14        | -        | 26      | 16      | 8       | -      |
| acres harvested                              | 3,628             | 73,104  | 31,294    | -        | 88,134  | 49,069  | 31,307  | -      |
| 1997 size of farm:                           |                   |         |           |          |         |         |         |        |
| 1 to 9 acres ..... farms                     | 22                | 22      | 12        | 3        | 27      | 24      | 22      | 7      |
| acres harvested                              | (D)               | 70      | 57        | (D)      | 114     | 63      | 93      | (D)    |
| 10 to 49 acres ..... farms                   | 127               | 141     | 204       | 16       | 135     | 269     | 215     | 52     |
| acres harvested                              | 1,731             | 3,109   | 3,290     | 126      | 2,910   | 3,656   | 3,634   | 744    |
| 50 to 69 acres ..... farms                   | 27                | 63      | 81        | 10       | 39      | 62      | 72      | 4      |
| acres harvested                              | 656               | 1,926   | 2,616     | 253      | 1,446   | 2,115   | 2,601   | 93     |
| 70 to 99 acres ..... farms                   | 58                | 88      | 132       | 19       | 89      | 85      | 114     | 29     |
| acres harvested                              | 2,249             | 4,672   | 5,380     | 350      | 5,289   | 4,017   | 4,987   | 944    |
| 100 to 139 acres ..... farms                 | 49                | 73      | 95        | 21       | 93      | 63      | 134     | 20     |
| acres harvested                              | 2,883             | 5,603   | 6,026     | 1,201    | 8,406   | 4,222   | 9,305   | 1,072  |
| 140 to 179 acres ..... farms                 | 29                | 64      | 58        | 13       | 63      | 51      | 51      | 23     |
| acres harvested                              | 2,460             | 8,060   | 5,148     | 655      | 7,588   | 4,581   | 4,940   | 1,447  |
| 180 to 219 acres ..... farms                 | 18                | 35      | 52        | 7        | 74      | 38      | 55      | 22     |
| acres harvested                              | 1,841             | 4,744   | 6,451     | 441      | 12,159  | 4,607   | 7,592   | 1,603  |
| 220 to 259 acres ..... farms                 | 9                 | 28      | 39        | 5        | 40      | 24      | 30      | 17     |
| acres harvested                              | 948               | 4,963   | 6,049     | 435      | 8,232   | 3,980   | 4,924   | 1,762  |
| 260 to 499 acres ..... farms                 | 43                | 103     | 92        | 25       | 207     | 83      | 99      | 23     |
| acres harvested                              | 7,352             | 31,150  | 23,365    | 3,194    | 63,242  | 22,562  | 27,056  | 4,955  |
| 500 to 999 acres ..... farms                 | 17                | 92      | 68        | 4        | 150     | 51      | 75      | 17     |
| acres harvested                              | 6,915             | 56,030  | 39,329    | 1,135    | 94,128  | 28,156  | 41,286  | 5,346  |
| 1,000 to 1,999 acres ..... farms             | 7                 | 47      | 37        | 1        | 83      | 23      | 34      | 2      |
| acres harvested                              | 5,678             | 57,302  | 43,405    | (D)      | 95,831  | 26,449  | 37,221  | (D)    |
| 2,000 acres or more ..... farms              | 1                 | 20      | 12        | 1        | 19      | 14      | 11      | -      |
| acres harvested                              | (D)               | 52,761  | 29,700    | (D)      | 58,380  | 44,285  | 35,671  | -      |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |                   |         |           |          |         |         |         |        |
| 2002 acres harvested:                        |                   |         |           |          |         |         |         |        |
| 1 to 9 acres ..... farms                     | 89                | 92      | 113       | 30       | 47      | 191     | 117     | 41     |
| acres  | 353               | 447     | 572       | 106      | 227     | 879     | 586     | (D)    |
| 10 to 19 acres ..... farms                   | 76                | 80      | 136       | 13       | 33      | 124     | 116     | 24     |
| acres  | 971               | 1,064   | 1,748     | 203      | 461     | 1,630   | 1,541   | 289    |
| 20 to 29 acres ..... farms                   | 43                | 52      | 95        | 15       | 50      | 74      | 73      | 38     |
| acres  | 962               | 1,254   | 2,200     | 324      | 1,177   | 1,683   | 1,705   | 861    |
| 30 to 49 acres ..... farms                   | 36                | 74      | 102       | 12       | 49      | 77      | 106     | 23     |
| acres  | 1,394             | 2,739   | 3,878     | 435      | 1,850   | 2,878   | 3,808   | 858    |
| 50 to 99 acres ..... farms                   | 61                | 104     | 132       | 17       | 97      | 61      | 110     | 33     |
| acres  | 4,192             | 7,242   | 9,351     | 1,208    | 6,669   | 4,137   | 7,670   | 2,279  |
| 100 to 199 acres ..... farms                 | 35                | 97      | 95        | 17       | 113     | 63      | 98      | 30     |
| acres  | 4,657             | 13,358  | 13,058    | 2,151    | 16,109  | 8,686   | 13,652  | 3,851  |
| 200 to 499 acres ..... farms                 | 25                | 98      | 98        | 6        | 180     | 77      | 88      | 16     |
| acres  | 7,320             | 30,980  | 32,099    | 1,815    | 59,097  | 24,513  | 28,643  | 5,197  |
| 500 to 999 acres ..... farms                 | 10                | 73      | 51        | 2        | 132     | 42      | 60      | 12     |
| acres  | 6,492             | 50,981  | 38,699    | (D)      | 94,737  | 29,240  | 42,658  | 7,738  |
| 1,000 acres or more ..... farms              | 3                 | 66      | 43        | 1        | 99      | 30      | 39      | 1      |
| acres  | 3,811             | 127,460 | 71,603    | (D)      | 186,157 | 69,845  | 69,732  | (D)    |
| 1997 acres harvested:                        |                   |         |           |          |         |         |         |        |
| 1 to 9 acres ..... farms                     | 93                | 68      | 99        | 23       | 52      | 134     | 101     | 38     |
| acres  | 470               | 326     | 522       | (D)      | 243     | 625     | 494     | (D)    |
| 10 to 19 acres ..... farms                   | 69                | 50      | 130       | 15       | 63      | 129     | 89      | 23     |
| acres  | 900               | 686     | 1,717     | 195      | 864     | 1,722   | 1,166   | 298    |
| 20 to 29 acres ..... farms                   | 34                | 61      | 96        | 18       | 42      | 71      | 92      | 25     |
| acres  | 790               | 1,409   | 2,234     | 418      | 975     | 1,613   | 2,151   | 584    |
| 30 to 49 acres ..... farms                   | 52                | 86      | 101       | 11       | 72      | 93      | 127     | 34     |
| acres  | 2,071             | 3,214   | 3,882     | 431      | 2,743   | 3,537   | 4,687   | 1,328  |
| 50 to 99 acres ..... farms                   | 73                | 126     | 147       | 32       | 128     | 102     | 166     | 36     |
| acres  | 5,093             | 8,672   | 10,612    | 2,092    | 9,113   | 6,844   | 11,583  | 2,385  |
| 100 to 199 acres ..... farms                 | 48                | 123     | 111       | 17       | 184     | 94      | 124     | 33     |
| acres  | 6,703             | 17,119  | 15,992    | 2,189    | 25,998  | 12,762  | 17,190  | 4,278  |
| 200 to 499 acres ..... farms                 | 27                | 122     | 99        | 7        | 259     | 97      | 125     | 22     |
| acres  | 8,596             | 41,200  | 29,727    | 1,884    | 82,653  | 31,772  | 40,343  | 6,665  |
| 500 to 999 acres ..... farms                 | 7                 | 83      | 61        | 1        | 135     | 35      | 54      | 4      |
| acres  | 4,800             | 55,473  | 42,368    | (D)      | 94,721  | 23,637  | 37,972  | 2,626  |
| 1,000 acres or more ..... farms              | 4                 | 57      | 38        | 1        | 84      | 32      | 34      | 1      |
| acres  | 5,371             | 102,291 | 63,762    | (D)      | 140,415 | 66,181  | 63,724  | (D)    |

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Iron  | Isabella | Jackson | Kalamazoo | Kalkaska | Kent    | Keweenaw | Lake  |
|--|-------|----------|---------|-----------|----------|---------|----------|-------|
| Farms ..... number, 2002                     | 84    | 706      | 876     | 587       | 114      | 853     | 6        | 117   |
| 1997   | 85    | 835      | 904     | 668       | 131      | 1,062   | 8        | 119   |
| acres harvested, 2002                        | 7,449 | 134,046  | 122,240 | 106,849   | 8,317    | 111,584 | 86       | 7,384 |
| 1997   | 8,027 | 152,763  | 123,963 | 112,359   | 10,132   | 132,999 | 74       | 9,062 |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |       |          |         |           |          |         |          |       |
| 2002 size of farm:                           |       |          |         |           |          |         |          |       |
| 1 to 9 acres ..... farms                     | 1     | 10       | 31      | 45        | -        | 47      | -        | 8     |
| acres harvested                              | (D)   | 35       | 88      | 140       | -        | 139     | -        | 19    |
| 10 to 49 acres ..... farms                   | 12    | 149      | 303     | 231       | 23       | 321     | 4        | 23    |
| acres harvested                              | 178   | 2,759    | 4,578   | 3,117     | 347      | 4,675   | (D)      | 378   |
| 50 to 69 acres ..... farms                   | 3     | 47       | 84      | 49        | 11       | 81      | -        | 8     |
| acres harvested                              | (D)   | 1,470    | 2,420   | 1,471     | 400      | 2,602   | -        | 131   |
| 70 to 99 acres ..... farms                   | 10    | 89       | 103     | 42        | 23       | 96      | 2        | 19    |
| acres harvested                              | 140   | 3,840    | 4,085   | 1,634     | 650      | 4,016   | (D)      | 736   |
| 100 to 139 acres ..... farms                 | 8     | 85       | 79      | 42        | 19       | 70      | -        | 17    |
| acres harvested                              | 168   | 5,642    | 4,326   | 2,346     | 598      | 4,595   | -        | 689   |
| 140 to 179 acres ..... farms                 | 15    | 56       | 58      | 24        | 4        | 52      | -        | 9     |
| acres harvested                              | 1,034 | 5,136    | 4,844   | 2,292     | (D)      | 5,134   | -        | 636   |
| 180 to 219 acres ..... farms                 | 7     | 47       | 44      | 21        | 7        | 21      | -        | 4     |
| acres harvested                              | 458   | 5,795    | 4,989   | 2,897     | 728      | 2,581   | -        | 217   |
| 220 to 259 acres ..... farms                 | 5     | 31       | 31      | 13        | 14       | 30      | -        | 8     |
| acres harvested                              | 360   | 4,396    | 4,707   | 2,621     | 1,052    | 4,153   | -        | 648   |
| 260 to 499 acres ..... farms                 | 13    | 110      | 69      | 43        | 8        | 71      | -        | 14    |
| acres harvested                              | 1,922 | 29,283   | 17,333  | 11,823    | 1,783    | 17,186  | -        | 1,602 |
| 500 to 999 acres ..... farms                 | 6     | 56       | 39      | 40        | 2        | 33      | -        | 7     |
| acres harvested                              | 1,351 | 31,948   | 21,151  | 22,697    | (D)      | 16,680  | -        | 2,328 |
| 1,000 to 1,999 acres ..... farms             | 1     | 21       | 26      | 28        | 3        | 23      | -        | -     |
| acres harvested                              | (D)   | 26,410   | 28,284  | 34,038    | 2,172    | 27,147  | -        | -     |
| 2,000 acres or more ..... farms              | 3     | 5        | 9       | 9         | -        | 8       | -        | -     |
| acres harvested                              | 1,020 | 17,332   | 25,435  | 21,773    | -        | 22,676  | -        | -     |
| 1997 size of farm:                           |       |          |         |           |          |         |          |       |
| 1 to 9 acres ..... farms                     | -     | 7        | 32      | 56        | 3        | 67      | -        | 1     |
| acres harvested                              | -     | 39       | 97      | 138       | (D)      | 187     | -        | (D)   |
| 10 to 49 acres ..... farms                   | 9     | 167      | 251     | 217       | 29       | 334     | 5        | 18    |
| acres harvested                              | 55    | 2,912    | 3,847   | 2,851     | 559      | 4,766   | (D)      | 262   |
| 50 to 69 acres ..... farms                   | 3     | 35       | 97      | 54        | 9        | 106     | -        | 8     |
| acres harvested                              | (D)   | 1,379    | 2,888   | 1,765     | 207      | 3,810   | -        | 217   |
| 70 to 99 acres ..... farms                   | 9     | 116      | 84      | 67        | 28       | 134     | 1        | 17    |
| acres harvested                              | 281   | 5,300    | 3,339   | 2,866     | 801      | 5,793   | (D)      | 445   |
| 100 to 139 acres ..... farms                 | 8     | 109      | 107     | 52        | 16       | 93      | 2        | 14    |
| acres harvested                              | 289   | 7,225    | 6,368   | 3,054     | 736      | 6,333   | (D)      | 682   |
| 140 to 179 acres ..... farms                 | 18    | 76       | 87      | 44        | 12       | 69      | -        | 15    |
| acres harvested                              | 932   | 6,626    | 7,371   | 4,066     | 916      | 6,780   | -        | 909   |
| 180 to 219 acres ..... farms                 | 3     | 56       | 55      | 27        | 8        | 47      | -        | 12    |
| acres harvested                              | (D)   | 6,950    | 6,681   | 3,473     | 799      | 4,853   | -        | 589   |
| 220 to 259 acres ..... farms                 | 5     | 43       | 30      | 11        | 6        | 40      | -        | 3     |
| acres harvested                              | 229   | 6,679    | 4,970   | 1,998     | 653      | 6,295   | -        | 310   |
| 260 to 499 acres ..... farms                 | 18    | 112      | 83      | 49        | 15       | 93      | -        | 22    |
| acres harvested                              | 2,289 | 28,606   | 20,578  | 13,244    | 2,000    | 23,160  | -        | 2,645 |
| 500 to 999 acres ..... farms                 | 8     | 77       | 53      | 58        | 2        | 45      | -        | 7     |
| acres harvested                              | 2,382 | 41,267   | 28,313  | 31,935    | (D)      | 23,761  | -        | 1,429 |
| 1,000 to 1,999 acres ..... farms             | 4     | 30       | 19      | 27        | 3        | 28      | -        | 2     |
| acres harvested                              | 1,255 | 31,352   | 21,734  | 32,207    | 2,509    | 29,331  | -        | (D)   |
| 2,000 acres or more ..... farms              | -     | 7        | 6       | 6         | -        | 6       | -        | -     |
| acres harvested                              | -     | 14,428   | 17,777  | 14,762    | -        | 17,930  | -        | -     |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |       |          |         |           |          |         |          |       |
| 2002 acres harvested:                        |       |          |         |           |          |         |          |       |
| 1 to 9 acres ..... farms                     | 16    | 56       | 155     | 153       | 14       | 174     | 1        | 26    |
| acres  | 54    | 296      | 739     | 691       | 51       | 764     | (D)      | (D)   |
| 10 to 19 acres ..... farms                   | 7     | 75       | 166     | 101       | 22       | 168     | 3        | 19    |
| acres  | (D)   | 980      | 2,120   | 1,285     | 266      | 2,251   | 30       | 240   |
| 20 to 29 acres ..... farms                   | 4     | 74       | 94      | 51        | 19       | 85      | 2        | 9     |
| acres  | 94    | 1,687    | 2,168   | 1,207     | 427      | 1,944   | (D)      | 213   |
| 30 to 49 acres ..... farms                   | 14    | 116      | 110     | 65        | 17       | 106     | -        | 27    |
| acres  | 516   | 4,294    | 3,999   | 2,367     | 659      | 4,007   | -        | 925   |
| 50 to 99 acres ..... farms                   | 18    | 104      | 130     | 59        | 23       | 111     | -        | 15    |
| acres  | 1,125 | 7,300    | 9,034   | 3,865     | 1,398    | 7,366   | -        | 1,064 |
| 100 to 199 acres ..... farms                 | 13    | 107      | 86      | 40        | 7        | 94      | -        | 12    |
| acres  | 1,912 | 14,653   | 11,987  | 5,749     | 1,019    | 12,983  | -        | 1,525 |
| 200 to 499 acres ..... farms                 | 11    | 108      | 77      | 54        | 9        | 65      | -        | 8     |
| acres  | 3,009 | 34,765   | 22,647  | 16,478    | 2,325    | 19,632  | -        | 2,461 |
| 500 to 999 acres ..... farms                 | 1     | 45       | 33      | 35        | 3        | 26      | -        | 1     |
| acres  | (D)   | 30,641   | 23,633  | 26,719    | 2,172    | 18,319  | -        | (D)   |
| 1,000 acres or more ..... farms              | -     | 21       | 25      | 29        | -        | 24      | -        | -     |
| acres  | -     | 39,430   | 45,913  | 48,488    | -        | 44,318  | -        | -     |
| 1997 acres harvested:                        |       |          |         |           |          |         |          |       |
| 1 to 9 acres ..... farms                     | 12    | 56       | 120     | 167       | 19       | 205     | 5        | 17    |
| acres  | 28    | 268      | 544     | 670       | 84       | 825     | (D)      | (D)   |
| 10 to 19 acres ..... farms                   | 9     | 86       | 168     | 88        | 25       | 159     | 2        | 19    |
| acres  | 109   | 1,153    | 2,305   | 1,148     | 331      | 2,154   | (D)      | 257   |
| 20 to 29 acres ..... farms                   | 8     | 78       | 100     | 60        | 18       | 107     | 1        | 11    |
| acres  | 186   | 1,855    | 2,318   | 1,352     | 385      | 2,460   | (D)      | 249   |
| 30 to 49 acres ..... farms                   | 17    | 108      | 111     | 80        | 22       | 134     | -        | 27    |
| acres  | 627   | 4,093    | 4,212   | 3,018     | 919      | 4,968   | -        | 988   |
| 50 to 99 acres ..... farms                   | 10    | 170      | 129     | 81        | 18       | 180     | -        | 16    |
| acres  | 709   | 11,984   | 9,105   | 5,525     | 1,148    | 12,268  | -        | 1,069 |
| 100 to 199 acres ..... farms                 | 15    | 126      | 123     | 62        | 23       | 122     | -        | 19    |
| acres  | 2,124 | 17,579   | 16,962  | 8,921     | 3,479    | 16,656  | -        | 2,371 |
| 200 to 499 acres ..... farms                 | 14    | 128      | 101     | 53        | 3        | 100     | -        | 8     |
| acres  | 4,244 | 40,158   | 29,987  | 16,266    | 1,247    | 31,108  | -        | 2,383 |
| 500 to 999 acres ..... farms                 | -     | 60       | 32      | 49        | 2        | 33      | -        | 1     |
| acres  | -     | 40,837   | 21,946  | 32,925    | (D)      | 24,389  | -        | (D)   |
| 1,000 acres or more ..... farms              | -     | 23       | 20      | 28        | 1        | 22      | -        | 1     |
| acres  | -     | 34,836   | 36,584  | 42,534    | (D)      | 38,171  | -        | (D)   |

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Lapeer                   | Leelanau         | Lenawee            | Livingston       | Luce           | Mackinac       | Macomb           | Manistee         |
|--|--------------------------|------------------|--------------------|------------------|----------------|----------------|------------------|------------------|
| Farms .....                                  | 838<br>1997              | 347<br>380       | 896<br>1,089       | 534<br>551       | 25<br>35       | 57<br>74       | 395<br>504       | 246<br>295       |
| acres harvested, 2002<br>1997                | 130,962<br>126,567       | 27,272<br>29,640 | 279,999<br>287,876 | 59,729<br>67,569 | 4,029<br>4,095 | 8,164<br>9,404 | 51,755<br>53,645 | 19,091<br>19,992 |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |                          |                  |                    |                  |                |                |                  |                  |
| 2002 size of farm:                           |                          |                  |                    |                  |                |                |                  |                  |
| 1 to 9 acres .....                           | farms<br>acres harvested | 25<br>78         | 22<br>56           | 29<br>98         | 29<br>113      | 2<br>(D)       | 1<br>(D)         | 36<br>78         |
| 10 to 49 acres .....                         | farms<br>acres harvested | 282<br>3,839     | 83<br>977          | 205<br>3,354     | 219<br>2,371   | 3<br>83        | 2<br>(D)         | 170<br>2,438     |
| 50 to 69 acres .....                         | farms<br>acres harvested | 69<br>2,231      | 32<br>(D)          | 82<br>2,665      | 44<br>(D)      | 1<br>(D)       | 2<br>(D)         | 32<br>1,144      |
| 70 to 99 acres .....                         | farms<br>acres harvested | 114<br>4,403     | 47<br>1,501        | 78<br>4,411      | 64<br>2,234    | 2<br>(D)       | 10<br>418        | 32<br>1,704      |
| 100 to 139 acres .....                       | farms<br>acres harvested | 77<br>4,710      | 33<br>1,636        | 88<br>7,553      | 39<br>2,184    | 2<br>(D)       | 8<br>(D)         | 16<br>1,158      |
| 140 to 179 acres .....                       | farms<br>acres harvested | 56<br>5,546      | 39<br>2,472        | 51<br>6,456      | 23<br>(D)      | 1<br>(D)       | 7<br>394         | 11<br>1,347      |
| 180 to 219 acres .....                       | farms<br>acres harvested | 30<br>3,850      | 29<br>2,064        | 28<br>4,137      | 19<br>2,536    | -<br>-         | 1<br>(D)         | 11<br>1,853      |
| 220 to 259 acres .....                       | farms<br>acres harvested | 21<br>3,215      | 14<br>1,663        | 36<br>7,159      | 21<br>(D)      | 3<br>286       | 1<br>(D)         | 9<br>1,934       |
| 260 to 499 acres .....                       | farms<br>acres harvested | 68<br>17,641     | 27<br>5,253        | 102<br>29,757    | 37<br>8,583    | 4<br>879       | 15<br>2,433      | 48<br>13,785     |
| 500 to 999 acres .....                       | farms<br>acres harvested | 61<br>33,046     | 15<br>4,747        | 107<br>69,768    | 26<br>15,229   | 4<br>1,342     | 7<br>1,928       | 22<br>13,320     |
| 1,000 to 1,999 acres .....                   | farms<br>acres harvested | 27<br>32,060     | 5<br>4,359         | 68<br>87,786     | 11<br>13,834   | 3<br>1,307     | 2<br>(D)         | 5<br>5,795       |
| 2,000 acres or more .....                    | farms<br>acres harvested | 8<br>20,343      | 1<br>(D)           | 22<br>56,855     | 2<br>(D)       | -<br>-         | 1<br>(D)         | 3<br>7,199       |
| 1997 size of farm:                           |                          |                  |                    |                  |                |                |                  |                  |
| 1 to 9 acres .....                           | farms<br>acres harvested | 28<br>61         | 20<br>(D)          | 31<br>106        | 35<br>(D)      | 3<br>(D)       | 74<br>(D)        | 7<br>(D)         |
| 10 to 49 acres .....                         | farms<br>acres harvested | 281<br>3,949     | 76<br>938          | 243<br>4,128     | 203<br>2,314   | 9<br>71        | 6<br>78          | 163<br>2,138     |
| 50 to 69 acres .....                         | farms<br>acres harvested | 81<br>2,348      | 30<br>627          | 89<br>3,595      | 36<br>1,190    | 1<br>1,190     | 1<br>(D)         | 40<br>1,440      |
| 70 to 99 acres .....                         | farms<br>acres harvested | 143<br>6,130     | 52<br>1,668        | 95<br>5,653      | 55<br>2,794    | 3<br>1,190     | 9<br>284         | 63<br>3,028      |
| 100 to 139 acres .....                       | farms<br>acres harvested | 112<br>6,965     | 51<br>2,459        | 122<br>10,684    | 44<br>2,808    | 3<br>4         | 6<br>230         | 30<br>2,299      |
| 140 to 179 acres .....                       | farms<br>acres harvested | 84<br>7,699      | 49<br>3,301        | 83<br>9,201      | 49<br>4,272    | -<br>-         | 12<br>561        | 24<br>2,901      |
| 180 to 219 acres .....                       | farms<br>acres harvested | 45<br>5,345      | 28<br>2,777        | 50<br>7,303      | 21<br>2,184    | 1<br>1,190     | 8<br>711         | 17<br>1,775      |
| 220 to 259 acres .....                       | farms<br>acres harvested | 36<br>5,324      | 18<br>2,102        | 47<br>9,529      | 15<br>1,615    | 1<br>1,615     | 5<br>391         | 8<br>3,284       |
| 260 to 499 acres .....                       | farms<br>acres harvested | 77<br>17,454     | 38<br>6,366        | 128<br>40,307    | 49<br>11,437   | 7<br>1,362     | 13<br>2,565      | 49<br>14,425     |
| 500 to 999 acres .....                       | farms<br>acres harvested | 47<br>26,017     | 12<br>4,479        | 118<br>76,626    | 28<br>14,837   | 4<br>861       | 7<br>2,166       | 23<br>11,891     |
| 1,000 to 1,999 acres .....                   | farms<br>acres harvested | 27<br>32,469     | 4<br>2,236         | 70<br>85,634     | 15<br>16,704   | 2<br>1,945     | 3<br>1,945       | 6<br>7,805       |
| 2,000 acres or more .....                    | farms<br>acres harvested | 5<br>12,806      | 2<br>(D)           | 13<br>35,110     | 1<br>(D)       | 1<br>(D)       | 1<br>(D)         | 1<br>-           |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |                          |                  |                    |                  |                |                |                  |                  |
| 2002 acres harvested:                        |                          |                  |                    |                  |                |                |                  |                  |
| 1 to 9 acres .....                           | farms<br>acres           | 148<br>660       | 80<br>306          | 118<br>531       | 157<br>776     | 3<br>8         | 3<br>3           | 107<br>386       |
| 10 to 19 acres .....                         | farms<br>acres           | 139<br>1,854     | 48<br>616          | 101<br>1,391     | 108<br>1,405   | 2<br>(D)       | 6<br>86          | 43<br>745        |
| 20 to 29 acres .....                         | farms<br>acres           | 84<br>1,922      | 26<br>565          | 57<br>1,332      | 47<br>1,089    | 3<br>60        | 3<br>70          | 34<br>971        |
| 30 to 49 acres .....                         | farms<br>acres           | 110<br>4,048     | 66<br>2,403        | 75<br>2,778      | 57<br>2,058    | 4<br>150       | 13<br>150        | 50<br>1,522      |
| 50 to 99 acres .....                         | farms<br>acres           | 125<br>8,642     | 56<br>3,888        | 113<br>8,197     | 61<br>4,157    | 3<br>274       | 10<br>661        | 39<br>2,657      |
| 100 to 199 acres .....                       | farms<br>acres           | 75<br>10,326     | 41<br>5,578        | 124<br>17,053    | 33<br>4,719    | 2<br>(D)       | 9<br>1,096       | 26<br>3,646      |
| 200 to 499 acres .....                       | farms<br>acres           | 87<br>27,057     | 23<br>6,852        | 129<br>40,843    | 38<br>11,566   | 5<br>1,545     | 9<br>2,586       | 16<br>17,121     |
| 500 to 999 acres .....                       | farms<br>acres           | 43<br>30,355     | 4<br>2,722         | 103<br>74,377    | 20<br>12,792   | 3<br>1,642     | 3<br>2,150       | 7<br>11,713      |
| 1,000 acres or more .....                    | farms<br>acres           | 27<br>46,098     | 3<br>4,342         | 76<br>133,497    | 13<br>21,167   | 1<br>-         | 1<br>(D)         | 8<br>12,994      |
| 1997 acres harvested:                        |                          |                  |                    |                  |                |                |                  |                  |
| 1 to 9 acres .....                           | farms<br>acres           | 151<br>663       | 74<br>296          | 123<br>541       | 138<br>619     | 12<br>36       | 8<br>(D)         | 152<br>581       |
| 10 to 19 acres .....                         | farms<br>acres           | 133<br>1,752     | 50<br>667          | 105<br>1,470     | 89<br>1,125    | 3<br>30        | 8<br>97          | 43<br>872        |
| 20 to 29 acres .....                         | farms<br>acres           | 116<br>2,686     | 26<br>632          | 54<br>1,264      | 50<br>1,146    | 2<br>1,146     | 3<br>69          | 44<br>1,016      |
| 30 to 49 acres .....                         | farms<br>acres           | 135<br>5,126     | 65<br>2,403        | 101<br>3,838     | 47<br>1,733    | 1<br>(D)       | 12<br>458        | 63<br>1,757      |
| 50 to 99 acres .....                         | farms<br>acres           | 162<br>11,374    | 84<br>6,011        | 190<br>13,561    | 92<br>6,386    | 5<br>425       | 14<br>956        | 48<br>4,353      |
| 100 to 199 acres .....                       | farms<br>acres           | 137<br>18,030    | 52<br>7,048        | 154<br>20,973    | 56<br>7,425    | 5<br>649       | 13<br>1,635      | 52<br>7,163      |
| 200 to 499 acres .....                       | farms<br>acres           | 73<br>22,443     | 23<br>6,763        | 175<br>54,944    | 46<br>14,427   | 5<br>1,778     | 14<br>4,596      | 17<br>20,059     |
| 500 to 999 acres .....                       | farms<br>acres           | 35<br>24,677     | 3<br>2,119         | 116<br>81,225    | 22<br>14,869   | 2<br>(D)       | 2<br>(D)         | 6<br>8,563       |
| 1,000 acres or more .....                    | farms<br>acres           | 24<br>39,816     | 3<br>3,701         | 71<br>110,060    | 11<br>19,839   | -<br>-         | -<br>-           | 6<br>9,281       |

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Marquette            | Mason            | Mecosta          | Menominee        | Midland          | Missaukee        | Monroe             | Montcalm           |
|--|----------------------|------------------|------------------|------------------|------------------|------------------|--------------------|--------------------|
| Farms .....                                  | number, 2002<br>1997 | 98<br>88         | 365<br>407       | 555<br>558       | 304<br>346       | 328<br>382       | 337<br>333         | 917<br>1,038       |
| acres harvested, 2002<br>1997                | 8,202<br>8,115       | 45,782<br>47,003 | 58,119<br>61,094 | 45,169<br>50,246 | 58,226<br>58,759 | 58,204<br>55,893 | 189,011<br>198,485 | 167,690<br>165,051 |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |                      |                  |                  |                  |                  |                  |                    |                    |
| 2002 size of farm:                           |                      |                  |                  |                  |                  |                  |                    |                    |
| 1 to 9 acres .....                           | farms<br>(D)         | 1<br>30          | 8<br>(D)         | 1<br>11          | 16<br>56         | 7<br>23          | 53<br>186          | 7<br>15            |
| 10 to 49 acres .....                         | farms<br>(D)         | 29<br>1,523      | 86<br>1,565      | 29<br>536        | 86<br>1,373      | 59<br>1,008      | 312<br>5,425       | 231<br>3,874       |
| 50 to 69 acres .....                         | farms<br>(D)         | 7<br>168         | 29<br>835        | 9<br>(D)         | 22<br>712        | 77<br>(D)        | 47<br>3,397        | 47<br>1,404        |
| 70 to 99 acres .....                         | farms<br>(D)         | 10<br>235        | 58<br>1,858      | 38<br>4,819      | 50<br>1,210      | 42<br>2,200      | 70<br>1,423        | 120<br>4,338       |
| 100 to 139 acres .....                       | farms<br>(D)         | 9<br>2,004       | 41<br>3,105      | 36<br>1,590      | 33<br>2,276      | 40<br>1,957      | 67<br>6,565        | 93<br>4,987        |
| 140 to 179 acres .....                       | farms<br>(D)         | 16<br>906        | 27<br>1,895      | 37<br>3,448      | 22<br>2,763      | 37<br>2,300      | 37<br>1,756        | 56<br>5,003        |
| 180 to 219 acres .....                       | farms<br>(D)         | 5<br>217         | 30<br>3,140      | 10<br>4,670      | 15<br>786        | 18<br>2,287      | 33<br>1,516        | 36<br>5,085        |
| 220 to 259 acres .....                       | farms<br>(D)         | 3<br>30          | 15<br>1,669      | 21<br>2,664      | 15<br>1,817      | 17<br>2,499      | 33<br>1,792        | 29<br>7,018        |
| 260 to 499 acres .....                       | farms<br>(D)         | 5<br>7           | 37<br>8,158      | 51<br>10,966     | 31<br>12,147     | 59<br>8,657      | 116<br>13,799      | 88<br>34,927       |
| 500 to 999 acres .....                       | farms<br>(D)         | 7<br>1,692       | 20<br>9,013      | 31<br>12,095     | 24<br>12,523     | 76<br>12,511     | 57<br>19,072       | 57<br>49,351       |
| 1,000 to 1,999 acres .....                   | farms<br>(D)         | 5<br>2,058       | 11<br>10,433     | 9<br>7,303       | 15<br>10,958     | 13<br>13,883     | 32<br>11,406       | 28<br>40,007       |
| 2,000 acres or more .....                    | farms<br>(D)         | 1<br>5,224       | 3<br>(D)         | 2<br>(D)         | 1<br>9,472       | 1<br>(D)         | 11<br>27,709       | 20<br>56,257       |
| 1997 size of farm:                           |                      |                  |                  |                  |                  |                  |                    |                    |
| 1 to 9 acres .....                           | farms<br>(D)         | 3<br>10          | 13<br>(D)        | 3<br>(D)         | 1<br>(D)         | 8<br>14          | 71<br>232          | 19<br>59           |
| 10 to 49 acres .....                         | farms<br>(D)         | 18<br>209        | 92<br>1,503      | 71<br>1,160      | 41<br>536        | 54<br>1,461      | 334<br>779         | 188<br>6,009       |
| 50 to 69 acres .....                         | farms<br>(D)         | 4<br>53          | 25<br>796        | 40<br>1,058      | 10<br>(D)        | 30<br>967        | 83<br>(D)          | 73<br>3,665        |
| 70 to 99 acres .....                         | farms<br>(D)         | 12<br>400        | 57<br>1,873      | 117<br>3,980     | 38<br>1,024      | 41<br>2,924      | 103<br>1,425       | 146<br>6,751       |
| 100 to 139 acres .....                       | farms<br>(D)         | 9<br>299         | 50<br>2,678      | 78<br>3,912      | 32<br>1,233      | 37<br>2,139      | 88<br>1,680        | 88<br>7,701        |
| 140 to 179 acres .....                       | farms<br>(D)         | 9<br>418         | 37<br>2,933      | 63<br>4,185      | 31<br>1,860      | 24<br>2,946      | 70<br>1,198        | 49<br>8,562        |
| 180 to 219 acres .....                       | farms<br>(D)         | 6<br>350         | 27<br>2,456      | 38<br>3,204      | 23<br>2,403      | 23<br>3,093      | 38<br>2,540        | 38<br>8,189        |
| 220 to 259 acres .....                       | farms<br>(D)         | 4<br>3,877       | 25<br>4,246      | 32<br>1,988      | 11<br>1,963      | 20<br>2,655      | 38<br>5,076        | 38<br>5,287        |
| 260 to 499 acres .....                       | farms<br>(D)         | 12<br>1,292      | 47<br>10,403     | 70<br>12,734     | 55<br>11,604     | 60<br>10,006     | 98<br>12,062       | 98<br>35,368       |
| 500 to 999 acres .....                       | farms<br>(D)         | 5<br>1,000       | 25<br>10,729     | 40<br>19,041     | 43<br>15,206     | 50<br>15,999     | 74<br>25,856       | 74<br>53,686       |
| 1,000 to 1,999 acres .....                   | farms<br>(D)         | 5<br>2,588       | 8<br>7,747       | 4<br>2,902       | 19<br>12,402     | 10<br>9,432      | 36<br>7,353        | 36<br>48,854       |
| 2,000 acres or more .....                    | farms<br>(D)         | 1<br>10,875      | 1<br>9,608       | 2<br>3,730       | 1<br>21,563      | 6<br>10,553      | 11<br>64,914       | 11<br>81,995       |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |                      |                  |                  |                  |                  |                  |                    |                    |
| 2002 acres harvested:                        |                      |                  |                  |                  |                  |                  |                    |                    |
| 1 to 9 acres .....                           | farms<br>(D)         | 18<br>63         | 40<br>190        | 47<br>242        | 22<br>101        | 46<br>212        | 30<br>138          | 102<br>717         |
| 10 to 19 acres .....                         | farms<br>(D)         | 28<br>633        | 47<br>1,002      | 79<br>445        | 32<br>543        | 43<br>543        | 31<br>381          | 126<br>1,587       |
| 20 to 29 acres .....                         | farms<br>(D)         | 8<br>190         | 56<br>1,263      | 66<br>1,492      | 33<br>730        | 31<br>699        | 61<br>1,150        | 95<br>1,649        |
| 30 to 49 acres .....                         | farms<br>(D)         | 11<br>2,156      | 60<br>3,934      | 107<br>1,394     | 36<br>1,556      | 42<br>1,778      | 96<br>3,551        | 116<br>4,308       |
| 50 to 99 acres .....                         | farms<br>(D)         | 18<br>1,237      | 61<br>3,961      | 127<br>8,637     | 61<br>4,343      | 52<br>3,594      | 125<br>3,355       | 115<br>8,584       |
| 100 to 199 acres .....                       | farms<br>(D)         | 5<br>563         | 44<br>6,065      | 60<br>8,409      | 47<br>6,413      | 42<br>5,909      | 108<br>5,058       | 90<br>14,863       |
| 200 to 499 acres .....                       | farms<br>(D)         | 6<br>1,584       | 32<br>9,328      | 51<br>16,084     | 51<br>15,360     | 43<br>13,158     | 84<br>16,688       | 84<br>44,151       |
| 500 to 999 acres .....                       | farms<br>(D)         | 3<br>1,954       | 17<br>11,311     | 13<br>8,711      | 19<br>12,653     | 17<br>10,992     | 72<br>19,103       | 46<br>49,178       |
| 1,000 acres or more .....                    | farms<br>(D)         | 1<br>10,875      | 8<br>9,608       | 5<br>3,730       | 3<br>21,563      | 7<br>10,553      | 40<br>64,914       | 38<br>81,995       |
| 1997 acres harvested:                        |                      |                  |                  |                  |                  |                  |                    |                    |
| 1 to 9 acres .....                           | farms<br>(D)         | 17<br>68         | 43<br>161        | 59<br>(D)        | 42<br>183        | 54<br>214        | 38<br>(D)          | 83<br>760          |
| 10 to 19 acres .....                         | farms<br>(D)         | 15<br>175        | 59<br>753        | 62<br>876        | 31<br>408        | 54<br>720        | 40<br>503          | 128<br>1,607       |
| 20 to 29 acres .....                         | farms<br>(D)         | 16<br>365        | 57<br>1,291      | 62<br>1,407      | 37<br>851        | 38<br>871        | 26<br>569          | 103<br>1,400       |
| 30 to 49 acres .....                         | farms<br>(D)         | 6<br>222         | 59<br>2,162      | 97<br>3,665      | 42<br>1,514      | 50<br>1,837      | 43<br>1,616        | 148<br>4,807       |
| 50 to 99 acres .....                         | farms<br>(D)         | 16<br>1,119      | 67<br>4,638      | 120<br>8,380     | 64<br>4,644      | 68<br>4,702      | 43<br>2,865        | 149<br>5,610       |
| 100 to 199 acres .....                       | farms<br>(D)         | 7<br>952         | 52<br>7,253      | 79<br>10,387     | 46<br>6,344      | 42<br>5,965      | 45<br>6,447        | 83<br>19,594       |
| 200 to 499 acres .....                       | farms<br>(D)         | 8<br>2,544       | 51<br>14,261     | 58<br>17,474     | 60<br>17,921     | 47<br>14,484     | 63<br>19,228       | 114<br>44,686      |
| 500 to 999 acres .....                       | farms<br>(D)         | 2<br>12,034      | 16<br>13,918     | 19<br>14,291     | 21<br>12,729     | 34<br>22,990     | 76<br>52,706       | 47<br>33,950       |
| 1,000 acres or more .....                    | farms<br>(D)         | 1<br>4,450       | 3<br>(D)         | 2<br>4,090       | 3<br>17,237      | 1<br>(D)         | 40<br>61,314       | 35<br>62,494       |

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Montmorency          | Muskegon         | Newaygo          | Oakland          | Oceana           | Ogemaw           | Ontonagon        | Osceola          |
|--|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Farms .....                                  | number, 2002<br>1997 | 100<br>94        | 347<br>381       | 689<br>663       | 307<br>386       | 540<br>583       | 205<br>257       | 93<br>95         |
| acres harvested, 2002<br>1997                | 9,919<br>10,695      | 42,148<br>47,550 | 72,732<br>74,140 | 17,094<br>26,110 | 71,506<br>69,470 | 36,359<br>41,086 | 12,773<br>11,865 | 52,057<br>53,938 |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |                      |                  |                  |                  |                  |                  |                  |                  |
| 2002 size of farm:                           |                      |                  |                  |                  |                  |                  |                  |                  |
| 1 to 9 acres .....                           | farms                | -                | 12               | 12               | 46               | 10               | 2                | -                |
| acres harvested                              |                      |                  | 31               | 41               | 115              | 35               | (D)              | 5                |
| 10 to 49 acres .....                         | farms                | 17               | 144              | 204              | 134              | 135              | 35               | 17               |
| acres harvested                              |                      | (D)              | 2,157            | 2,949            | 1,549            | 1,998            | 580              | 1,394            |
| 50 to 69 acres .....                         | farms                | 5                | 35               | 68               | 18               | 46               | 10               | 24               |
| acres harvested                              |                      | 73               | 1,162            | (D)              | 629              | 1,127            | 292              | 108              |
| 70 to 99 acres .....                         | farms                | 23               | 37               | 91               | 42               | 74               | 29               | 66               |
| acres harvested                              |                      | 749              | 1,283            | 2,728            | 1,326            | 2,658            | 1,213            | 2,450            |
| 100 to 139 acres .....                       | farms                | 14               | 33               | 75               | 10               | 56               | 15               | 51               |
| acres harvested                              |                      | 570              | 2,193            | 3,934            | 678              | 3,086            | 702              | 2,904            |
| 140 to 179 acres .....                       | farms                | 9                | 17               | 52               | 13               | 40               | 25               | 43               |
| acres harvested                              |                      | 397              | 1,563            | 4,142            | 1,122            | 3,237            | 1,686            | 2,498            |
| 180 to 219 acres .....                       | farms                | 10               | 10               | 45               | 5                | 37               | 11               | 23               |
| acres harvested                              |                      | 694              | 1,241            | 4,440            | 770              | 2,916            | 1,152            | 1,531            |
| 220 to 259 acres .....                       | farms                | 5                | 8                | 29               | 13               | 20               | 9                | 33               |
| acres harvested                              |                      | 287              | 1,207            | 3,731            | 1,584            | 1,881            | (D)              | 3,494            |
| 260 to 499 acres .....                       | farms                | 11               | 26               | 57               | 18               | 64               | 32               | 69               |
| acres harvested                              |                      | 3,041            | 6,354            | 13,130           | 3,744            | 12,802           | 5,734            | 3,075            |
| 500 to 999 acres .....                       | farms                | 5                | 16               | 39               | 5                | 36               | 24               | 32               |
| acres harvested                              |                      | 3,018            | 8,082            | 17,107           | 2,107            | 15,608           | 13,138           | 5,352            |
| 1,000 to 1,999 acres .....                   | farms                | 1                | 6                | 15               | 3                | 13               | 12               | 16               |
| acres harvested                              |                      | (D)              | 6,255            | 16,546           | 3,470            | 11,187           | 7,311            | 2,519            |
| 2,000 acres or more .....                    | farms                | -                | 3                | 2                | -                | 9                | 1                | 1                |
| acres harvested                              |                      | -                | 10,620           | (D)              | -                | 14,971           | (D)              | (D)              |
| 1997 size of farm:                           |                      |                  |                  |                  |                  |                  |                  |                  |
| 1 to 9 acres .....                           | farms                | -                | 24               | 13               | 62               | 8                | 2                | -                |
| acres harvested                              |                      |                  | 52               | 47               | (D)              | 29               | (D)              | 1                |
| 10 to 49 acres .....                         | farms                | 7                | 127              | 145              | 164              | 149              | 26               | 67               |
| acres harvested                              |                      | 117              | 1,886            | 2,162            | 1,903            | 2,538            | 402              | 1,040            |
| 50 to 69 acres .....                         | farms                | 14               | 44               | 54               | 19               | 52               | 19               | 37               |
| acres harvested                              |                      | 473              | 1,410            | 1,347            | 581              | 1,178            | 509              | 890              |
| 70 to 99 acres .....                         | farms                | 17               | 41               | 88               | 35               | 79               | 42               | 72               |
| acres harvested                              |                      | 769              | 1,507            | 3,240            | 1,234            | 2,877            | 1,671            | 2,940            |
| 100 to 139 acres .....                       | farms                | 8                | 37               | 96               | 27               | 57               | 33               | 70               |
| acres harvested                              |                      | 399              | 2,417            | 5,594            | 1,527            | 2,756            | 1,550            | 3,541            |
| 140 to 179 acres .....                       | farms                | 9                | 24               | 56               | 19               | 41               | 24               | 50               |
| acres harvested                              |                      | 546              | 1,726            | 4,036            | 1,854            | 3,300            | 1,925            | 3,016            |
| 180 to 219 acres .....                       | farms                | 9                | 13               | 48               | 11               | 41               | 16               | 35               |
| acres harvested                              |                      | 850              | 1,364            | 4,991            | 1,415            | 3,467            | 1,500            | 4,301            |
| 220 to 259 acres .....                       | farms                | 2                | 8                | 33               | 8                | 23               | 15               | 27               |
| acres harvested                              |                      | (D)              | 1,070            | 3,984            | 1,421            | 3,026            | 1,902            | 2,459            |
| 260 to 499 acres .....                       | farms                | 14               | 34               | 73               | 29               | 72               | 46               | 80               |
| acres harvested                              |                      | 1,931            | 8,515            | 15,977           | 6,330            | 14,906           | 10,540           | 2,478            |
| 500 to 999 acres .....                       | farms                | 13               | 21               | 46               | 6                | 42               | 29               | 29               |
| acres harvested                              |                      | 4,045            | 10,798           | 22,840           | 2,892            | 17,252           | 14,651           | 4,969            |
| 1,000 to 1,999 acres .....                   | farms                | 1                | 4                | 11               | 5                | 16               | 4                | 11               |
| acres harvested                              |                      | (D)              | 4,078            | 9,922            | 4,929            | 13,509           | 3,052            | 6,306            |
| 2,000 acres or more .....                    | farms                | -                | 4                | -                | 1                | 3                | 1                | 2                |
| acres harvested                              |                      | -                | 12,727           | -                | (D)              | 4,632            | (D)              | (D)              |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |                      |                  |                  |                  |                  |                  |                  |                  |
| 2002 acres harvested:                        |                      |                  |                  |                  |                  |                  |                  |                  |
| 1 to 9 acres .....                           | farms                | 11               | 57               | 110              | 113              | 74               | 19               | 12               |
| acres  |                      | 60               | 273              | 512              | (D)              | 365              | 74               | 31               |
| 10 to 19 acres .....                         | farms                | 15               | 81               | 110              | 51               | 83               | 21               | 59               |
| acres  |                      | 170              | 1,042            | 1,483            | 606              | 1,085            | 268              | 122              |
| 20 to 29 acres .....                         | farms                | 11               | 38               | 98               | 48               | 56               | 11               | 41               |
| acres  |                      | 239              | 870              | 2,181            | 1,052            | 1,253            | 258              | 969              |
| 30 to 49 acres .....                         | farms                | 29               | 47               | 104              | 17               | 84               | 39               | 82               |
| acres  |                      | 1,064            | 1,748            | 3,815            | 642              | 3,195            | 1,421            | 2,957            |
| 50 to 99 acres .....                         | farms                | 13               | 54               | 102              | 34               | 96               | 31               | 88               |
| acres  |                      | 906              | 3,797            | 7,336            | 2,205            | 6,737            | 2,174            | 1,412            |
| 100 to 199 acres .....                       | farms                | 7                | 24               | 77               | 26               | 60               | 32               | 14               |
| acres  |                      | 964              | 3,494            | 10,427           | 3,313            | 8,458            | 4,125            | 1,859            |
| 200 to 499 acres .....                       | farms                | 9                | 30               | 58               | 13               | 54               | 28               | 14               |
| acres  |                      | 2,869            | 9,163            | 18,858           | 3,998            | 16,837           | 8,306            | 4,765            |
| 500 to 999 acres .....                       | farms                | 5                | 11               | 20               | 3                | 20               | 21               | 5                |
| acres  |                      | 3,647            | 8,588            | 14,792           | 2,360            | 14,153           | 14,240           | 2,915            |
| 1,000 acres or more .....                    | farms                | -                | 5                | 10               | 2                | 13               | 3                | 4                |
| acres  |                      | -                | 13,173           | 13,328           | (D)              | 19,423           | 5,493            | 4,636            |
| 1997 acres harvested:                        |                      |                  |                  |                  |                  |                  |                  |                  |
| 1 to 9 acres .....                           | farms                | 4                | 81               | 76               | 154              | 82               | 19               | 4                |
| acres  |                      | 18               | 335              | 366              | 541              | 429              | (D)              | 44               |
| 10 to 19 acres .....                         | farms                | 7                | 63               | 103              | 43               | 80               | 25               | 51               |
| acres  |                      | 98               | 896              | 1,377            | 546              | 1,079            | 319              | 695              |
| 20 to 29 acres .....                         | farms                | 10               | 39               | 66               | 45               | 63               | 17               | 38               |
| acres  |                      | 221              | 901              | 1,567            | 999              | 1,458            | 394              | 875              |
| 30 to 49 acres .....                         | farms                | 19               | 54               | 96               | 47               | 101              | 41               | 86               |
| acres  |                      | 680              | 2,020            | 3,623            | 1,694            | 3,860            | 1,619            | 3,236            |
| 50 to 99 acres .....                         | farms                | 23               | 59               | 130              | 38               | 86               | 57               | 114              |
| acres  |                      | 1,527            | 4,118            | 8,973            | 2,685            | 5,697            | 3,711            | 7,758            |
| 100 to 199 acres .....                       | farms                | 14               | 33               | 95               | 27               | 75               | 38               | 68               |
| acres  |                      | 1,849            | 4,401            | 12,728           | 3,965            | 10,440           | 5,413            | 9,182            |
| 200 to 499 acres .....                       | farms                | 14               | 32               | 65               | 24               | 68               | 38               | 58               |
| acres  |                      | 4,115            | 9,766            | 20,851           | 6,882            | 21,667           | 12,053           | 4,873            |
| 500 to 999 acres .....                       | farms                | 2                | 13               | 27               | 3                | 20               | 20               | 21               |
| acres  |                      | (D)              | 9,188            | 18,942           | 2,029            | 14,386           | 12,997           | 13,850           |
| 1,000 acres or more .....                    | farms                | 1                | 7                | 5                | 5                | 8                | 2                | 1                |
| acres  |                      | (D)              | 15,925           | 5,713            | 6,769            | 10,454           | (D)              | (D)              |

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Oscoda | Otsego | Ottawa  | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
|--|--------|--------|---------|--------------|-----------|---------|-----------|------------|
| Farms ..... number, 2002                     | 94     | 116    | 1,030   | 237          | 29        | 1,052   | 935       | 653        |
| 1997   | 79     | 125    | 1,250   | 294          | 33        | 1,151   | 940       | 750        |
| acres harvested, 2002                        | 5,925  | 12,768 | 120,164 | 29,611       | 1,661     | 269,242 | 133,720   | 182,020    |
| 1997   | 5,466  | 12,787 | 125,980 | 39,791       | 2,084     | 266,243 | 127,932   | 179,130    |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |        |        |         |              |           |         |           |            |
| 2002 size of farm:                           |        |        |         |              |           |         |           |            |
| 1 to 9 acres ..... farms                     | 4      | 2      | 102     | -            | 3         | 39      | 33        | 16         |
| acres harvested                              | 8      | (D)    | 245     | -            | 3         | 120     | 118       | 48         |
| 10 to 49 acres ..... farms                   | 24     | 27     | 382     | 31           | 8         | 281     | 335       | 173        |
| acres harvested                              | 300    | 340    | 5,376   | 564          | 100       | 4,791   | 4,631     | 2,491      |
| 50 to 69 acres ..... farms                   | 4      | 8      | 93      | 10           | 1         | 84      | 102       | 45         |
| acres harvested                              | (D)    | 273    | 2,994   | (D)          | (D)       | 3,139   | 3,290     | 1,566      |
| 70 to 99 acres ..... farms                   | 10     | 13     | 115     | 35           | 5         | 112     | 103       | 78         |
| acres harvested                              | 377    | 605    | 4,900   | 1,543        | 209       | 6,443   | 4,247     | 3,243      |
| 100 to 139 acres ..... farms                 | 14     | 10     | 86      | 27           | 2         | 90      | 79        | 61         |
| acres harvested                              | 517    | 465    | 5,826   | 980          | (D)       | 7,753   | 5,932     | 3,447      |
| 140 to 179 acres ..... farms                 | 16     | 2      | 54      | 29           | 3         | 75      | 53        | 46         |
| acres harvested                              | 822    | (D)    | 6,238   | 1,514        | 242       | 8,919   | 5,424     | 4,338      |
| 180 to 219 acres ..... farms                 | 3      | 8      | 39      | 21           | 4         | 50      | 44        | 25         |
| acres harvested                              | 388    | 895    | 5,861   | 1,568        | 316       | 7,846   | 5,749     | 3,230      |
| 220 to 259 acres ..... farms                 | 6      | 7      | 27      | 18           | -         | 43      | 45        | 29         |
| acres harvested                              | 750    | 660    | 5,122   | 1,572        | -         | 8,064   | 8,092     | 4,211      |
| 260 to 499 acres ..... farms                 | 12     | 20     | 69      | 41           | 2         | 117     | 76        | 65         |
| acres harvested                              | 2,301  | 3,830  | 18,463  | 5,189        | (D)       | 34,754  | 22,145    | 18,450     |
| 500 to 999 acres ..... farms                 | -      | 17     | 37      | 15           | 1         | 81      | 34        | 57         |
| acres harvested                              | -      | 5,134  | 20,809  | 5,097        | (D)       | 54,735  | 21,972    | 38,544     |
| 1,000 to 1,999 acres ..... farms             | 1      | 1      | 21      | 9            | -         | 59      | 27        | 41         |
| acres harvested                              | (D)    | (D)    | 26,859  | 8,912        | -         | 76,025  | 33,592    | 51,032     |
| 2,000 acres or more ..... farms              | -      | 1      | 5       | 1            | -         | 21      | 4         | 17         |
| acres harvested                              | -      | (D)    | 17,471  | (D)          | -         | 56,653  | 18,528    | 51,420     |
| 1997 size of farm:                           |        |        |         |              |           |         |           |            |
| 1 to 9 acres ..... farms                     | 2      | -      | 114     | -            | 3         | 53      | 30        | 23         |
| acres harvested                              | (D)    | -      | 277     | -            | (D)       | 188     | 94        | 75         |
| 10 to 49 acres ..... farms                   | 11     | 13     | 458     | 32           | 7         | 243     | 260       | 159        |
| acres harvested                              | 187    | 206    | 6,363   | 503          | 120       | 4,561   | 3,777     | 2,581      |
| 50 to 69 acres ..... farms                   | 6      | 6      | 127     | 18           | 3         | 91      | 86        | 50         |
| acres harvested                              | 157    | (D)    | 3,678   | (D)          | 107       | 4,017   | 2,684     | 1,654      |
| 70 to 99 acres ..... farms                   | 6      | 14     | 126     | 23           | 7         | 135     | 142       | 105        |
| acres harvested                              | 197    | 521    | 6,287   | 512          | 203       | 8,122   | 6,228     | 5,265      |
| 100 to 139 acres ..... farms                 | 21     | 20     | 111     | 36           | -         | 126     | 99        | 80         |
| acres harvested                              | 872    | 884    | 7,847   | 1,564        | -         | 10,726  | 6,829     | 5,258      |
| 140 to 179 acres ..... farms                 | 7      | 18     | 67      | 35           | 8         | 93      | 60        | 70         |
| acres harvested                              | 447    | 943    | 7,221   | 1,941        | 621       | 10,873  | 5,293     | 7,258      |
| 180 to 219 acres ..... farms                 | 5      | 11     | 62      | 26           | 3         | 69      | 52        | 37         |
| acres harvested                              | 261    | 853    | 9,415   | 1,868        | 270       | 10,834  | 5,947     | 5,099      |
| 220 to 259 acres ..... farms                 | 8      | 3      | 33      | 25           | 1         | 48      | 44        | 27         |
| acres harvested                              | 813    | 345    | 5,576   | 1,993        | (D)       | 9,877   | 6,963     | 4,177      |
| 260 to 499 acres ..... farms                 | 8      | 23     | 82      | 62           | -         | 133     | 100       | 71         |
| acres harvested                              | 1,463  | 2,568  | 23,047  | 7,828        | -         | 39,785  | 27,030    | 20,273     |
| 500 to 999 acres ..... farms                 | 4      | 12     | 49      | 21           | -         | 91      | 44        | 77         |
| acres harvested                              | (D)    | 3,391  | 28,871  | 7,022        | -         | 62,059  | 26,540    | 45,499     |
| 1,000 to 1,999 acres ..... farms             | 1      | 4      | 17      | 15           | 1         | 57      | 18        | 36         |
| acres harvested                              | (D)    | 2,444  | 18,459  | 14,166       | (D)       | 73,800  | 20,097    | 42,726     |
| 2,000 acres or more ..... farms              | -      | 1      | 4       | 1            | -         | 12      | 5         | 15         |
| acres harvested                              | -      | (D)    | 8,939   | (D)          | -         | 31,401  | 16,450    | 39,265     |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |        |        |         |              |           |         |           |            |
| 2002 acres harvested:                        |        |        |         |              |           |         |           |            |
| 1 to 9 acres ..... farms                     | 16     | 20     | 294     | 20           | 7         | 132     | 170       | 93         |
| acres  | 50     | 86     | 1,225   | 91           | 19        | 535     | 805       | 444        |
| 10 to 19 acres ..... farms                   | 13     | 4      | 151     | 27           | 3         | 121     | 189       | 101        |
| acres  | 206    | 58     | 2,028   | 342          | 30        | 1,548   | 2,448     | 1,376      |
| 20 to 29 acres ..... farms                   | 15     | 5      | 91      | 18           | 3         | 78      | 84        | 52         |
| acres  | 337    | (D)    | 2,119   | 377          | (D)       | 1,787   | 1,928     | 1,230      |
| 30 to 49 acres ..... farms                   | 14     | 25     | 129     | 44           | 6         | 114     | 98        | 55         |
| acres  | 530    | 910    | 4,751   | 1,690        | 232       | 4,401   | 3,540     | 2,113      |
| 50 to 99 acres ..... farms                   | 17     | 23     | 125     | 69           | 5         | 154     | 127       | 106        |
| acres  | 1,129  | 1,645  | 8,605   | 4,602        | 404       | 10,660  | 8,862     | 7,301      |
| 100 to 199 acres ..... farms                 | 12     | 18     | 103     | 28           | 3         | 159     | 112       | 67         |
| acres  | 1,699  | 2,446  | 14,793  | 3,894        | 410       | 22,374  | 15,632    | 9,184      |
| 200 to 499 acres ..... farms                 | 7      | 20     | 85      | 19           | 2         | 143     | 95        | 75         |
| acres  | 1,974  | 6,501  | 26,031  | 6,073        | (D)       | 44,596  | 27,933    | 24,271     |
| 500 to 999 acres ..... farms                 | -      | 1      | 30      | 8            | -         | 78      | 36        | 53         |
| acres  | -      | (D)    | 19,775  | 6,642        | -         | 57,120  | 27,103    | 39,899     |
| 1,000 acres or more ..... farms              | -      | -      | 22      | 4            | -         | 73      | 24        | 51         |
| acres  | -      | -      | 40,837  | 5,900        | -         | 126,221 | 45,449    | 96,202     |
| 1997 acres harvested:                        |        |        |         |              |           |         |           |            |
| 1 to 9 acres ..... farms                     | 8      | 14     | 317     | 21           | 4         | 130     | 130       | 84         |
| acres  | (D)    | 30     | 1,148   | 108          | (D)       | 574     | 544       | 435        |
| 10 to 19 acres ..... farms                   | 8      | 6      | 188     | 32           | 6         | 98      | 149       | 91         |
| acres  | 114    | 86     | 2,518   | 410          | 82        | 1,348   | 1,925     | 1,219      |
| 20 to 29 acres ..... farms                   | 14     | 15     | 137     | 32           | 5         | 61      | 82        | 47         |
| acres  | 315    | 324    | 3,112   | 774          | 107       | 1,421   | 1,890     | 1,095      |
| 30 to 49 acres ..... farms                   | 14     | 22     | 138     | 58           | 6         | 128     | 121       | 87         |
| acres  | 478    | 840    | 5,090   | 2,178        | 221       | 4,801   | 4,478     | 3,407      |
| 50 to 99 acres ..... farms                   | 22     | 35     | 172     | 63           | 6         | 217     | 173       | 147        |
| acres  | 1,491  | 2,488  | 11,961  | 4,401        | (D)       | 15,272  | 11,696    | 10,643     |
| 100 to 199 acres ..... farms                 | 6      | 17     | 145     | 44           | 5         | 192     | 125       | 99         |
| acres  | 769    | 2,390  | 20,950  | 5,978        | (D)       | 27,142  | 17,360    | 14,148     |
| 200 to 499 acres ..... farms                 | 6      | 12     | 97      | 25           | -         | 178     | 102       | 90         |
| acres  | 1,612  | 3,723  | 30,314  | 8,085        | -         | 54,151  | 30,683    | 29,446     |
| 500 to 999 acres ..... farms                 | 1      | 4      | 43      | 11           | 1         | 83      | 41        | 64         |
| acres  | (D)    | 2,906  | 29,716  | 7,672        | (D)       | 60,704  | 28,335    | 44,968     |
| 1,000 acres or more ..... farms              | -      | -      | 13      | 8            | -         | 64      | 17        | 41         |
| acres  | -      | -      | 21,171  | 10,185       | -         | 100,830 | 31,021    | 73,769     |

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Sanilac                   | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne  | Wexford |
|--|---------------------------|-------------|------------|---------|-----------|-----------|--------|---------|
| Farms .....                                  | number, 2002<br>1,145     | 41          | 805        | 911     | 865       | 915       | 187    | 258     |
|  | 1997<br>1,284             | 39          | 904        | 1,047   | 1,047     | 916       | 236    | 248     |
| acres harvested, 2002<br>340,659             | 5,192                     | 185,271     | 270,006    | 107,184 | 122,754   | 14,269    | 18,399 |         |
|  | 1997<br>340,770           | 5,110       | 179,575    | 271,081 | 116,190   | 139,607   | 23,764 | 22,902  |
| <b>HARVESTED CROPLAND BY SIZE OF FARM</b>    |                           |             |            |         |           |           |        |         |
| 2002 size of farm:                           |                           |             |            |         |           |           |        |         |
| 1 to 9 acres .....                           | farms<br>14               | 1           | 14         | 16      | 34        | 45        | 27     | 1       |
|  | acres harvested<br>45     | (D)         | 47         | 49      | 114       | 191       | (D)    | (D)     |
| 10 to 49 acres .....                         | farms<br>226              | 11          | 226        | 206     | 316       | 329       | 89     | 70      |
|  | acres harvested<br>3,662  | 127         | 3,801      | 2,964   | 4,154     | 4,094     | 1,106  | 928     |
| 50 to 69 acres .....                         | farms<br>59               | 1           | 55         | 81      | 94        | 83        | 13     | 19      |
|  | acres harvested<br>1,948  | (D)         | 1,520      | 2,217   | 2,175     | 2,556     | 493    | (D)     |
| 70 to 99 acres .....                         | farms<br>110              | 2           | 87         | 131     | 114       | 109       | 12     | 65      |
|  | acres harvested<br>5,157  | (D)         | 4,280      | 6,392   | 4,395     | 5,126     | 638    | 2,124   |
| 100 to 139 acres .....                       | farms<br>108              | 3           | 93         | 79      | 75        | 76        | 14     | 35      |
|  | acres harvested<br>7,883  | 104         | 7,051      | 5,928   | 4,084     | 4,738     | 882    | 2,124   |
| 140 to 179 acres .....                       | farms<br>87               | 3           | 44         | 53      | 53        | 52        | 8      | 15      |
|  | acres harvested<br>8,943  | 143         | 5,184      | 6,228   | 4,358     | 5,527     | 581    | 1,188   |
| 180 to 219 acres .....                       | farms<br>71               | 5           | 37         | 46      | 37        | 26        | 2      | 15      |
|  | acres harvested<br>11,288 | 439         | 5,799      | 5,901   | 3,895     | 3,374     | (D)    | 1,226   |
| 220 to 259 acres .....                       | farms<br>55               | 1           | 35         | 27      | 24        | 30        | 4      | 7       |
|  | acres harvested<br>9,720  | (D)         | 6,576      | 5,132   | 3,845     | 5,077     | 578    | 894     |
| 260 to 499 acres .....                       | farms<br>170              | 6           | 89         | 100     | 65        | 79        | 10     | 21      |
|  | acres harvested<br>50,193 | 744         | 25,921     | 29,331  | 14,386    | 22,870    | 2,097  | 2,917   |
| 500 to 999 acres .....                       | farms<br>147              | 4           | 79         | 87      | 29        | 57        | 4      | 7       |
|  | acres harvested<br>87,438 | 1,960       | 49,023     | 54,799  | 14,485    | 31,996    | 2,812  | 3,828   |
| 1,000 to 1,999 acres .....                   | farms<br>72               | 4           | 32         | 60      | 13        | 24        | 4      | 3       |
|  | acres harvested<br>82,033 | 1,404       | 40,445     | 78,872  | 10,840    | 28,953    | 4,801  | 2,860   |
| 2,000 acres or more .....                    | farms<br>26               | -           | 14         | 25      | 11        | 5         | -      | -       |
|  | acres harvested<br>72,349 | -           | 35,624     | 72,193  | 40,453    | 8,252     | -      | -       |
| 1997 size of farm:                           |                           |             |            |         |           |           |        |         |
| 1 to 9 acres .....                           | farms<br>15               | -           | 24         | 20      | 49        | 35        | 64     | 1       |
|  | acres harvested<br>61     | -           | 96         | 66      | 140       | 126       | (D)    | (D)     |
| 10 to 49 acres .....                         | farms<br>212              | 6           | 219        | 196     | 332       | 259       | 81     | 46      |
|  | acres harvested<br>3,882  | 55          | 3,803      | 3,074   | 4,109     | 3,519     | 782    | 825     |
| 50 to 69 acres .....                         | farms<br>72               | -           | 60         | 81      | 116       | 73        | 19     | 17      |
|  | acres harvested<br>2,317  | -           | 1,798      | 2,743   | 2,848     | 2,535     | 598    | 453     |
| 70 to 99 acres .....                         | farms<br>132              | 4           | 108        | 131     | 129       | 109       | 9      | 46      |
|  | acres harvested<br>6,151  | 245         | 5,600      | 6,063   | 3,674     | 5,226     | 505    | 1,339   |
| 100 to 139 acres .....                       | farms<br>125              | 8           | 101        | 123     | 116       | 91        | 10     | 41      |
|  | acres harvested<br>9,329  | 332         | 8,279      | 9,010   | 6,442     | 5,665     | 635    | 1,859   |
| 140 to 179 acres .....                       | farms<br>130              | 1           | 63         | 77      | 82        | 78        | 17     | 28      |
|  | acres harvested<br>13,586 | (D)         | 6,918      | 7,787   | 6,643     | 7,328     | 2,063  | 1,856   |
| 180 to 219 acres .....                       | farms<br>89               | 2           | 52         | 61      | 48        | 39        | 6      | 17      |
|  | acres harvested<br>12,859 | (D)         | 7,973      | 8,589   | 4,386     | 5,627     | 687    | 1,881   |
| 220 to 259 acres .....                       | farms<br>64               | 2           | 37         | 42      | 32        | 32        | 3      | 18      |
|  | acres harvested<br>10,456 | (D)         | 7,050      | 7,671   | 4,362     | 5,331     | (D)    | 1,856   |
| 260 to 499 acres .....                       | farms<br>211              | 6           | 119        | 126     | 77        | 109       | 10     | 20      |
|  | acres harvested<br>59,208 | 645         | 33,892     | 37,248  | 16,773    | 31,100    | 3,167  | 3,042   |
| 500 to 999 acres .....                       | farms<br>149              | 5           | 86         | 115     | 45        | 62        | 7      | 11      |
|  | acres harvested<br>88,656 | 1,859       | 51,883     | 66,991  | 24,734    | 35,389    | 3,917  | 5,594   |
| 1,000 to 1,999 acres .....                   | farms<br>61               | 4           | 26         | 54      | 16        | 25        | 6      | 2       |
|  | acres harvested<br>71,233 | 1,594       | 30,462     | 67,526  | 18,720    | 30,553    | 5,044  | (D)     |
| 2,000 acres or more .....                    | farms<br>24               | 1           | 9          | 21      | 5         | 4         | 4      | 1       |
|  | acres harvested<br>63,032 | (D)         | 21,821     | 54,313  | 23,359    | 7,208     | 6,091  | (D)     |
| <b>HARVESTED CROPLAND BY ACRES HARVESTED</b> |                           |             |            |         |           |           |        |         |
| 2002 acres harvested:                        |                           |             |            |         |           |           |        |         |
| 1 to 9 acres .....                           | farms<br>88               | 7           | 87         | 116     | 190       | 226       | 78     | 47      |
|  | acres<br>451              | 18          | 462        | 552     | 811       | 1,109     | 323    | (D)     |
| 10 to 19 acres .....                         | farms<br>120              | -           | 120        | 106     | 190       | 138       | 31     | 46      |
|  | acres<br>1,634            | -           | 1,569      | 1,342   | 2,499     | 1,810     | 387    | 622     |
| 20 to 29 acres .....                         | farms<br>91               | 9           | 66         | 72      | 86        | 78        | 18     | 43      |
|  | acres<br>2,131            | (D)         | 1,537      | 1,664   | 1,969     | 1,779     | 395    | 959     |
| 30 to 49 acres .....                         | farms<br>99               | 6           | 84         | 94      | 98        | 97        | 13     | 25      |
|  | acres<br>3,731            | 215         | 3,049      | 3,547   | 3,536     | 3,721     | 493    | 921     |
| 50 to 99 acres .....                         | farms<br>148              | 5           | 102        | 132     | 129       | 120       | 17     | 50      |
|  | acres<br>10,542           | 373         | 7,312      | 9,258   | 9,037     | 8,189     | 1,107  | 3,479   |
| 100 to 199 acres .....                       | farms<br>175              | 7           | 118        | 122     | 69        | 92        | 15     | 30      |
|  | acres<br>25,612           | 959         | 16,311     | 17,299  | 9,351     | 12,871    | 2,069  | 4,013   |
| 200 to 499 acres .....                       | farms<br>213              | 3           | 119        | 108     | 64        | 97        | 7      | 11      |
|  | acres<br>67,080           | (D)         | 36,119     | 33,898  | 18,404    | 30,833    | 1,882  | 2,679   |
| 500 to 999 acres .....                       | farms<br>132              | 4           | 70         | 84      | 23        | 43        | 4      | 4       |
|  | acres<br>90,907           | 2,611       | 49,282     | 59,157  | 15,116    | 28,787    | 2,812  | 2,915   |
| 1,000 acres or more .....                    | farms<br>79               | -           | 39         | 77      | 16        | 24        | 4      | 2       |
|  | acres<br>138,571          | -           | 69,630     | 143,289 | 46,461    | 33,655    | 4,801  | (D)     |
| 1997 acres harvested:                        |                           |             |            |         |           |           |        |         |
| 1 to 9 acres .....                           | farms<br>79               | 4           | 104        | 108     | 262       | 160       | 119    | 36      |
|  | acres<br>429              | 18          | 549        | 502     | 1,164     | 686       | 353    | (D)     |
| 10 to 19 acres .....                         | farms<br>97               | 2           | 87         | 106     | 189       | 111       | 26     | 30      |
|  | acres<br>1,293            | (D)         | 1,176      | 1,470   | 2,572     | 1,463     | 349    | 418     |
| 20 to 29 acres .....                         | farms<br>103              | 2           | 72         | 83      | 104       | 75        | 9      | 36      |
|  | acres<br>2,398            | (D)         | 1,670      | 1,939   | 2,388     | 1,714     | 195    | 823     |
| 30 to 49 acres .....                         | farms<br>139              | 9           | 108        | 118     | 135       | 112       | 21     | 40      |
|  | acres<br>5,039            | 326         | 4,002      | 4,440   | 5,081     | 4,148     | 826    | 1,494   |
| 50 to 99 acres .....                         | farms<br>197              | 9           | 130        | 161     | 127       | 146       | 17     | 47      |
|  | acres<br>14,233           | 596         | 9,447      | 11,748  | 8,822     | 10,525    | 1,308  | 3,263   |
| 100 to 199 acres .....                       | farms<br>233              | 4           | 158        | 143     | 112       | 115       | 18     | 36      |
|  | acres<br>33,634           | 577         | 22,195     | 19,594  | 14,816    | 15,899    | 2,644  | 4,737   |
| 200 to 499 acres .....                       | farms<br>246              | 6           | 144        | 171     | 65        | 127       | 15     | 14      |
|  | acres<br>77,421           | 1,818       | 45,154     | 53,881  | 19,424    | 40,610    | 5,352  | 3,773   |
| 500 to 999 acres .....                       | farms<br>120              | 3           | 73         | 91      | 37        | 47        | 6      | 7       |
|  | acres<br>84,496           | 1,703       | 49,066     | 63,791  | 23,453    | 31,866    | 4,562  | 4,321   |
| 1,000 acres or more .....                    | farms<br>70               | -           | 28         | 66      | 16        | 23        | 5      | 2       |
|  | acres<br>121,827          | -           | 46,316     | 113,716 | 38,470    | 32,696    | 8,175  | (D)     |

**Table 10. Irrigation: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan  | Alcona | Alger | Allegan | Alpena | Antrim | Arenac |
|---|-----------|--------|-------|---------|--------|--------|--------|
| Farms ..... number, 2002                                      | 4,413     | 8      | 4     | 191     | 12     | 56     | 6      |
| 1997  | 4,123     | 4      | 5     | 213     | 14     | 40     | 11     |
| Land in irrigated farms ..... acres, 2002                     | 1,563,762 | 1,313  | 419   | 56,649  | 1,603  | 17,763 | 1,661  |
| 1997  | 1,322,968 | 830    | 1,072 | 47,102  | 3,505  | 14,886 | 3,656  |
| Harvested cropland ..... farms, 2002                          | 4,301     | 8      | 4     | 185     | 12     | 56     | 6      |
| 1997  | 4,058     | 4      | 5     | 211     | 14     | 40     | 11     |
| acres, 2002   | 1,249,184 | 542    | 90    | 47,252  | 697    | 5,441  | (D)    |
| 1997  | 1,014,308 | (D)    | (D)   | 38,034  | 1,733  | 6,549  | 2,888  |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 1,539     | 2      | 3     | 64      | 5      | 29     | 2      |
| 1997  | 1,685     | 1      | 4     | 93      | 10     | 23     | 5      |
| acres, 2002   | 71,850    | (D)    | (D)   | 2,298   | 202    | 3,943  | (D)    |
| 1997  | 71,228    | (D)    | 117   | 2,815   | 651    | 2,168  | 163    |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 1,021     | 1      | 1     | 30      | 6      | 20     | 1      |
| 1997  | 824       | 2      | -     | 32      | 5      | 9      | -      |
| acres, 2002   | 32,322    | (D)    | (D)   | 1,326   | 235    | 627    | (D)    |
| 1997  | 32,891    | (D)    | -     | 586     | 271    | 659    | -      |
| Irrigated land ..... acres, 2002                              | 456,278   | (D)    | 44    | 15,348  | 252    | 2,416  | 57     |
| 1997  | 407,071   | (D)    | 29    | 15,032  | 520    | 2,975  | 871    |
| Harvested cropland ..... farms, 2002                          | 4,244     | 8      | 4     | 184     | 12     | 55     | 6      |
| 1997  | 4,017     | 4      | 5     | 211     | 14     | 39     | 11     |
| acres, 2002   | 453,968   | (D)    | 44    | 15,277  | 252    | (D)    | 57     |
| 1997  | 403,927   | (D)    | 29    | 15,009  | (D)    | (D)    | 871    |
| Pastureland and other land ..... farms, 2002                  | 235       | -      | -     | 8       | -      | 1      | -      |
| 1997  | 190       | -      | -     | 4       | 1      | 1      | -      |
| acres, 2002   | 2,310     | -      | -     | 71      | -      | (D)    | -      |
| 1997  | 3,144     | -      | -     | 23      | (D)    | (D)    | -      |
| 2002 irrigated acres by size of farm:                         |           |        |       |         |        |        |        |
| 1 to 9 acres ..... farms                                      | 581       | 2      | -     | 26      | -      | 8      | 3      |
| acres irrigated   | 996       | (D)    | -     | 38      | -      | 8      | (D)    |
| 10 to 49 acres ..... farms                                    | 1,317     | 1      | 1     | 60      | 5      | 17     | -      |
| acres irrigated   | 7,359     | (D)    | (D)   | 502     | 15     | 82     | -      |
| 50 to 69 acres ..... farms                                    | 266       | -      | -     | 16      | -      | 2      | -      |
| acres irrigated   | 3,503     | -      | -     | 224     | -      | (D)    | -      |
| 70 to 99 acres ..... farms                                    | 326       | 1      | 1     | 23      | 3      | 4      | -      |
| acres irrigated   | 5,439     | (D)    | (D)   | 780     | (D)    | 17     | -      |
| 100 to 139 acres ..... farms                                  | 248       | 1      | 1     | 6       | 1      | 2      | 1      |
| acres irrigated   | 6,434     | (D)    | (D)   | 289     | (D)    | (D)    | (D)    |
| 140 to 179 acres ..... farms                                  | 191       | 1      | -     | 13      | -      | 4      | -      |
| acres irrigated   | 7,576     | (D)    | -     | 676     | -      | 87     | -      |
| 180 to 219 acres ..... farms                                  | 136       | -      | 1     | 3       | -      | 3      | -      |
| acres irrigated   | 7,029     | -      | (D)   | 335     | -      | (D)    | -      |
| 220 to 259 acres ..... farms                                  | 116       | -      | -     | 7       | 1      | 1      | -      |
| acres irrigated   | 8,167     | -      | -     | 1,123   | (D)    | (D)    | -      |
| 260 to 499 acres ..... farms                                  | 403       | 1      | -     | 10      | 2      | 9      | 1      |
| acres irrigated   | 39,398    | (D)    | -     | 1,867   | (D)    | 566    | (D)    |
| 500 to 999 acres ..... farms                                  | 372       | 1      | -     | 13      | -      | 2      | -      |
| acres irrigated   | 83,180    | (D)    | -     | 3,996   | -      | (D)    | -      |
| 1,000 to 1,999 acres ..... farms                              | 278       | -      | -     | 7       | -      | 3      | 1      |
| acres irrigated   | 114,730   | -      | -     | 1,641   | -      | (D)    | (D)    |
| 2,000 acres or more ..... farms                               | 179       | -      | -     | 7       | -      | 1      | -      |
| acres irrigated   | 172,467   | -      | -     | 3,877   | -      | (D)    | -      |
| 1997 irrigated acres by size of farm:                         |           |        |       |         |        |        |        |
| 1 to 9 acres ..... farms                                      | 619       | -      | -     | 24      | 2      | 5      | 3      |
| acres irrigated   | 1,161     | -      | -     | (D)     | (D)    | 12     | 3      |
| 10 to 49 acres ..... farms                                    | 1,099     | 2      | 1     | 57      | 5      | 9      | 2      |
| acres irrigated   | 6,989     | (D)    | (D)   | 456     | 16     | 36     | (D)    |
| 50 to 69 acres ..... farms                                    | 265       | -      | -     | 26      | -      | 1      | -      |
| acres irrigated   | 3,750     | -      | -     | 328     | -      | (D)    | -      |
| 70 to 99 acres ..... farms                                    | 318       | -      | -     | 27      | 1      | 6      | 2      |
| acres irrigated   | 6,105     | -      | -     | 581     | (D)    | 33     | (D)    |
| 100 to 139 acres ..... farms                                  | 256       | -      | -     | 15      | 1      | -      | -      |
| acres irrigated   | 9,145     | -      | -     | 1,022   | (D)    | -      | -      |
| 140 to 179 acres ..... farms                                  | 185       | -      | -     | 10      | 1      | 3      | -      |
| acres irrigated   | 7,789     | -      | -     | 534     | (D)    | 94     | -      |
| 180 to 219 acres ..... farms                                  | 138       | -      | 3     | 14      | 1      | 3      | -      |
| acres irrigated   | 7,855     | -      | (D)   | 1,508   | (D)    | 3      | -      |
| 220 to 259 acres ..... farms                                  | 96        | -      | -     | 3       | -      | -      | -      |
| acres irrigated   | 6,282     | -      | -     | (D)     | -      | -      | -      |
| 260 to 499 acres ..... farms                                  | 379       | 2      | 1     | 16      | -      | 7      | 2      |
| acres irrigated   | 39,317    | (D)    | (D)   | 2,208   | -      | 255    | (D)    |
| 500 to 999 acres ..... farms                                  | 394       | -      | -     | 10      | 2      | 3      | -      |
| acres irrigated   | 94,829    | -      | -     | 2,320   | (D)    | (D)    | -      |
| 1,000 to 1,999 acres ..... farms                              | 268       | -      | -     | 7       | 1      | 2      | 2      |
| acres irrigated   | 109,581   | -      | -     | 3,310   | (D)    | (D)    | (D)    |
| 2,000 acres or more ..... farms                               | 106       | -      | -     | 4       | -      | 1      | -      |
| acres irrigated   | 114,268   | -      | -     | 2,426   | -      | (D)    | -      |

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Baraga | Barry  | Bay    | Benzie | Berrien | Branch  | Calhoun |
|---|--------|--------|--------|--------|---------|---------|---------|
| Farms ..... number, 2002                                      | 3      | 43     | 58     | 24     | 224     | 141     | 73      |
| 1997  | 5      | 26     | 69     | 18     | 217     | 127     | 66      |
| Land in irrigated farms ..... acres, 2002                     | 177    | 20,540 | 16,000 | 4,868  | 73,416  | 116,259 | 50,669  |
| 1997  | 1,173  | 14,634 | 16,154 | 2,809  | 50,365  | 95,121  | 47,590  |
| Harvested cropland ..... farms, 2002                          | 3      | 43     | 58     | 24     | 221     | 138     | 70      |
| 1997  | 5      | 23     | 66     | 18     | 215     | 124     | 64      |
| acres, 2002   | (D)    | 17,107 | 14,576 | 1,681  | 61,837  | 100,683 | 43,623  |
| 1997  | (D)    | 11,589 | 15,077 | 890    | 41,034  | 79,946  | 39,004  |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 1      | 24     | 21     | 18     | 93      | 35      | 26      |
| 1997  | 1      | 10     | 22     | 8      | 114     | 46      | 26      |
| acres, 2002   | (D)    | 727    | 499    | 512    | 3,961   | 1,042   | 767     |
| 1997  | (D)    | 306    | 707    | 290    | 3,447   | 1,724   | 1,361   |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 1      | 15     | 9      | 3      | 34      | 38      | 22      |
| 1997  | -      | 11     | 4      | -      | 36      | 23      | 22      |
| acres, 2002   | (D)    | 406    | 226    | (D)    | 445     | 833     | 391     |
| 1997  | -      | 284    | (D)    | -      | 607     | 1,544   | 769     |
| Irrigated land ..... acres, 2002                              | (D)    | 2,715  | 3,611  | 461    | 19,166  | 39,315  | 10,418  |
| 1997  | (D)    | 2,255  | 5,078  | 222    | 11,014  | 30,855  | 9,276   |
| Harvested cropland ..... farms, 2002                          | 3      | 41     | 58     | 24     | 221     | 138     | 68      |
| 1997  | 5      | 23     | 66     | 18     | 215     | 123     | 63      |
| acres, 2002   | (D)    | 2,665  | 3,611  | 461    | 19,149  | (D)     | 10,340  |
| 1997  | (D)    | 5,065  | 222    | 222    | 10,994  | 30,671  | 9,269   |
| Pastureland and other land ..... farms, 2002                  | -      | 7      | -      | -      | 4       | 5       | 7       |
| 1997  | -      | 4      | 4      | -      | 4       | 5       | 5       |
| acres, 2002   | -      | 50     | -      | -      | 17      | (D)     | 78      |
| 1997  | -      | (D)    | 13     | -      | 20      | 184     | 7       |
| 2002 irrigated acres by size of farm:                         |        |        |        |        |         |         |         |
| 1 to 9 acres ..... farms                                      | -      | 3      | 8      | 1      | 17      | 4       | 9       |
| acres irrigated   | -      | 11     | 16     | (D)    | 26      | 4       | 26      |
| 10 to 49 acres ..... farms                                    | 2      | 12     | 10     | 6      | 78      | 17      | 6       |
| acres irrigated   | (D)    | 44     | 69     | 33     | 433     | 99      | 30      |
| 50 to 69 acres ..... farms                                    | -      | 3      | 2      | 1      | 11      | 8       | 2       |
| acres irrigated   | -      | 51     | (D)    | (D)    | 80      | 185     | (D)     |
| 70 to 99 acres ..... farms                                    | -      | 4      | 6      | 6      | 20      | 4       | 4       |
| acres irrigated   | -      | 27     | 62     | 40     | 606     | 195     | 20      |
| 100 to 139 acres ..... farms                                  | 1      | 2      | -      | 1      | 11      | 3       | 4       |
| acres irrigated   | (D)    | (D)    | -      | (D)    | 179     | (D)     | (D)     |
| 140 to 179 acres ..... farms                                  | -      | 3      | 3      | -      | 11      | 1       | 3       |
| acres irrigated   | -      | 59     | (D)    | -      | 299     | (D)     | 190     |
| 180 to 219 acres ..... farms                                  | -      | 1      | 4      | 3      | 8       | 4       | 3       |
| acres irrigated   | -      | (D)    | 251    | (D)    | 357     | 145     | 223     |
| 220 to 259 acres ..... farms                                  | -      | -      | 3      | 1      | 8       | 2       | 3       |
| acres irrigated   | -      | -      | 127    | (D)    | 573     | (D)     | 214     |
| 260 to 499 acres ..... farms                                  | -      | 5      | 13     | 3      | 21      | 31      | 10      |
| acres irrigated   | -      | 423    | 1,037  | 48     | 1,230   | 3,678   | 954     |
| 500 to 999 acres ..... farms                                  | -      | 6      | 5      | 1      | 23      | 27      | 11      |
| acres irrigated   | -      | 1,035  | 1,208  | (D)    | 4,149   | 5,625   | 1,932   |
| 1,000 to 1,999 acres ..... farms                              | -      | 2      | 4      | 1      | 8       | 19      | 10      |
| acres irrigated   | -      | (D)    | 720    | (D)    | 2,524   | 8,803   | 1,682   |
| 2,000 acres or more ..... farms                               | -      | 2      | -      | -      | 8       | 21      | 8       |
| acres irrigated   | -      | (D)    | -      | -      | 8,710   | 20,175  | 5,137   |
| 1997 irrigated acres by size of farm:                         |        |        |        |        |         |         |         |
| 1 to 9 acres ..... farms                                      | -      | 1      | 9      | 2      | 21      | 11      | 5       |
| acres irrigated   | -      | (D)    | 18     | (D)    | 40      | (D)     | 9       |
| 10 to 49 acres ..... farms                                    | 3      | 5      | 15     | 4      | 63      | 5       | 8       |
| acres irrigated   | 3      | 9      | 129    | 20     | 413     | 92      | 31      |
| 50 to 69 acres ..... farms                                    | -      | 2      | 4      | 3      | 25      | 8       | 1       |
| acres irrigated   | -      | (D)    | 81     | (D)    | 390     | 187     | (D)     |
| 70 to 99 acres ..... farms                                    | 1      | 2      | 1      | 1      | 20      | 6       | 3       |
| acres irrigated   | (D)    | (D)    | (D)    | (D)    | 425     | 282     | (D)     |
| 100 to 139 acres ..... farms                                  | -      | 3      | 4      | 1      | 13      | 5       | 1       |
| acres irrigated   | -      | 106    | 296    | (D)    | 333     | 220     | (D)     |
| 140 to 179 acres ..... farms                                  | -      | 1      | 8      | 1      | 13      | 5       | 4       |
| acres irrigated   | -      | (D)    | 509    | (D)    | 317     | 284     | (D)     |
| 180 to 219 acres ..... farms                                  | -      | 1      | 2      | 1      | 9       | 4       | 3       |
| acres irrigated   | -      | (D)    | (D)    | (D)    | 98      | 276     | 7       |
| 220 to 259 acres ..... farms                                  | -      | 1      | 5      | 2      | 11      | 3       | 4       |
| acres irrigated   | -      | (D)    | 522    | (D)    | 848     | (D)     | 63      |
| 260 to 499 acres ..... farms                                  | -      | 3      | 11     | 2      | 22      | 17      | 11      |
| acres irrigated   | -      | 354    | 1,242  | (D)    | 1,646   | 2,087   | 1,245   |
| 500 to 999 acres ..... farms                                  | 1      | 5      | 6      | 1      | 12      | 31      | 9       |
| acres irrigated   | (D)    | 937    | 1,109  | (D)    | 1,662   | 7,062   | 1,327   |
| 1,000 to 1,999 acres ..... farms                              | -      | -      | 4      | -      | 5       | 23      | 9       |
| acres irrigated   | -      | -      | 1,075  | -      | 2,292   | 9,571   | 1,425   |
| 2,000 acres or more ..... farms                               | -      | 2      | -      | -      | 3       | 9       | 8       |
| acres irrigated   | -      | (D)    | -      | -      | 2,550   | 10,474  | 4,960   |

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass   | Charlevoix | Cheboygan | Chippewa | Clare | Clinton | Crawford |
|---|--------|------------|-----------|----------|-------|---------|----------|
| Farms ..... number, 2002                                      | 104    | 22         | 24        | 11       | 13    | 45      | 6        |
| 1997  | 83     | 15         | 11        | 9        | 7     | 47      | 2        |
| Land in irrigated farms ..... acres, 2002                     | 81,034 | 1,850      | 4,002     | 1,962    | 4,917 | 22,805  | 319      |
| 1997  | 48,445 | 2,394      | 2,551     | 878      | (D)   | 21,751  | (D)      |
| Harvested cropland ..... farms, 2002                          | 104    | 22         | 24        | 11       | 13    | 45      | 1        |
| 1997  | 83     | 15         | 11        | 9        | 7     | 46      | 2        |
| acres, 2002   | 68,019 | 450        | 604       | 536      | 2,460 | 19,710  | (D)      |
| 1997  | 39,999 | 800        | 805       | 98       | (D)   | 16,370  | (D)      |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 28     | 5          | 12        | 5        | -     | 8       | -        |
| 1997  | 32     | 11         | 6         | 5        | 3     | 20      | -        |
| acres, 2002   | 2,878  | 164        | 834       | 211      | -     | 139     | -        |
| 1997  | 826    | 321        | 802       | 289      | (D)   | 2,053   | -        |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 32     | 10         | 6         | 3        | 7     | 7       | 2        |
| 1997  | 18     | 8          | 1         | 5        | 3     | 16      | -        |
| acres, 2002   | 2,035  | 165        | 557       | 53       | 1,443 | (D)     | (D)      |
| 1997  | 2,151  | 177        | (D)       | 147      | (D)   | 614     | -        |
| Irrigated land ..... acres, 2002                              | 25,437 | 95         | 108       | 340      | 789   | 3,230   | 26       |
| 1997  | 14,934 | 59         | 72        | 54       | (D)   | 2,676   | (D)      |
| Harvested cropland ..... farms, 2002                          | 104    | 21         | 24        | 11       | 13    | 45      | 1        |
| 1997  | 83     | 14         | 11        | 9        | 7     | 43      | 2        |
| acres, 2002   | (D)    | (D)        | (D)       | 340      | 789   | 3,230   | (D)      |
| 1997  | (D)    | (D)        | 72        | 54       | (D)   | 2,495   | (D)      |
| Pastureland and other land ..... farms, 2002                  | 2      | 1          | 1         | -        | -     | -       | 5        |
| 1997  | 1      | 1          | -         | -        | -     | 7       | -        |
| acres, 2002   | (D)    | (D)        | (D)       | -        | -     | -       | (D)      |
| 1997  | (D)    | (D)        | -         | -        | -     | 181     | -        |
| 2002 irrigated acres by size of farm:                         |        |            |           |          |       |         |          |
| 1 to 9 acres ..... farms                                      | 5      | 5          | 4         | 1        | -     | 3       | -        |
| acres irrigated   | 19     | 6          | 4         | (D)      | -     | 3       | -        |
| 10 to 49 acres ..... farms                                    | 13     | 11         | 8         | 1        | 4     | 13      | 3        |
| acres irrigated   | 100    | 21         | 12        | (D)      | (D)   | 39      | 11       |
| 50 to 69 acres ..... farms                                    | 6      | -          | 2         | -        | 1     | 5       | -        |
| acres irrigated   | 25     | -          | (D)       | -        | (D)   | 169     | -        |
| 70 to 99 acres ..... farms                                    | 5      | 1          | 2         | -        | 2     | 10      | 3        |
| acres irrigated   | (D)    | (D)        | (D)       | -        | (D)   | 190     | 15       |
| 100 to 139 acres ..... farms                                  | 2      | 1          | 1         | 2        | 4     | 2       | -        |
| acres irrigated   | (D)    | (D)        | (D)       | (D)      | 62    | (D)     | -        |
| 140 to 179 acres ..... farms                                  | 7      | 1          | -         | -        | -     | 1       | -        |
| acres irrigated   | 233    | (D)        | -         | -        | -     | (D)     | -        |
| 180 to 219 acres ..... farms                                  | 6      | 1          | -         | 4        | -     | -       | -        |
| acres irrigated   | 444    | (D)        | -         | (D)      | -     | -       | -        |
| 220 to 259 acres ..... farms                                  | 5      | 1          | -         | 1        | -     | 1       | -        |
| acres irrigated   | 352    | (D)        | -         | (D)      | -     | (D)     | -        |
| 260 to 499 acres ..... farms                                  | 14     | -          | 4         | 2        | -     | 2       | -        |
| acres irrigated   | 1,377  | -          | 57        | (D)      | -     | (D)     | -        |
| 500 to 999 acres ..... farms                                  | 10     | 1          | 3         | -        | -     | 1       | -        |
| acres irrigated   | 2,231  | (D)        | 12        | -        | -     | (D)     | -        |
| 1,000 to 1,999 acres ..... farms                              | 21     | -          | -         | -        | 1     | 4       | -        |
| acres irrigated   | 10,352 | -          | -         | -        | (D)   | 1,552   | -        |
| 2,000 acres or more ..... farms                               | 10     | -          | -         | -        | 1     | 3       | -        |
| acres irrigated   | 10,080 | -          | -         | -        | (D)   | 812     | -        |
| 1997 irrigated acres by size of farm:                         |        |            |           |          |       |         |          |
| 1 to 9 acres ..... farms                                      | 7      | 1          | 3         | 1        | 2     | 8       | -        |
| acres irrigated   | 12     | (D)        | 3         | (D)      | (D)   | 18      | -        |
| 10 to 49 acres ..... farms                                    | 11     | 6          | 2         | -        | 1     | 7       | 2        |
| acres irrigated   | 71     | 14         | (D)       | -        | (D)   | 16      | (D)      |
| 50 to 69 acres ..... farms                                    | 5      | -          | 1         | -        | -     | 4       | -        |
| acres irrigated   | 62     | -          | (D)       | -        | -     | (D)     | -        |
| 70 to 99 acres ..... farms                                    | 7      | 1          | 1         | 5        | -     | 7       | -        |
| acres irrigated   | 149    | (D)        | (D)       | (D)      | -     | 333     | -        |
| 100 to 139 acres ..... farms                                  | 2      | 1          | -         | 2        | 3     | 3       | -        |
| acres irrigated   | (D)    | (D)        | (D)       | (D)      | (D)   | (D)     | -        |
| 140 to 179 acres ..... farms                                  | 5      | 1          | -         | -        | -     | 3       | -        |
| acres irrigated   | 194    | (D)        | -         | -        | -     | 62      | -        |
| 180 to 219 acres ..... farms                                  | 4      | -          | -         | -        | -     | 2       | -        |
| acres irrigated   | 193    | -          | -         | -        | -     | (D)     | -        |
| 220 to 259 acres ..... farms                                  | 1      | -          | -         | -        | -     | -       | -        |
| acres irrigated   | (D)    | -          | -         | -        | -     | -       | -        |
| 260 to 499 acres ..... farms                                  | 11     | 4          | 2         | 1        | -     | 3       | -        |
| acres irrigated   | 1,371  | (D)        | (D)       | (D)      | -     | (D)     | -        |
| 500 to 999 acres ..... farms                                  | 12     | 1          | 2         | -        | -     | 4       | -        |
| acres irrigated   | 4,084  | (D)        | (D)       | -        | -     | 466     | -        |
| 1,000 to 1,999 acres ..... farms                              | 14     | -          | -         | -        | 1     | 3       | -        |
| acres irrigated   | 7,070  | -          | -         | -        | (D)   | 688     | -        |
| 2,000 acres or more ..... farms                               | 4      | -          | -         | -        | -     | 3       | -        |
| acres irrigated   | 1,570  | -          | -         | -        | -     | (D)     | -        |

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Delta | Dickinson | Eaton | Emmet | Genesee | Gladwin | Gogebic |
|---|-------|-----------|-------|-------|---------|---------|---------|
| Farms ..... number, 2002                                      | 23    | 7         | 31    | 24    | 66      | 13      | 2       |
| 1997  | 17    | 12        | 43    | 26    | 54      | 10      | 1       |
| Land in irrigated farms ..... acres, 2002                     | 6,195 | 2,407     | 5,201 | 3,047 | 6,651   | 1,286   | (D)     |
| 1997  | 5,719 | 4,803     | 6,309 | 4,306 | 6,634   | 752     | (D)     |
| Harvested cropland ..... farms, 2002                          | 23    | 7         | 31    | 24    | 62      | 13      | 2       |
| 1997  | 17    | 12        | 41    | 26    | 50      | 9       | 1       |
| acres, 2002   | 2,669 | 977       | 3,679 | 1,261 | 3,976   | 717     | (D)     |
| 1997  | 2,650 | 1,266     | 3,243 | 1,605 | 3,947   | (D)     | (D)     |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 7     | 2         | 8     | 11    | 21      | 10      | -       |
| 1997  | 10    | 6         | 22    | 14    | 23      | 5       | -       |
| acres, 2002   | 347   | (D)       | 288   | 187   | 1,250   | 195     | -       |
| 1997  | 522   | 536       | 738   | 525   | 881     | 74      | -       |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 11    | 2         | 7     | 6     | 17      | 3       | -       |
| 1997  | 5     | -         | 13    | 7     | 14      | 4       | 1       |
| acres, 2002   | 1,066 | (D)       | 56    | 281   | 167     | 38      | -       |
| 1997  | 452   | -         | 137   | 173   | 252     | 215     | (D)     |
| Irrigated land ..... acres, 2002                              | 397   | 130       | 1,702 | 437   | 1,345   | 142     | (D)     |
| 1997  | 918   | 379       | 1,069 | 363   | 812     | 34      | (D)     |
| Harvested cropland ..... farms, 2002                          | 23    | 7         | 31    | 24    | 62      | 13      | 2       |
| 1997  | 17    | 12        | 41    | 26    | 50      | 9       | 1       |
| acres, 2002   | (D)   | 130       | 1,702 | (D)   | 1,337   | 142     | (D)     |
| 1997  | 918   | 379       | 1,065 | 363   | (D)     | (D)     | (D)     |
| Pastureland and other land ..... farms, 2002                  | 2     | -         | -     | 1     | 4       | -       | 1       |
| 1997  | -     | -         | 4     | -     | 6       | 2       | -       |
| acres, 2002   | (D)   | -         | -     | (D)   | 8       | -       | (D)     |
| 1997  | -     | -         | 4     | -     | (D)     | (D)     | -       |
| 2002 irrigated acres by size of farm:                         |       |           |       |       |         |         |         |
| 1 to 9 acres ..... farms                                      | 5     | 1         | 2     | 1     | 14      | -       | 2       |
| acres irrigated   | 11    | (D)       | (D)   | (D)   | 31      | -       | (D)     |
| 10 to 49 acres ..... farms                                    | 5     | -         | 12    | 10    | 28      | 7       | -       |
| acres irrigated   | 38    | -         | (D)   | 16    | 150     | 11      | -       |
| 50 to 69 acres ..... farms                                    | 1     | 1         | -     | 2     | 4       | -       | -       |
| acres irrigated   | (D)   | (D)       | -     | (D)   | 31      | -       | -       |
| 70 to 99 acres ..... farms                                    | 1     | -         | 3     | 2     | 6       | 1       | -       |
| acres irrigated   | (D)   | -         | 38    | (D)   | 63      | (D)     | -       |
| 100 to 139 acres ..... farms                                  | -     | 3         | 3     | 3     | 3       | 1       | -       |
| acres irrigated   | -     | (D)       | 12    | (D)   | (D)     | (D)     | -       |
| 140 to 179 acres ..... farms                                  | 4     | -         | -     | 1     | 3       | 2       | -       |
| acres irrigated   | 10    | -         | -     | (D)   | (D)     | (D)     | -       |
| 180 to 219 acres ..... farms                                  | -     | -         | 1     | 1     | 3       | -       | -       |
| acres irrigated   | -     | -         | (D)   | (D)   | 81      | -       | -       |
| 220 to 259 acres ..... farms                                  | 1     | -         | 3     | 1     | 1       | -       | -       |
| acres irrigated   | (D)   | -         | 290   | (D)   | (D)     | -       | -       |
| 260 to 499 acres ..... farms                                  | 1     | 1         | 3     | 2     | -       | 2       | -       |
| acres irrigated   | (D)   | (D)       | (D)   | (D)   | -       | (D)     | -       |
| 500 to 999 acres ..... farms                                  | 3     | -         | 4     | 1     | 3       | -       | -       |
| acres irrigated   | (D)   | -         | 882   | (D)   | 832     | -       | -       |
| 1,000 to 1,999 acres ..... farms                              | 2     | 1         | -     | -     | 1       | -       | -       |
| acres irrigated   | (D)   | (D)       | -     | (D)   | -       | -       | -       |
| 2,000 acres or more ..... farms                               | -     | -         | -     | -     | -       | -       | -       |
| acres irrigated   | -     | -         | -     | -     | -       | -       | -       |
| 1997 irrigated acres by size of farm:                         |       |           |       |       |         |         |         |
| 1 to 9 acres ..... farms                                      | 4     | -         | 11    | 2     | 11      | -       | -       |
| acres irrigated   | 14    | -         | 17    | (D)   | 20      | -       | -       |
| 10 to 49 acres ..... farms                                    | 4     | 1         | 16    | 5     | 22      | 5       | -       |
| acres irrigated   | 36    | (D)       | 58    | 7     | 103     | 9       | -       |
| 50 to 69 acres ..... farms                                    | -     | 3         | 2     | 3     | 5       | 1       | 1       |
| acres irrigated   | -     | (D)       | (D)   | (D)   | 59      | (D)     | (D)     |
| 70 to 99 acres ..... farms                                    | 1     | -         | 4     | 8     | 8       | 2       | -       |
| acres irrigated   | (D)   | -         | (D)   | 47    | 31      | (D)     | -       |
| 100 to 139 acres ..... farms                                  | -     | -         | 3     | 1     | 1       | (D)     | -       |
| acres irrigated   | -     | -         | (D)   | (D)   | (D)     | -       | -       |
| 140 to 179 acres ..... farms                                  | 1     | 1         | -     | 1     | 2       | -       | -       |
| acres irrigated   | (D)   | (D)       | -     | (D)   | (D)     | -       | -       |
| 180 to 219 acres ..... farms                                  | -     | -         | -     | -     | 1       | -       | -       |
| acres irrigated   | -     | -         | -     | -     | (D)     | -       | -       |
| 220 to 259 acres ..... farms                                  | 1     | -         | 2     | 1     | -       | -       | -       |
| acres irrigated   | (D)   | -         | (D)   | (D)   | -       | -       | -       |
| 260 to 499 acres ..... farms                                  | -     | 5         | 1     | 3     | 1       | (D)     | -       |
| acres irrigated   | -     | 184       | (D)   | 57    | (D)     | -       | -       |
| 500 to 999 acres ..... farms                                  | 4     | 1         | 2     | 1     | 2       | -       | -       |
| acres irrigated   | 637   | (D)       | (D)   | (D)   | (D)     | -       | -       |
| 1,000 to 1,999 acres ..... farms                              | 2     | 1         | 2     | 1     | -       | -       | -       |
| acres irrigated   | (D)   | (D)       | (D)   | (D)   | -       | -       | -       |
| 2,000 acres or more ..... farms                               | -     | -         | -     | -     | 1       | -       | -       |
| acres irrigated   | -     | -         | -     | -     | (D)     | -       | -       |

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand<br>Traverse | Gratiot | Hillsdale | Houghton | Huron  | Ingham | Ionia  | Iosco |
|---|-------------------|---------|-----------|----------|--------|--------|--------|-------|
| Farms ..... number, 2002                                      | 91                | 59      | 37        | 15       | 29     | 61     | 50     | 7     |
| 1997  | 72                | 30      | 34        | 19       | 30     | 36     | 37     | 12    |
| Land in irrigated farms ..... acres, 2002                     | 11,040            | 37,270  | 27,694    | 1,427    | 24,799 | 15,085 | 19,457 | 256   |
| 1997  | 13,507            | 11,569  | 23,938    | 1,334    | 14,658 | 9,381  | 12,241 | 1,438 |
| Harvested cropland ..... farms, 2002                          | 90                | 53      | 37        | 15       | 29     | 61     | 50     | 7     |
| 1997  | 72                | 30      | 32        | 19       | 30     | 36     | 33     | 12    |
| acres, 2002   | 6,716             | 34,607  | 22,770    | 712      | 23,000 | 11,027 | 16,658 | 118   |
| 1997  | 7,185             | 9,530   | 19,260    | 266      | 13,200 | 5,615  | 10,257 | 979   |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 44                | 21      | 12        | 10       | 7      | 21     | 12     | 2     |
| 1997  | 39                | 7       | 18        | 15       | 7      | 17     | 16     | 6     |
| acres, 2002   | 1,183             | 1,015   | 724       | 252      | 409    | 1,269  | 495    | (D)   |
| 1997  | 1,386             | 1,063   | 911       | 201      | 227    | 981    | 495    | 106   |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 19                | 14      | 14        | 7        | 13     | 13     | 13     | 2     |
| 1997  | 10                | 3       | 12        | 4        | 5      | 8      | 6      | -     |
| acres, 2002   | 666               | 219     | 741       | (D)      | 290    | 611    | (D)    | -     |
| 1997  | 823               | (D)     | 847       | 33       | (D)    | 309    | 116    | -     |
| Irrigated land ..... acres, 2002                              | 1,886             | 5,087   | 4,089     | 105      | 1,651  | 1,682  | 3,245  | (D)   |
| 1997  | 2,072             | 2,024   | 4,434     | 79       | 2,318  | 2,378  | 2,173  | 815   |
| Harvested cropland ..... farms, 2002                          | 88                | 53      | 37        | 15       | 29     | 59     | 47     | 7     |
| 1997  | 72                | 30      | 32        | 19       | 30     | 36     | 31     | 12    |
| acres, 2002   | 1,881             | 5,045   | (D)       | 105      | 1,651  | (D)    | 3,215  | 31    |
| 1997  | 2,072             | (D)     | (D)       | 79       | (D)    | (D)    | 2,150  | 815   |
| Pastureland and other land ..... farms, 2002                  | 3                 | 9       | 1         | -        | -      | 2      | 3      | 1     |
| 1997  | -                 | 1       | 3         | -        | 1      | 1      | 7      | -     |
| acres, 2002   | 5                 | 42      | (D)       | -        | -      | (D)    | 30     | (D)   |
| 1997  | -                 | (D)     | (D)       | -        | (D)    | (D)    | 23     | -     |
| 2002 irrigated acres by size of farm:                         |                   |         |           |          |        |        |        |       |
| 1 to 9 acres ..... farms                                      | 13                | 1       | 1         | 4        | 1      | 13     | 9      | 2     |
| acres irrigated   | (D)               | (D)     | (D)       | 5        | (D)    | 18     | 11     | (D)   |
| 10 to 49 acres ..... farms                                    | 33                | 17      | 6         | 4        | 10     | 24     | 11     | 4     |
| acres irrigated   | 184               | (D)     | 30        | (D)      | 47     | 56     | 77     | 5     |
| 50 to 69 acres ..... farms                                    | 7                 | 6       | 1         | -        | -      | (D)    | (D)    | -     |
| acres irrigated   | 101               | 141     | (D)       | -        | -      | (D)    | (D)    | -     |
| 70 to 99 acres ..... farms                                    | 13                | 7       | 1         | 3        | -      | 1      | 3      | -     |
| acres irrigated   | 310               | 189     | (D)       | 10       | -      | (D)    | 4      | -     |
| 100 to 139 acres ..... farms                                  | 6                 | 1       | 1         | 1        | 2      | -      | 3      | -     |
| acres irrigated   | 158               | (D)     | (D)       | (D)      | (D)    | -      | 100    | -     |
| 140 to 179 acres ..... farms                                  | 3                 | 3       | 5         | 1        | -      | 4      | 3      | 1     |
| acres irrigated   | (D)               | 102     | 220       | (D)      | -      | 131    | (D)    | (D)   |
| 180 to 219 acres ..... farms                                  | 3                 | -       | 2         | -        | 1      | 2      | 5      | -     |
| acres irrigated   | 167               | -       | (D)       | -        | (D)    | (D)    | 260    | -     |
| 220 to 259 acres ..... farms                                  | 3                 | -       | 1         | 1        | -      | 3      | 1      | -     |
| acres irrigated   | 197               | -       | (D)       | (D)      | -      | 6      | (D)    | -     |
| 260 to 499 acres ..... farms                                  | 6                 | 6       | 4         | -        | 4      | 8      | 3      | -     |
| acres irrigated   | 300               | 640     | 191       | -        | (D)    | 409    | 228    | -     |
| 500 to 999 acres ..... farms                                  | 3                 | 6       | 4         | 1        | 4      | -      | 6      | -     |
| acres irrigated   | 260               | 856     | 514       | (D)      | 261    | -      | 1,091  | -     |
| 1,000 to 1,999 acres ..... farms                              | -                 | 5       | 5         | -        | 545    | (D)    | (D)    | -     |
| acres irrigated   | -                 | 985     | 1,677     | -        | (D)    | -      | -      | -     |
| 2,000 acres or more ..... farms                               | 1                 | 7       | 6         | -        | 705    | (D)    | 2      | -     |
| acres irrigated   | (D)               | 2,022   | 1,090     | -        | (D)    | (D)    | (D)    | -     |
| 1997 irrigated acres by size of farm:                         |                   |         |           |          |        |        |        |       |
| 1 to 9 acres ..... farms                                      | 6                 | 8       | -         | -        | 1      | 5      | 4      | 1     |
| acres irrigated   | 13                | 16      | -         | -        | (D)    | 6      | 4      | (D)   |
| 10 to 49 acres ..... farms                                    | 24                | 6       | 8         | 6        | 7      | 12     | 11     | 5     |
| acres irrigated   | 172               | 32      | 39        | 25       | 117    | 63     | 38     | 25    |
| 50 to 69 acres ..... farms                                    | 3                 | 3       | -         | 4        | -      | 2      | 6      | -     |
| acres irrigated   | (D)               | (D)     | -         | 22       | -      | (D)    | 22     | -     |
| 70 to 99 acres ..... farms                                    | 10                | 1       | 4         | 5        | 4      | 5      | 1      | -     |
| acres irrigated   | 231               | (D)     | 6         | (D)      | (D)    | 22     | (D)    | -     |
| 100 to 139 acres ..... farms                                  | 6                 | -       | -         | 3        | 3      | 1      | 2      | 2     |
| acres irrigated   | 119               | -       | -         | 13       | 159    | (D)    | (D)    | (D)   |
| 140 to 179 acres ..... farms                                  | -                 | 1       | 3         | 1        | 1      | 1      | 1      | 2     |
| acres irrigated   | -                 | (D)     | (D)       | (D)      | (D)    | (D)    | (D)    | (D)   |
| 180 to 219 acres ..... farms                                  | 5                 | -       | 1         | -        | -      | -      | 3      | 1     |
| acres irrigated   | 146               | -       | (D)       | -        | -      | -      | (D)    | (D)   |
| 220 to 259 acres ..... farms                                  | 1                 | -       | 1         | -        | 1      | 2      | -      | -     |
| acres irrigated   | (D)               | -       | (D)       | -        | (D)    | (D)    | -      | -     |
| 260 to 499 acres ..... farms                                  | 11                | 3       | 3         | -        | 2      | 3      | 3      | -     |
| acres irrigated   | 702               | 323     | 118       | -        | (D)    | 356    | 159    | -     |
| 500 to 999 acres ..... farms                                  | 4                 | 6       | 3         | 7        | 2      | 2      | 1      | -     |
| acres irrigated   | 276               | 1,200   | 720       | -        | 1,063  | (D)    | (D)    | (D)   |
| 1,000 to 1,999 acres ..... farms                              | 1                 | 1       | 8         | -        | 3      | 2      | 2      | -     |
| acres irrigated   | (D)               | (D)     | 2,485     | -        | 602    | (D)    | (D)    | -     |
| 2,000 acres or more ..... farms                               | 1                 | 1       | 3         | -        | 1      | 1      | 2      | -     |
| acres irrigated   | (D)               | (D)     | 765       | -        | (D)    | (D)    | (D)    | -     |

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron  | Isabella | Jackson | Kalamazoo | Kalkaska | Kent   | Keweenaw | Lake |
|---|-------|----------|---------|-----------|----------|--------|----------|------|
| Farms ..... number, 2002                                      | 11    | 35       | 74      | 177       | 10       | 144    | -        | 4    |
| 1997  | 10    | 26       | 63      | 163       | 13       | 140    | -        | 5    |
| Land in irrigated farms ..... acres, 2002                     | 8,676 | 14,242   | 24,443  | 83,916    | 5,103    | 31,099 | -        | 11   |
| 1997  | 5,025 | 10,290   | 20,392  | 58,282    | 4,724    | 26,942 | -        | 58   |
| Harvested cropland ..... farms, 2002                          | 11    | 34       | 69      | 173       | 10       | 134    | -        | 4    |
| 1997  | 10    | 26       | 63      | 163       | 13       | 140    | -        | 3    |
| acres, 2002   | 1,835 | 11,558   | 19,345  | 70,105    | 2,549    | 24,151 | -        | 7    |
| 1997  | 1,424 | 7,856    | 14,359  | 48,357    | 3,180    | 20,002 | -        | 13   |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 10    | 9        | 30      | 45        | 6        | 45     | -        | 2    |
| 1997  | 6     | 14       | 27      | 39        | 5        | 56     | -        | -    |
| acres, 2002   | 3,246 | 600      | 809     | 2,396     | 1,163    | 1,543  | -        | (D)  |
| 1997  | 845   | 478      | 662     | 1,315     | (D)      | 1,794  | -        | -    |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 1     | 12       | 31      | 35        | 4        | 39     | -        | -    |
| 1997  | 4     | 7        | 21      | 32        | 8        | 20     | -        | 2    |
| acres, 2002   | (D)   | 351      | 632     | 1,731     | 117      | 642    | -        | -    |
| 1997  | 311   | 411      | 1,695   | 1,362     | 327      | 278    | -        | (D)  |
| Irrigated land ..... acres, 2002                              | 804   | 3,789    | 4,575   | 29,615    | 2,053    | 8,602  | -        | 7    |
| 1997  | 528   | 1,268    | 3,500   | 19,290    | 3,660    | 6,236  | -        | 23   |
| Harvested cropland ..... farms, 2002                          | 11    | 34       | 67      | 170       | 10       | 130    | -        | 4    |
| 1997  | 9     | 24       | 61      | 159       | 13       | 137    | -        | 3    |
| acres, 2002   | 804   | (D)      | 4,487   | 29,443    | 2,053    | 8,449  | -        | 7    |
| 1997  | (D)   | 1,254    | (D)     | 19,091    | (D)      | (D)    | -        | (D)  |
| Pastureland and other land ..... farms, 2002                  | -     | 1        | 8       | 10        | -        | 17     | -        | -    |
| 1997  | 1     | 3        | 5       | 8         | 2        | 5      | -        | 2    |
| acres, 2002   | (D)   | (D)      | 88      | 172       | -        | 153    | -        | -    |
| 1997  | (D)   | 14       | (D)     | 199       | (D)      | (D)    | -        | (D)  |
| 2002 irrigated acres by size of farm:                         |       |          |         |           |          |        |          |      |
| 1 to 9 acres ..... farms                                      | -     | 5        | 15      | 34        | -        | 34     | -        | 4    |
| acres irrigated   | -     | 17       | 22      | 93        | -        | (D)    | -        | 7    |
| 10 to 49 acres ..... farms                                    | -     | 5        | 25      | 47        | 1        | 49     | -        | -    |
| acres irrigated   | -     | 38       | 169     | 303       | (D)      | 218    | -        | -    |
| 50 to 69 acres ..... farms                                    | -     | 1        | 4       | 7         | -        | 12     | -        | -    |
| acres irrigated   | -     | (D)      | 9       | 154       | -        | 197    | -        | -    |
| 70 to 99 acres ..... farms                                    | -     | 1        | 1       | 4         | 2        | 12     | -        | -    |
| acres irrigated   | -     | (D)      | (D)     | (D)       | (D)      | 431    | -        | -    |
| 100 to 139 acres ..... farms                                  | -     | 2        | 9       | 5         | 1        | 7      | -        | -    |
| acres irrigated   | -     | (D)      | 135     | 104       | (D)      | 128    | -        | -    |
| 140 to 179 acres ..... farms                                  | 3     | 3        | 1       | 1         | -        | 4      | -        | -    |
| acres irrigated   | (D)   | (D)      | (D)     | (D)       | -        | 175    | -        | -    |
| 180 to 219 acres ..... farms                                  | -     | 2        | 2       | 3         | -        | 1      | -        | -    |
| acres irrigated   | -     | (D)      | (D)     | 57        | -        | (D)    | -        | -    |
| 220 to 259 acres ..... farms                                  | 1     | 2        | 3       | 5         | 2        | 4      | -        | -    |
| acres irrigated   | (D)   | (D)      | 330     | 200       | (D)      | 221    | -        | -    |
| 260 to 499 acres ..... farms                                  | 4     | 7        | 7       | 13        | -        | 9      | -        | -    |
| acres irrigated   | 318   | 1,497    | 506     | 2,077     | -        | 831    | -        | -    |
| 500 to 999 acres ..... farms                                  | -     | 4        | 2       | 25        | 1        | 4      | -        | -    |
| acres irrigated   | -     | (D)      | (D)     | 5,609     | (D)      | 1,300  | -        | -    |
| 1,000 to 1,999 acres ..... farms                              | -     | 2        | 1       | 25        | 3        | 3      | -        | -    |
| acres irrigated   | -     | (D)      | (D)     | 12,264    | 1,962    | 1,851  | -        | -    |
| 2,000 acres or more ..... farms                               | 3     | 1        | 4       | 8         | -        | 5      | -        | -    |
| acres irrigated   | 450   | (D)      | 2,539   | 8,507     | -        | 3,046  | -        | -    |
| 1997 irrigated acres by size of farm:                         |       |          |         |           |          |        |          |      |
| 1 to 9 acres ..... farms                                      | -     | 2        | 12      | 39        | 2        | 34     | -        | 1    |
| acres irrigated   | -     | (D)      | 23      | 77        | (D)      | 75     | -        | (D)  |
| 10 to 49 acres ..... farms                                    | -     | 9        | 21      | 42        | 4        | 41     | -        | 4    |
| acres irrigated   | -     | 73       | 182     | 322       | 18       | 211    | -        | (D)  |
| 50 to 69 acres ..... farms                                    | -     | -        | 3       | 4         | 1        | 9      | -        | -    |
| acres irrigated   | -     | (D)      | 33      | (D)       | (D)      | 163    | -        | -    |
| 70 to 99 acres ..... farms                                    | 4     | 3        | 4       | 4         | -        | 12     | -        | -    |
| acres irrigated   | (D)   | 8        | (D)     | (D)       | -        | 129    | -        | -    |
| 100 to 139 acres ..... farms                                  | 1     | -        | 5       | 5         | -        | 7      | -        | -    |
| acres irrigated   | (D)   | -        | (D)     | 147       | -        | 412    | -        | -    |
| 140 to 179 acres ..... farms                                  | -     | -        | 3       | 8         | 1        | 2      | -        | -    |
| acres irrigated   | -     | -        | 61      | 396       | (D)      | (D)    | -        | -    |
| 180 to 219 acres ..... farms                                  | -     | 1        | -       | 3         | -        | 4      | -        | -    |
| acres irrigated   | -     | (D)      | -       | (D)       | -        | 131    | -        | -    |
| 220 to 259 acres ..... farms                                  | -     | 1        | 1       | -         | 1        | 9      | -        | -    |
| acres irrigated   | -     | (D)      | (D)     | -         | (D)      | 507    | -        | -    |
| 260 to 499 acres ..... farms                                  | 3     | 4        | 4       | 15        | -        | 9      | -        | -    |
| acres irrigated   | 127   | 397      | 452     | 2,496     | -        | 544    | -        | -    |
| 500 to 999 acres ..... farms                                  | -     | 2        | 6       | 23        | 1        | 4      | -        | -    |
| acres irrigated   | -     | (D)      | 569     | 6,811     | (D)      | 1,765  | -        | -    |
| 1,000 to 1,999 acres ..... farms                              | 2     | 3        | 1       | 17        | 3        | 7      | -        | -    |
| acres irrigated   | (D)   | 476      | (D)     | 7,409     | 3,038    | 1,242  | -        | -    |
| 2,000 acres or more ..... farms                               | -     | 1        | 3       | 3         | -        | (D)    | -        | -    |
| acres irrigated   | -     | (D)      | 1,356   | 1,279     | -        | -      | -        | -    |

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer | Leelanau | Lenawee | Livingston | Luce  | Mackinac | Macomb | Manistee |
|---|--------|----------|---------|------------|-------|----------|--------|----------|
| Farms ..... number, 2002                                      | 85     | 91       | 66      | 63         | 4     | 2        | 88     | 31       |
| 1997  | 64     | 86       | 54      | 53         | 8     | 4        | 100    | 40       |
| Land in irrigated farms ..... acres, 2002                     | 11,163 | 11,619   | 35,299  | 5,517      | 835   | (D)      | 9,806  | 7,241    |
| 1997  | 9,181  | 17,655   | 29,168  | 4,394      | 1,316 | (D)      | 7,523  | 9,530    |
| Harvested cropland ..... farms, 2002                          | 78     | 87       | 65      | 63         | 4     | 2        | 86     | 31       |
| 1997  | 63     | 85       | 54      | 53         | 8     | 4        | 100    | 40       |
| acres, 2002   | 8,179  | 6,272    | 31,796  | 3,158      | (D)   | (D)      | 6,861  | 4,192    |
| 1997  | 6,201  | 8,112    | 27,414  | 2,635      | (D)   | (D)      | 4,437  | 5,895    |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 27     | 39       | 35      | 21         | 1     | -        | 28     | 16       |
| 1997  | 29     | 39       | 16      | 21         | 3     | 1        | 36     | 24       |
| acres, 2002   | 526    | 1,035    | 617     | 140        | (D)   | -        | 698    | 913      |
| 1997  | 994    | 1,832    | 317     | 453        | 74    | (D)      | 1,309  | 1,416    |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 24     | 16       | 12      | 20         | -     | -        | 8      | 4        |
| 1997  | 19     | 14       | 6       | 10         | 1     | 1        | 14     | 7        |
| acres, 2002   | 310    | 246      | 601     | 216        | -     | -        | 120    | (D)      |
| 1997  | 262    | 778      | 247     | 256        | (D)   | (D)      | 264    | 109      |
| Irrigated land ..... acres, 2002                              | 1,869  | 1,720    | 3,807   | 1,382      | (D)   | (D)      | 2,917  | 1,710    |
| 1997  | 2,468  | 2,692    | 2,793   | 1,577      | (D)   | (D)      | 2,023  | 3,056    |
| Harvested cropland ..... farms, 2002                          | 75     | 83       | 63      | 57         | 4     | 2        | 84     | 31       |
| 1997  | 63     | 84       | 54      | 53         | 8     | 4        | 100    | 38       |
| acres, 2002   | 1,828  | 1,677    | 3,793   | 1,330      | (D)   | (D)      | 2,903  | 1,710    |
| 1997  | 2,453  | (D)      | 2,793   | 1,527      | (D)   | (D)      | (D)    | (D)      |
| Pastureland and other land ..... farms, 2002                  | 10     | 11       | 5       | 6          | -     | -        | 5      | -        |
| 1997  | 4      | 3        | -       | 4          | -     | -        | 2      | 2        |
| acres, 2002   | 41     | 43       | 14      | 52         | -     | -        | 14     | -        |
| 1997  | 15     | (D)      | -       | 50         | -     | -        | (D)    | (D)      |
| 2002 irrigated acres by size of farm:                         |        |          |         |            |       |          |        |          |
| 1 to 9 acres ..... farms                                      | 11     | 10       | 10      | 6          | 1     | 1        | 21     | 3        |
| acres irrigated   | 23     | 12       | 15      | 8          | (D)   | (D)      | 24     | 3        |
| 10 to 49 acres ..... farms                                    | 37     | 38       | 24      | 31         | -     | -        | 31     | 7        |
| acres irrigated   | 177    | 189      | 98      | 114        | -     | -        | 91     | 30       |
| 50 to 69 acres ..... farms                                    | 6      | 12       | 2       | 4          | -     | -        | 6      | 1        |
| acres irrigated   | 79     | 40       | (D)     | 9          | -     | -        | 106    | (D)      |
| 70 to 99 acres ..... farms                                    | 9      | 4        | 3       | 9          | 1     | -        | 4      | 2        |
| acres irrigated   | 124    | 36       | 5       | 110        | (D)   | -        | 14     | (D)      |
| 100 to 139 acres ..... farms                                  | 5      | 3        | 3       | 3          | -     | -        | 3      | 3        |
| acres irrigated   | 178    | 121      | (D)     | 231        | -     | -        | (D)    | 177      |
| 140 to 179 acres ..... farms                                  | 1      | 8        | 1       | 3          | -     | -        | 5      | 2        |
| acres irrigated   | (D)    | 269      | (D)     | (D)        | -     | -        | 398    | (D)      |
| 180 to 219 acres ..... farms                                  | 3      | 5        | 2       | 1          | -     | -        | 2      | 3        |
| acres irrigated   | 3      | 162      | (D)     | (D)        | -     | -        | (D)    | 113      |
| 220 to 259 acres ..... farms                                  | -      | 3        | -       | 1          | -     | -        | 2      | -        |
| acres irrigated   | -      | (D)      | -       | (D)        | -     | -        | (D)    | -        |
| 260 to 499 acres ..... farms                                  | 4      | 4        | 1       | 4          | 2     | 1        | 10     | 3        |
| acres irrigated   | (D)    | 159      | (D)     | 9          | (D)   | (D)      | 915    | (D)      |
| 500 to 999 acres ..... farms                                  | 7      | 2        | 6       | -          | -     | -        | 4      | 7        |
| acres irrigated   | 817    | (D)      | 643     | -          | -     | -        | -      | 1,186    |
| 1,000 to 1,999 acres ..... farms                              | 2      | 1        | 10      | 1          | -     | -        | -      | -        |
| acres irrigated   | (D)    | (D)      | 1,475   | (D)        | -     | -        | -      | -        |
| 2,000 acres or more ..... farms                               | -      | 1        | 4       | -          | -     | -        | -      | -        |
| acres irrigated   | -      | (D)      | 1,130   | -          | -     | -        | -      | -        |
| 1997 irrigated acres by size of farm:                         |        |          |         |            |       |          |        |          |
| 1 to 9 acres ..... farms                                      | 8      | 6        | 6       | 11         | 1     | 2        | 35     | 6        |
| acres irrigated   | (D)    | 6        | 6       | (D)        | (D)   | (D)      | 64     | 6        |
| 10 to 49 acres ..... farms                                    | 24     | 25       | 16      | 23         | 2     | 1        | 28     | 7        |
| acres irrigated   | 70     | 194      | 111     | 146        | (D)   | (D)      | 108    | 22       |
| 50 to 69 acres ..... farms                                    | 6      | 4        | 3       | 1          | -     | -        | 8      | 1        |
| acres irrigated   | 103    | (D)      | 9       | (D)        | -     | -        | 25     | (D)      |
| 70 to 99 acres ..... farms                                    | 4      | 9        | 2       | 8          | -     | 1        | 8      | 3        |
| acres irrigated   | 13     | 202      | (D)     | 187        | -     | (D)      | 137    | 99       |
| 100 to 139 acres ..... farms                                  | 9      | 11       | 2       | 5          | 3     | -        | 4      | 5        |
| acres irrigated   | 509    | 353      | (D)     | 57         | 4     | -        | 202    | 167      |
| 140 to 179 acres ..... farms                                  | 3      | 3        | 1       | 2          | -     | -        | 2      | 2        |
| acres irrigated   | 74     | 21       | (D)     | (D)        | -     | -        | (D)    | (D)      |
| 180 to 219 acres ..... farms                                  | -      | 6        | 4       | -          | -     | -        | 3      | 3        |
| acres irrigated   | -      | 86       | 400     | -          | -     | -        | (D)    | (D)      |
| 220 to 259 acres ..... farms                                  | -      | 5        | 2       | -          | -     | -        | 3      | -        |
| acres irrigated   | -      | 245      | (D)     | -          | -     | -        | (D)    | -        |
| 260 to 499 acres ..... farms                                  | 5      | 10       | 5       | 2          | 2     | -        | 6      | 7        |
| acres irrigated   | 1,146  | 538      | 562     | (D)        | (D)   | -        | 719    | 725      |
| 500 to 999 acres ..... farms                                  | 4      | 5        | 2       | -          | -     | -        | 3      | 5        |
| acres irrigated   | 439    | 648      | (D)     | -          | -     | -        | 643    | 1,703    |
| 1,000 to 1,999 acres ..... farms                              | 1      | 1        | 8       | 1          | -     | -        | -      | 1        |
| acres irrigated   | (D)    | (D)      | 203     | (D)        | -     | -        | -      | (D)      |
| 2,000 acres or more ..... farms                               | -      | 1        | 3       | -          | -     | -        | -      | -        |
| acres irrigated   | -      | (D)      | 1,137   | -          | -     | -        | -      | -        |

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Marquette | Mason  | Mecosta | Menominee | Midland | Missaukee | Monroe | Montcalm |
|---|-----------|--------|---------|-----------|---------|-----------|--------|----------|
| Farms ..... number, 2002                                      | 9         | 42     | 36      | 9         | 27      | 28        | 108    | 119      |
| 1997  | 5         | 58     | 41      | 6         | 17      | 22        | 84     | 113      |
| Land in irrigated farms ..... acres, 2002                     | 1,566     | 16,241 | 14,728  | 1,738     | 6,425   | 22,037    | 30,282 | 103,444  |
| 1997  | 397       | 19,204 | 17,789  | 818       | 5,163   | 13,877    | 20,868 | 97,722   |
| Harvested cropland ..... farms, 2002                          | 9         | 42     | 36      | 9         | 26      | 28        | 102    | 119      |
| 1997  | 5         | 56     | 40      | 6         | 17      | 22        | 80     | 113      |
| acres, 2002   | (D)       | 11,841 | 11,632  | 820       | 5,371   | 16,611    | 27,308 | 89,376   |
| 1997  | 78        | 12,962 | 13,225  | 480       | 4,500   | 10,563    | 17,611 | 83,754   |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 1         | 24     | 13      | 3         | 7       | 13        | 29     | 43       |
| 1997  | 2         | 39     | 20      | 1         | 6       | 5         | 26     | 51       |
| acres, 2002   | (D)       | 1,054  | 979     | 209       | 304     | 1,354     | 696    | 2,565    |
| 1997  | (D)       | 1,666  | 1,523   | (D)       | 142     | 264       | 1,791  | 2,200    |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 5         | 5      | 20      | 3         | 6       | 12        | 28     | 35       |
| 1997  | 2         | 14     | 14      | 2         | 1       | 4         | 10     | 27       |
| acres, 2002   | 149       | 136    | 526     | 106       | 70      | 594       | 486    | 1,122    |
| 1997  | (D)       | 1,243  | 412     | (D)       | (D)     | 751       | 77     | 1,318    |
| Irrigated land ..... acres, 2002                              | 195       | 2,334  | 5,833   | (D)       | 911     | 3,066     | 6,403  | 46,991   |
| 1997  | 30        | 3,279  | 6,989   | 100       | 552     | 2,396     | 5,205  | 46,392   |
| Harvested cropland ..... farms, 2002                          | 9         | 42     | 36      | 9         | 26      | 27        | 101    | 119      |
| 1997  | 5         | 56     | 40      | 6         | 16      | 21        | 78     | 113      |
| acres, 2002   | (D)       | 2,334  | 5,833   | (D)       | (D)     | (D)       | 6,313  | 46,991   |
| 1997  | 30        | 3,173  | (D)     | 100       | (D)     | (D)       | 5,180  | (D)      |
| Pastureland and other land ..... farms, 2002                  | 3         | -      | -       | -         | 1       | 1         | 7      | -        |
| 1997  | -         | 6      | 2       | 1         | 1       | 1         | 6      | 3        |
| acres, 2002   | (D)       | -      | -       | (D)       | (D)     | (D)       | 90     | -        |
| 1997  | -         | 106    | (D)     | -         | (D)     | (D)       | 25     | (D)      |
| 2002 irrigated acres by size of farm:                         |           |        |         |           |         |           |        |          |
| 1 to 9 acres ..... farms                                      | 1         | 1      | -       | 2         | 8       | 1         | 14     | 5        |
| acres irrigated   | (D)       | (D)    | -       | (D)       | 11      | (D)       | 23     | 5        |
| 10 to 49 acres ..... farms                                    | 5         | 6      | 8       | 2         | 4       | 2         | 39     | 16       |
| acres irrigated   | (D)       | 28     | 23      | (D)       | 8       | (D)       | 240    | 86       |
| 50 to 69 acres ..... farms                                    | -         | 4      | 5       | -         | 2       | -         | 7      | 6        |
| acres irrigated   | -         | 27     | 9       | -         | (D)     | -         | 42     | 124      |
| 70 to 99 acres ..... farms                                    | 1         | 4      | 8       | 4         | 4       | 2         | 6      | 9        |
| acres irrigated   | (D)       | 67     | 47      | -         | 91      | (D)       | 82     | (D)      |
| 100 to 139 acres ..... farms                                  | 1         | 8      | 1       | -         | 2       | -         | 12     | 8        |
| acres irrigated   | (D)       | 65     | (D)     | -         | (D)     | -         | 270    | 217      |
| 140 to 179 acres ..... farms                                  | -         | 3      | 1       | -         | 1       | 3         | 1      | 2        |
| acres irrigated   | -         | (D)    | (D)     | -         | (D)     | (D)       | (D)    | (D)      |
| 180 to 219 acres ..... farms                                  | -         | -      | -       | 2         | -       | -         | 5      | 3        |
| acres irrigated   | -         | -      | -       | (D)       | -       | -         | (D)    | 82       |
| 220 to 259 acres ..... farms                                  | -         | -      | 2       | 2         | -       | -         | 2      | 5        |
| acres irrigated   | -         | -      | (D)     | (D)       | -       | -         | (D)    | 559      |
| 260 to 499 acres ..... farms                                  | -         | 6      | 5       | -         | 2       | 5         | 8      | 10       |
| acres irrigated   | -         | 418    | 261     | -         | (D)     | 194       | 591    | 878      |
| 500 to 999 acres ..... farms                                  | -         | 3      | 2       | 1         | 3       | 7         | 4      | 20       |
| acres irrigated   | -         | 290    | (D)     | (D)       | 355     | 1,000     | (D)    | 5,955    |
| 1,000 to 1,999 acres ..... farms                              | 1         | 5      | 2       | -         | -       | 7         | 4      | 20       |
| acres irrigated   | (D)       | 790    | (D)     | -         | -       | 1,673     | 972    | 9,510    |
| 2,000 acres or more ..... farms                               | -         | 2      | 2       | -         | 1       | -         | 1      | 15       |
| acres irrigated   | -         | (D)    | (D)     | -         | (D)     | (D)       | 2,686  | 29,343   |
| 1997 irrigated acres by size of farm:                         |           |        |         |           |         |           |        |          |
| 1 to 9 acres ..... farms                                      | -         | 3      | 2       | 1         | 2       | -         | 23     | 4        |
| acres irrigated   | -         | 5      | (D)     | (D)       | (D)     | -         | 51     | 4        |
| 10 to 49 acres ..... farms                                    | 3         | 23     | 3       | 2         | 4       | 1         | 32     | 13       |
| acres irrigated   | (D)       | 142    | 21      | (D)       | (D)     | (D)       | 164    | 46       |
| 50 to 69 acres ..... farms                                    | 1         | 2      | 2       | -         | 1       | 1         | 4      | 4        |
| acres irrigated   | (D)       | (D)    | (D)     | -         | (D)     | (D)       | 37     | 20       |
| 70 to 99 acres ..... farms                                    | -         | 5      | 7       | -         | 3       | 1         | 1      | 6        |
| acres irrigated   | -         | (D)    | 28      | -         | 4       | (D)       | (D)    | 28       |
| 100 to 139 acres ..... farms                                  | -         | 1      | 3       | -         | -       | -         | 3      | 5        |
| acres irrigated   | -         | (D)    | (D)     | -         | -       | -         | (D)    | 191      |
| 140 to 179 acres ..... farms                                  | -         | 1      | 2       | 1         | -       | 1         | 2      | 1        |
| acres irrigated   | -         | (D)    | (D)     | (D)       | -       | (D)       | (D)    | (D)      |
| 180 to 219 acres ..... farms                                  | -         | 1      | 5       | -         | 2       | 1         | 1      | 2        |
| acres irrigated   | -         | (D)    | 16      | -         | (D)     | (D)       | (D)    | (D)      |
| 220 to 259 acres ..... farms                                  | 1         | 1      | 2       | 1         | -       | 1         | 2      | -        |
| acres irrigated   | (D)       | (D)    | (D)     | (D)       | -       | (D)       | (D)    | -        |
| 260 to 499 acres ..... farms                                  | -         | 6      | 3       | 1         | 3       | 2         | 8      | 12       |
| acres irrigated   | -         | 252    | (D)     | (D)       | 208     | (D)       | 668    | 843      |
| 500 to 999 acres ..... farms                                  | -         | 9      | 8       | -         | 1       | 10        | -      | 30       |
| acres irrigated   | -         | 885    | 1,309   | -         | (D)     | 1,180     | -      | 9,715    |
| 1,000 to 1,999 acres ..... farms                              | -         | 5      | 2       | -         | -       | 4         | 6      | 26       |
| acres irrigated   | -         | 1,110  | (D)     | -         | -       | 1,009     | 2,519  | 16,405   |
| 2,000 acres or more ..... farms                               | -         | 1      | 2       | -         | 1       | -         | 2      | 10       |
| acres irrigated   | -         | (D)    | (D)     | -         | (D)     | (D)       | -      | 18,903   |

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency | Muskegon | Newaygo | Oakland | Oceana | Ogemaw | Ontonagon | Osceola |
|---|-------------|----------|---------|---------|--------|--------|-----------|---------|
| Farms ..... number, 2002                                      | 6           | 64       | 65      | 71      | 43     | 16     | 5         | 14      |
| 1997  | 3           | 63       | 57      | 85      | 49     | 7      | -         | 20      |
| Land in irrigated farms ..... acres, 2002                     | 831         | 26,865   | 19,903  | 4,706   | 21,813 | 830    | 753       | 7,432   |
| 1997  | 1,475       | 23,089   | 13,398  | 5,599   | 22,419 | 2,329  | -         | 7,076   |
| Harvested cropland ..... farms, 2002                          | 6           | 63       | 65      | 71      | 43     | 11     | 5         | 14      |
| 1997  | 3           | 60       | 57      | 85      | 49     | 5      | -         | 20      |
| acres, 2002   | 336         | 16,509   | 15,235  | 3,040   | 14,671 | 160    | (D)       | 5,771   |
| 1997  | 1,011       | 13,298   | 8,600   | 3,480   | 13,128 | (D)    | -         | 4,332   |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 3           | 16       | 27      | 19      | 23     | 5      | 1         | 5       |
| 1997  | 2           | 15       | 26      | 30      | 36     | 5      | -         | 10      |
| acres, 2002   | 109         | 840      | 701     | 690     | 1,595  | 79     | (D)       | 102     |
| 1997  | (D)         | 418      | 1,207   | 1,236   | 2,289  | 371    | -         | 372     |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 3           | 9        | 18      | 20      | 14     | 10     | 3         | 6       |
| 1997  | 2           | 10       | 16      | 10      | 12     | 4      | -         | 9       |
| acres, 2002   | 60          | 211      | 529     | 176     | 725    | 164    | 84        | 194     |
| 1997  | (D)         | 425      | 438     | 101     | 395    | 457    | -         | 613     |
| Irrigated land ..... acres, 2002                              | 31          | 7,008    | 6,616   | 695     | 4,195  | 165    | (D)       | 1,764   |
| 1997  | (D)         | 8,056    | 4,597   | 629     | 3,255  | 102    | -         | 1,279   |
| Harvested cropland ..... farms, 2002                          | 6           | 63       | 61      | 71      | 43     | 11     | 5         | 14      |
| 1997  | 3           | 60       | 56      | 85      | 48     | 5      | -         | 20      |
| acres, 2002   | 31          | (D)      | 6,596   | 695     | 4,195  | 25     | (D)       | 1,764   |
| 1997  | (D)         | (D)      | (D)     | (D)     | (D)    | (D)    | (D)       | (D)     |
| Pastureland and other land ..... farms, 2002                  | -           | 3        | 5       | -       | -      | 5      | -         | -       |
| 1997  | -           | 4        | 5       | 2       | 4      | 2      | -         | 1       |
| acres, 2002   | -           | (D)      | 20      | -       | -      | 140    | -         | -       |
| 1997  | -           | (D)      | (D)     | (D)     | (D)    | (D)    | -         | (D)     |
| 2002 irrigated acres by size of farm:                         |             |          |         |         |        |        |           |         |
| 1 to 9 acres ..... farms                                      | -           | 10       | 5       | 26      | 2      | 2      | -         | 2       |
| acres irrigated   | -           | 24       | 7       | 40      | (D)    | (D)    | -         | (D)     |
| 10 to 49 acres ..... farms                                    | -           | 21       | 16      | 33      | 2      | 7      | -         | 1       |
| acres irrigated   | -           | 115      | 78      | 208     | (D)    | 127    | -         | (D)     |
| 50 to 69 acres ..... farms                                    | -           | 4        | 2       | 2       | 5      | 3      | -         | 3       |
| acres irrigated   | -           | 146      | (D)     | (D)     | 38     | 22     | -         | -       |
| 70 to 99 acres ..... farms                                    | 4           | 3        | 3       | 2       | 3      | 1      | -         | 1       |
| acres irrigated   | (D)         | (D)      | 11      | (D)     | 3      | (D)    | -         | (D)     |
| 100 to 139 acres ..... farms                                  | 1           | 5        | 11      | -       | -      | 2      | 1         | 1       |
| acres irrigated   | (D)         | 59       | 134     | -       | -      | (D)    | (D)       | (D)     |
| 140 to 179 acres ..... farms                                  | -           | 2        | 2       | 1       | 1      | 1      | -         | 1       |
| acres irrigated   | -           | (D)      | (D)     | (D)     | (D)    | (D)    | -         | (D)     |
| 180 to 219 acres ..... farms                                  | -           | 3        | 2       | 1       | 3      | -      | -         | -       |
| acres irrigated   | -           | 185      | (D)     | (D)     | (D)    | -      | -         | -       |
| 220 to 259 acres ..... farms                                  | -           | 1        | 1       | 3       | 3      | -      | -         | -       |
| acres irrigated   | -           | (D)      | (D)     | (D)     | 95     | -      | -         | -       |
| 260 to 499 acres ..... farms                                  | 1           | 6        | 11      | 1       | 7      | -      | 1         | 1       |
| acres irrigated   | (D)         | 774      | 973     | (D)     | 512    | -      | (D)       | (D)     |
| 500 to 999 acres ..... farms                                  | -           | 5        | 7       | 1       | 8      | -      | -         | 4       |
| acres irrigated   | -           | 440      | 1,696   | (D)     | 435    | -      | -         | 916     |
| 1,000 to 1,999 acres ..... farms                              | -           | 1        | 5       | 1       | 7      | -      | -         | 3       |
| acres irrigated   | -           | (D)      | 3,370   | (D)     | 1,226  | -      | -         | 816     |
| 2,000 acres or more ..... farms                               | -           | 3        | -       | -       | 2      | -      | -         | -       |
| acres irrigated   | -           | (D)      | -       | -       | (D)    | -      | -         | -       |
| 1997 irrigated acres by size of farm:                         |             |          |         |         |        |        |           |         |
| 1 to 9 acres ..... farms                                      | -           | 17       | 7       | 34      | -      | 2      | -         | -       |
| acres irrigated   | -           | 23       | 11      | 57      | (D)    | -      | -         | -       |
| 10 to 49 acres ..... farms                                    | -           | 20       | 12      | 36      | 5      | -      | -         | 8       |
| acres irrigated   | -           | 189      | 24      | 209     | 32     | -      | -         | 10      |
| 50 to 69 acres ..... farms                                    | -           | 5        | 3       | 5       | 4      | 2      | -         | 1       |
| acres irrigated   | -           | (D)      | 37      | 84      | (D)    | (D)    | -         | (D)     |
| 70 to 99 acres ..... farms                                    | -           | 2        | 6       | 3       | 3      | -      | -         | 2       |
| acres irrigated   | -           | (D)      | 256     | (D)     | (D)    | -      | -         | (D)     |
| 100 to 139 acres ..... farms                                  | -           | 2        | 7       | 2       | 5      | -      | -         | 2       |
| acres irrigated   | -           | (D)      | 67      | (D)     | 57     | -      | -         | (D)     |
| 140 to 179 acres ..... farms                                  | -           | 3        | 1       | 1       | 1      | 2      | -         | -       |
| acres irrigated   | -           | (D)      | (D)     | (D)     | (D)    | (D)    | -         | -       |
| 180 to 219 acres ..... farms                                  | -           | -        | 1       | -       | 6      | -      | -         | -       |
| acres irrigated   | -           | -        | (D)     | -       | 116    | -      | -         | -       |
| 220 to 259 acres ..... farms                                  | -           | 1        | 4       | 1       | -      | -      | -         | -       |
| acres irrigated   | -           | (D)      | 320     | (D)     | -      | -      | -         | -       |
| 260 to 499 acres ..... farms                                  | 2           | 6        | 7       | 1       | 10     | -      | -         | -       |
| acres irrigated   | (D)         | 695      | 1,268   | (D)     | 234    | -      | -         | -       |
| 500 to 999 acres ..... farms                                  | 1           | 3        | 7       | -       | 7      | -      | -         | 5       |
| acres irrigated   | (D)         | 215      | 1,262   | -       | 727    | -      | -         | 1,081   |
| 1,000 to 1,999 acres ..... farms                              | -           | 2        | 2       | 2       | 8      | 1      | -         | 2       |
| acres irrigated   | -           | (D)      | (D)     | (D)     | 2,026  | (D)    | -         | (D)     |
| 2,000 acres or more ..... farms                               | -           | 2        | -       | -       | -      | -      | -         | -       |
| acres irrigated   | -           | (D)      | -       | -       | -      | -      | -         | -       |

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda | Otsego | Ottawa | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
|---|--------|--------|--------|--------------|-----------|---------|-----------|------------|
| Farms ..... number, 2002                                      | 3      | 16     | 319    | 19           | 5         | 52      | 90        | 226        |
| 1997  | 6      | 8      | 359    | 23           | 5         | 47      | 51        | 239        |
| Land in irrigated farms ..... acres, 2002                     | 758    | 3,026  | 42,371 | 9,191        | (D)       | 16,358  | 9,980     | 158,789    |
| 1997  | 679    | 3,108  | 43,514 | 14,105       | 391       | 15,857  | 4,514     | 152,965    |
| Harvested cropland ..... farms, 2002                          | 3      | 16     | 319    | 19           | 5         | 52      | 78        | 223        |
| 1997  | 6      | 8      | 355    | 23           | 5         | 47      | 51        | 238        |
| acres, 2002   | 587    | 1,352  | 29,539 | 5,975        | (D)       | 14,044  | 7,401     | 143,079    |
| 1997  | 167    | 1,848  | 29,218 | 9,657        | 253       | 14,179  | 2,688     | 135,888    |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 1      | 13     | 94     | 9            | -         | 25      | 30        | 48         |
| 1997  | 4      | 4      | 120    | 14           | -         | 13      | 21        | 61         |
| acres, 2002   | (D)    | 938    | 4,237  | 564          | -         | 836     | 448       | 2,397      |
| 1997  | (D)    | 784    | 4,386  | 2,322        | -         | 157     | 605       | 1,649      |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 3      | -      | 43     | 4            | 1         | 4       | 20        | 45         |
| 1997  | 5      | 1      | 51     | 3            | 2         | 4       | 9         | 52         |
| acres, 2002   | 105    | -      | 608    | 382          | (D)       | 53      | 677       | 2,517      |
| 1997  | 119    | (D)    | 1,284  | 381          | (D)       | 21      | 202       | 2,165      |
| Irrigated land ..... acres, 2002                              | 8      | 456    | 13,540 | 1,579        | 5         | 3,205   | 1,050     | 103,980    |
| 1997  | 11     | 723    | 15,302 | 3,216        | 183       | 2,949   | 1,013     | 94,999     |
| Harvested cropland ..... farms, 2002                          | 2      | 16     | 318    | 17           | 5         | 52      | 78        | 223        |
| 1997  | 6      | 8      | 353    | 23           | 5         | 47      | 51        | 238        |
| acres, 2002   | (D)    | 456    | 13,474 | 1,551        | 5         | (D)     | 841       | 103,869    |
| 1997  | 11     | 723    | 15,265 | 3,216        | 183       | 2,949   | (D)       | (D)        |
| Pastureland and other land ..... farms, 2002                  | 1      | -      | 6      | 3            | -         | 1       | 16        | 6          |
| 1997  | -      | -      | 10     | -            | -         | -       | 1         | 1          |
| acres, 2002   | (D)    | -      | 66     | 28           | -         | (D)     | 209       | 111        |
| 1997  | -      | -      | 37     | -            | -         | (D)     | -         | (D)        |
| 2002 irrigated acres by size of farm:                         |        |        |        |              |           |         |           |            |
| 1 to 9 acres ..... farms                                      | -      | -      | 73     | -            | 3         | 15      | 18        | 7          |
| acres irrigated   | -      | -      | 118    | -            | (D)       | 26      | 25        | 13         |
| 10 to 49 acres ..... farms                                    | -      | 9      | 133    | 4            | 1         | 13      | 43        | 15         |
| acres irrigated   | -      | (D)    | 1,036  | 25           | (D)       | 61      | 315       | 153        |
| 50 to 69 acres ..... farms                                    | -      | 2      | 21     | -            | -         | 3       | 7         | 11         |
| acres irrigated   | -      | (D)    | 443    | -            | -         | 19      | 95        | 258        |
| 70 to 99 acres ..... farms                                    | -      | 1      | 17     | -            | 1         | 4       | 6         | 7          |
| acres irrigated   | -      | (D)    | 438    | -            | (D)       | 43      | 111       | 295        |
| 100 to 139 acres ..... farms                                  | -      | -      | 20     | 2            | -         | 3       | 5         | 10         |
| acres irrigated   | -      | -      | 633    | (D)          | -         | 22      | 55        | 450        |
| 140 to 179 acres ..... farms                                  | 1      | -      | 8      | 1            | -         | 5       | 2         | 16         |
| acres irrigated   | (D)    | -      | (D)    | (D)          | -         | 43      | (D)       | 1,243      |
| 180 to 219 acres ..... farms                                  | 1      | -      | 5      | 1            | -         | -       | 1         | 13         |
| acres irrigated   | (D)    | -      | 213    | (D)          | -         | -       | (D)       | 1,248      |
| 220 to 259 acres ..... farms                                  | -      | -      | 4      | -            | -         | -       | -         | 9          |
| acres irrigated   | -      | -      | 416    | -            | -         | -       | -         | 1,142      |
| 260 to 499 acres ..... farms                                  | 1      | -      | 21     | 3            | -         | 4       | 5         | 35         |
| acres irrigated   | (D)    | -      | 2,051  | (D)          | -         | (D)     | (D)       | 7,292      |
| 500 to 999 acres ..... farms                                  | -      | 4      | 10     | 6            | -         | -       | 1         | 51         |
| acres irrigated   | -      | 418    | 2,155  | 880          | -         | -       | (D)       | 24,304     |
| 1,000 to 1,999 acres ..... farms                              | -      | -      | 4      | 2            | -         | 1       | 1         | 36         |
| acres irrigated   | -      | -      | 1,450  | (D)          | -         | (D)     | (D)       | 32,205     |
| 2,000 acres or more ..... farms                               | -      | -      | 3      | -            | -         | 4       | 1         | 16         |
| acres irrigated   | -      | -      | (D)    | -            | -         | 1,198   | (D)       | 35,377     |
| 1997 irrigated acres by size of farm:                         |        |        |        |              |           |         |           |            |
| 1 to 9 acres ..... farms                                      | -      | -      | 81     | -            | 2         | 11      | 10        | 13         |
| acres irrigated   | -      | -      | (D)    | -            | (D)       | 28      | 18        | 33         |
| 10 to 49 acres ..... farms                                    | -      | 1      | 146    | 2            | 1         | 12      | 25        | 16         |
| acres irrigated   | -      | (D)    | 1,267  | (D)          | (D)       | 53      | 73        | 155        |
| 50 to 69 acres ..... farms                                    | 2      | 2      | 26     | -            | -         | 4       | 1         | 10         |
| acres irrigated   | (D)    | (D)    | 534    | -            | -         | 32      | (D)       | 395        |
| 70 to 99 acres ..... farms                                    | -      | 2      | 24     | 1            | -         | 3       | 3         | 10         |
| acres irrigated   | -      | (D)    | 910    | (D)          | -         | 144     | 75        | 457        |
| 100 to 139 acres ..... farms                                  | 2      | -      | 24     | 4            | -         | 6       | -         | 6          |
| acres irrigated   | (D)    | -      | 962    | 131          | -         | 54      | -         | 337        |
| 140 to 179 acres ..... farms                                  | 1      | -      | 16     | -            | -         | 1       | 3         | 18         |
| acres irrigated   | (D)    | -      | 889    | -            | -         | (D)     | (D)       | 1,950      |
| 180 to 219 acres ..... farms                                  | 1      | -      | 6      | -            | 2         | -       | 3         | 14         |
| acres irrigated   | (D)    | -      | 556    | -            | (D)       | -       | (D)       | 1,887      |
| 220 to 259 acres ..... farms                                  | -      | -      | 6      | 1            | -         | -       | 1         | 6          |
| acres irrigated   | -      | -      | 568    | (D)          | -         | -       | (D)       | 851        |
| 260 to 499 acres ..... farms                                  | -      | -      | 15     | 4            | -         | 3       | 3         | 35         |
| acres irrigated   | -      | -      | 1,485  | 380          | -         | (D)     | (D)       | 7,013      |
| 500 to 999 acres ..... farms                                  | -      | 1      | 6      | 6            | -         | 1       | 2         | 64         |
| acres irrigated   | -      | (D)    | 1,125  | 1,084        | -         | (D)     | (D)       | 28,324     |
| 1,000 to 1,999 acres ..... farms                              | -      | 2      | 6      | 4            | -         | 3       | -         | 33         |
| acres irrigated   | -      | (D)    | 2,517  | 697          | -         | (D)     | -         | 24,534     |
| 2,000 acres or more ..... farms                               | -      | -      | 3      | 1            | -         | 3       | -         | 14         |
| acres irrigated   | -      | -      | (D)    | (D)          | -         | (D)     | -         | 29,063     |

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne | Wexford |
|---|---------|-------------|------------|---------|-----------|-----------|-------|---------|
| Farms ..... number, 2002                                      | 43      | 5           | 32         | 63      | 218       | 108       | 58    | 26      |
| 1997  | 38      | 3           | 20         | 49      | 205       | 95        | 80    | 14      |
| Land in irrigated farms ..... acres, 2002                     | 9,255   | 589         | 7,099      | 33,471  | 81,331    | 13,985    | 4,111 | 4,332   |
| 1997  | 10,352  | 428         | 5,614      | 28,433  | 68,273    | 19,230    | 3,194 | 2,848   |
| Harvested cropland ..... farms, 2002                          | 43      | 5           | 32         | 63      | 214       | 102       | 57    | 18      |
| 1997  | 32      | 3           | 20         | 47      | 203       | 93        | 77    | 14      |
| acres, 2002   | 6,818   | (D)         | 5,739      | 29,374  | 62,970    | 10,906    | 3,198 | 1,762   |
| 1997  | 6,795   | (D)         | 3,673      | 25,422  | 50,191    | 15,504    | 1,544 | 2,212   |
| Other cropland, excluding cropland pastured ..... farms, 2002 | 12      | 2           | 12         | 20      | 88        | 45        | 6     | 19      |
| 1997  | 20      | 2           | 14         | 18      | 91        | 33        | 32    | 3       |
| acres, 2002   | 572     | (D)         | 430        | 1,760   | 6,226     | 864       | 403   | 803     |
| 1997  | 1,809   | (D)         | 218        | 752     | 3,801     | 1,443     | 796   | 12      |
| Pastureland, excluding woodland pastured ..... farms, 2002    | 17      | 4           | 11         | 20      | 37        | 23        | 3     | 7       |
| 1997  | 12      | 2           | 6          | 15      | 32        | 25        | 8     | 4       |
| acres, 2002   | 226     | 186         | 202        | 486     | 1,261     | 316       | 18    | (D)     |
| 1997  | 564     | (D)         | 189        | 277     | 1,402     | 448       | 72    |         |
| Irrigated land ..... acres, 2002                              | 1,188   | 7           | 2,160      | 5,785   | 23,876    | 2,024     | 1,069 | 433     |
| 1997  | 3,674   | (D)         | 994        | 8,991   | 20,594    | 4,795     | 585   | 254     |
| Harvested cropland ..... farms, 2002                          | 43      | 5           | 29         | 63      | 214       | 98        | 57    | 18      |
| 1997  | 31      | 3           | 20         | 44      | 203       | 89        | 76    | 14      |
| acres, 2002   | 1,149   | 7           | 2,121      | 5,785   | 23,715    | 1,988     | 1,057 | 425     |
| 1997  | 3,483   | (D)         | 994        | (D)     | 20,463    | 4,778     | 563   | 254     |
| Pastureland and other land ..... farms, 2002                  | 3       | -           | 3          | -       | 8         | 11        | 3     | 8       |
| 1997  | 9       | -           | -          | 5       | 10        | 8         | 6     | -       |
| acres, 2002   | 39      | -           | 39         | -       | 161       | 36        | 12    | 8       |
| 1997  | 191     | -           | -          | (D)     | 131       | 17        | 22    | -       |
| 2002 irrigated acres by size of farm:                         |         |             |            |         |           |           |       |         |
| 1 to 9 acres ..... farms                                      | 4       | 1           | 5          | 7       | 10        | 17        | 19    | -       |
| acres irrigated   | 4       | (D)         | 6          | 9       | 22        | (D)       | 20    |         |
| 10 to 49 acres ..... farms                                    | 17      | 2           | 15         | 12      | 68        | 50        | 25    | 14      |
| acres irrigated   | 128     | (D)         | 59         | 43      | 464       | 228       | 125   | (D)     |
| 50 to 69 acres ..... farms                                    | 1       | 1           | 2          | 8       | 15        | 7         | 5     | 1       |
| acres irrigated   | (D)     | (D)         | (D)        | 48      | 203       | 19        | 82    | (D)     |
| 70 to 99 acres ..... farms                                    | 5       | -           | 2          | 3       | 17        | 13        | 2     | 5       |
| acres irrigated   | 7       | -           | (D)        | (D)     | 186       | 202       | (D)   | 66      |
| 100 to 139 acres ..... farms                                  | 2       | -           | -          | 5       | 26        | 3         | -     | 2       |
| acres irrigated   | (D)     | -           | -          | 29      | 1,025     | 63        | -     | (D)     |
| 140 to 179 acres ..... farms                                  | 6       | -           | 1          | 5       | 13        | 3         | -     | 1       |
| acres irrigated   | 143     | -           | (D)        | 120     | 893       | 41        | -     | (D)     |
| 180 to 219 acres ..... farms                                  | 1       | -           | -          | -       | 11        | 1         | -     | -       |
| acres irrigated   | (D)     | -           | -          | -       | 795       | (D)       | -     | -       |
| 220 to 259 acres ..... farms                                  | 1       | -           | 3          | -       | 7         | -         | 1     | -       |
| acres irrigated   | (D)     | -           | 51         | -       | 465       | -         | (D)   | -       |
| 260 to 499 acres ..... farms                                  | -       | 1           | -          | 3       | 20        | 6         | 3     | -       |
| acres irrigated   | -       | (D)         | -          | (D)     | 2,232     | 127       | (D)   | -       |
| 500 to 999 acres ..... farms                                  | 2       | -           | 1          | 8       | 14        | 4         | 3     | 2       |
| acres irrigated   | (D)     | -           | (D)        | 791     | 2,747     | 335       | 650   | (D)     |
| 1,000 to 1,999 acres ..... farms                              | 4       | -           | 3          | 8       | 8         | 3         | -     | 1       |
| acres irrigated   | 209     | -           | (D)        | 2,635   | 1,718     | 736       | -     | (D)     |
| 2,000 acres or more ..... farms                               | -       | -           | -          | 4       | 9         | 1         | -     | -       |
| acres irrigated   | -       | -           | -          | (D)     | 13,126    | (D)       | -     | -       |
| 1997 irrigated acres by size of farm:                         |         |             |            |         |           |           |       |         |
| 1 to 9 acres ..... farms                                      | 2       | -           | 4          | 8       | 17        | 13        | 39    | 1       |
| acres irrigated   | (D)     | -           | 4          | 13      | 40        | 35        | 66    | (D)     |
| 10 to 49 acres ..... farms                                    | 15      | 1           | 5          | 7       | 40        | 44        | 29    | 6       |
| acres irrigated   | 136     | (D)         | 10         | 56      | 286       | 203       | 117   | 91      |
| 50 to 69 acres ..... farms                                    | 1       | -           | -          | 6       | 16        | 6         | 2     | 1       |
| acres irrigated   | (D)     | -           | -          | 29      | 203       | 171       | (D)   | (D)     |
| 70 to 99 acres ..... farms                                    | 2       | -           | 4          | -       | 16        | 3         | 3     | 2       |
| acres irrigated   | (D)     | -           | 9          | -       | 178       | (D)       | (D)   | (D)     |
| 100 to 139 acres ..... farms                                  | 5       | 1           | 2          | 4       | 27        | 9         | 1     | 1       |
| acres irrigated   | 171     | (D)         | (D)        | (D)     | 1,612     | 263       | (D)   | (D)     |
| 140 to 179 acres ..... farms                                  | 1       | -           | -          | 3       | 25        | 3         | 1     | -       |
| acres irrigated   | (D)     | -           | -          | (D)     | 814       | 70        | (D)   | -       |
| 180 to 219 acres ..... farms                                  | -       | -           | -          | -       | 522       | -         | -     | -       |
| acres irrigated   | -       | -           | -          | -       | 4         | -         | 2     | -       |
| 220 to 259 acres ..... farms                                  | 1       | -           | -          | -       | 178       | -         | (D)   | -       |
| acres irrigated   | (D)     | -           | -          | -       | -         | -         | -     | -       |
| 260 to 499 acres ..... farms                                  | 3       | 1           | 1          | 4       | 19        | 6         | 1     | -       |
| acres irrigated   | (D)     | (D)         | (D)        | 312     | 2,607     | 442       | (D)   | -       |
| 500 to 999 acres ..... farms                                  | 7       | -           | 2          | 6       | 19        | 5         | 2     | 3       |
| acres irrigated   | 1,600   | -           | (D)        | 1,041   | 4,695     | 426       | (D)   | (D)     |
| 1,000 to 1,999 acres ..... farms                              | -       | -           | 2          | 8       | 7         | 4         | -     | -       |
| acres irrigated   | -       | -           | (D)        | 2,231   | 2,600     | 1,557     | -     | -       |
| 2,000 acres or more ..... farms                               | 1       | -           | -          | 3       | 4         | 2         | -     | -       |
| acres irrigated   | (D)     | -           | -          | (D)     | 6,859     | (D)       | -     | -       |

**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Michigan  | Alcona | Alger | Allegan | Alpena | Antrim | Arenac |
|----------------------------------|-----------|--------|-------|---------|--------|--------|--------|
| <b>INVENTORY</b>                 |           |        |       |         |        |        |        |
| Cattle and calves                |           |        |       |         |        |        |        |
| farms, 2002                      | 14,495    | 114    | 34    | 440     | 218    | 82     | 80     |
| 1997                             | 18,130    | 121    | 29    | 548     | 250    | 92     | 87     |
| number, 2002                     | 998,204   | 5,400  | 1,582 | 40,993  | 9,974  | 4,035  | 5,818  |
| 1997                             | 1,051,130 | 5,072  | 2,005 | 41,991  | 11,368 | 4,904  | 7,085  |
| Farms by inventory:              |           |        |       |         |        |        |        |
| 1 to 9                           |           |        |       |         |        |        |        |
| farms, 2002                      | 4,512     | 28     | 16    | 154     | 61     | 37     | 24     |
| 1997                             | 5,299     | 19     | 4     | 181     | 57     | 29     | 17     |
| number, 2002                     | 21,515    | 149    | 69    | 713     | 258    | (D)    | 110    |
| 1997                             | 25,443    | 74     | (D)   | 834     | (D)    | (D)    | 80     |
| 10 to 19                         |           |        |       |         |        |        |        |
| farms, 2002                      | 2,717     | 27     | 2     | 87      | 36     | 12     | 10     |
| 1997                             | 3,623     | 26     | 6     | 99      | 51     | 18     | 19     |
| number, 2002                     | 37,290    | 438    | (D)   | 1,266   | (D)    | 170    | (D)    |
| 1997                             | 50,023    | 360    | 90    | 1,473   | 684    | 260    | 261    |
| 20 to 49                         |           |        |       |         |        |        |        |
| farms, 2002                      | 3,278     | 38     | 6     | 74      | 61     | 14     | 23     |
| 1997                             | 4,404     | 50     | 11    | 104     | 70     | 18     | 18     |
| number, 2002                     | 100,409   | 1,101  | 191   | 2,252   | 1,960  | 423    | 662    |
| 1997                             | 136,481   | 1,582  | 373   | 3,208   | 2,203  | 522    | 583    |
| 50 to 99                         |           |        |       |         |        |        |        |
| farms, 2002                      | 1,656     | 9      | 6     | 46      | 31     | 9      | 6      |
| 1997                             | 2,197     | 16     | 2     | 57      | 40     | 13     | 10     |
| number, 2002                     | 114,350   | 698    | 458   | 3,167   | 2,105  | 585    | 465    |
| 1997                             | 150,102   | 1,075  | (D)   | 3,808   | 2,595  | 799    | 680    |
| 100 to 199                       |           |        |       |         |        |        |        |
| farms, 2002                      | 1,186     | 5      | 2     | 31      | 22     | 5      | 6      |
| 1997                             | 1,435     | 7      | 3     | 50      | 26     | 8      | 8      |
| number, 2002                     | 162,007   | 681    | (D)   | 4,044   | 2,973  | 744    | 927    |
| 1997                             | 195,506   | 984    | 495   | 6,931   | 3,454  | 1,183  | 1,040  |
| 200 to 499                       |           |        |       |         |        |        |        |
| farms, 2002                      | 856       | 7      | 2     | 27      | 6      | 4      | 10     |
| 1997                             | 949       | 3      | 3     | 40      | 5      | 5      | 15     |
| number, 2002                     | 251,543   | 2,333  | (D)   | 7,654   | 1,471  | 1,387  | 2,929  |
| 1997                             | 277,149   | 997    | 896   | 12,059  | 1,266  | 1,505  | 4,441  |
| 500 or more                      |           |        |       |         |        |        |        |
| farms, 2002                      | 290       | -      | -     | 21      | 1      | 1      | 1      |
| 1997                             | 223       | -      | -     | 17      | 1      | 1      | -      |
| number, 2002                     | 311,090   | -      | -     | 21,897  | (D)    | (D)    | (D)    |
| 1997                             | 216,426   | -      | -     | 13,678  | (D)    | (D)    | (D)    |
| Cows and heifers that had calved |           |        |       |         |        |        |        |
| farms, 2002                      | 10,730    | 97     | 26    | 320     | 163    | 64     | 60     |
| 1997                             | 12,832    | 100    | 22    | 365     | 200    | 64     | 54     |
| number, 2002                     | 415,993   | 2,507  | 738   | 18,512  | 4,598  | 1,469  | 2,707  |
| 1997                             | 427,198   | 2,536  | 768   | 18,795  | 4,868  | 1,802  | 2,863  |
| Beef cows                        |           |        |       |         |        |        |        |
| farms, 2002                      | 8,144     | 87     | 20    | 233     | 121    | 57     | 42     |
| 1997                             | 9,062     | 87     | 17    | 230     | 156    | 51     | 31     |
| number, 2002                     | 117,564   | 1,804  | 335   | 2,411   | 1,774  | 733    | 344    |
| 1997                             | 125,630   | 1,782  | 362   | 2,966   | 2,198  | 933    | 454    |
| 2002 farms by inventory:         |           |        |       |         |        |        |        |
| 1 to 9                           |           |        |       |         |        |        |        |
| farms                            | 4,299     | 39     | 12    | 153     | 57     | 36     | 28     |
| number                           | 19,276    | 223    | (D)   | 661     | 244    | 156    | 111    |
| 10 to 19                         |           |        |       |         |        |        |        |
| farms                            | 2,102     | 21     | 3     | 48      | 28     | 9      | 10     |
| number                           | 27,878    | 304    | 44    | 653     | 370    | 114    | 133    |
| 20 to 49                         |           |        |       |         |        |        |        |
| farms                            | 1,361     | 18     | 4     | 25      | 31     | 9      | 4      |
| number                           | 38,212    | 495    | 127   | 605     | 863    | 221    | 100    |
| 50 to 99                         |           |        |       |         |        |        |        |
| farms                            | 286       | 6      | -     | 6       | 5      | 3      | -      |
| number                           | 18,047    | 442    | -     | (D)     | 297    | 242    | -      |
| 100 to 199                       |           |        |       |         |        |        |        |
| farms                            | 81        | 3      | 1     | 1       | -      | -      | -      |
| number                           | (D)       | 340    | (D)   | (D)     | -      | -      | -      |
| 200 to 499                       |           |        |       |         |        |        |        |
| farms                            | 14        | -      | -     | -       | -      | -      | -      |
| number                           | 3,486     | -      | -     | -       | -      | -      | -      |
| 500 or more                      |           |        |       |         |        |        |        |
| farms                            | 1         | -      | -     | -       | -      | -      | -      |
| number                           | (D)       | -      | -     | -       | -      | -      | -      |
| Milk cows                        |           |        |       |         |        |        |        |
| farms, 2002                      | 3,013     | 14     | 8     | 100     | 54     | 10     | 24     |
| 1997                             | 4,226     | 17     | 8     | 152     | 44     | 17     | 26     |
| number, 2002                     | 298,429   | 703    | 403   | 16,101  | 2,824  | 736    | 2,363  |
| 1997                             | 301,568   | 754    | 406   | 15,829  | 2,670  | 869    | 2,409  |
| 2002 farms by inventory:         |           |        |       |         |        |        |        |
| 1 to 9                           |           |        |       |         |        |        |        |
| farms                            | 509       | 4      | -     | 11      | 17     | 2      | 4      |
| number                           | 1,555     | 9      | -     | 46      | 33     | (D)    | 8      |
| 10 to 19                         |           |        |       |         |        |        |        |
| farms                            | 251       | 2      | 1     | 5       | 2      | -      | (D)    |
| number                           | 3,495     | (D)    | (D)   | 82      | (D)    | -      | 2      |
| 20 to 49                         |           |        |       |         |        |        |        |
| farms                            | 689       | 2      | 3     | 26      | 14     | 3      | 6      |
| number                           | 22,981    | (D)    | (D)   | 900     | (D)    | (D)    | (D)    |
| 50 to 99                         |           |        |       |         |        |        |        |
| farms                            | 723       | 3      | 4     | 19      | 11     | 3      | 6      |
| number                           | 50,205    | 180    | 273   | 1,460   | 814    | 231    | 415    |
| 100 to 199                       |           |        |       |         |        |        |        |
| farms                            | 546       | 2      | -     | 17      | 9      | 1      | 9      |
| number                           | 73,672    | (D)    | -     | 2,336   | 1,135  | (D)    | 1,327  |
| 200 to 499                       |           |        |       |         |        |        |        |
| farms                            | 217       | 1      | -     | 14      | 1      | 1      | 2      |
| number                           | 62,418    | (D)    | -     | 4,554   | (D)    | (D)    | (D)    |
| 500 or more                      |           |        |       |         |        |        |        |
| farms                            | 78        | -      | -     | 8       | -      | -      | -      |
| number                           | 84,103    | -      | -     | 6,723   | -      | -      | -      |
| Other cattle (see text)          |           |        |       |         |        |        |        |
| farms, 2002                      | 12,711    | 97     | 31    | 376     | 197    | 71     | 72     |
| 1997                             | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| number, 2002                     | 582,211   | 2,893  | 844   | 22,481  | 5,376  | 2,566  | 3,111  |
| 1997                             | (NA)      | (NA)   | (NA)  | (NA)    | (NA)   | (NA)   | (NA)   |
| 2002 farms by inventory:         |           |        |       |         |        |        |        |
| 1 to 9                           |           |        |       |         |        |        |        |
| farms                            | 5,112     | 38     | 17    | 165     | 75     | 35     | 21     |
| number                           | 22,275    | (D)    | 65    | 749     | (D)    | 127    | 87     |
| 10 to 19                         |           |        |       |         |        |        |        |
| farms                            | 2,505     | 32     | 2     | 56      | 47     | 13     | 20     |
| number                           | 33,425    | 463    | (D)   | 785     | 668    | 167    | 254    |
| 20 to 49                         |           |        |       |         |        |        |        |
| farms                            | 2,463     | 15     | 7     | 65      | 41     | 10     | 12     |
| number                           | 73,611    | 401    | 220   | 1,841   | 1,202  | 291    | 387    |
| 50 to 99                         |           |        |       |         |        |        |        |
| farms                            | 1,217     | 4      | 1     | 40      | 23     | 7      | 10     |
| number                           | 82,143    | 249    | (D)   | 2,708   | 1,529  | 484    | 760    |
| 100 to 199                       |           |        |       |         |        |        |        |
| farms                            | 858       | 6      | 4     | 19      | 10     | 3      | 6      |
| number                           | 114,687   | 819    | 472   | 2,512   | 1,282  | 410    | 815    |
| 200 to 499                       |           |        |       |         |        |        |        |
| farms                            | 436       | 2      | -     | 20      | 1      | 3      | 3      |
| number                           | 123,269   | (D)    | -     | 5,802   | (D)    | 1,087  | 808    |
| 500 or more                      |           |        |       |         |        |        |        |
| farms                            | 120       | -      | -     | 11      | -      | -      | -      |
| number                           | 132,801   | -      | -     | 8,084   | -      | -      | -      |

--continued

**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Baraga               | Barry                            | Bay                            | Benzie                      | Berrien                    | Branch                       | Calhoun                        |
|----------------------------------|----------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|------------------------------|--------------------------------|
| <b>INVENTORY</b>                 |                      |                                  |                                |                             |                            |                              |                                |
| Cattle and calves                | farms, 2002<br>1997  | 24<br>26<br>number, 2002<br>1997 | 313<br>403<br>21,168<br>25,736 | 94<br>106<br>4,731<br>4,475 | 40<br>52<br>1,282<br>1,642 | 138<br>201<br>4,901<br>5,422 | 322<br>413<br>12,833<br>24,865 |
| Farms by inventory:              |                      |                                  |                                |                             |                            |                              |                                |
| 1 to 9                           | farms, 2002<br>1997  | 8<br>2                           | 106<br>130                     | 37<br>32                    | 21<br>23                   | 58<br>90                     | 135<br>146                     |
|                                  | number, 2002<br>1997 | (D)<br>(D)                       | 505<br>646                     | (D)<br>(D)                  | 94<br>(D)                  | 288<br>(D)                   | 671<br>774                     |
| 10 to 19                         | farms, 2002<br>1997  | 1<br>2                           | 69<br>90                       | 22<br>33                    | 3<br>12                    | 27<br>48                     | 58<br>87                       |
|                                  | number, 2002<br>1997 | (D)<br>(D)                       | 926<br>1,284                   | 314<br>441                  | 55<br>160                  | (D)<br>620                   | (D)<br>1,114                   |
| 20 to 49                         | farms, 2002<br>1997  | 6<br>10                          | 66<br>97                       | 18<br>19                    | 9<br>8                     | 29<br>44                     | 68<br>101                      |
|                                  | number, 2002<br>1997 | 191<br>292                       | 1,941<br>2,921                 | 509<br>522                  | 247<br>224                 | 820<br>1,365                 | 1,919<br>3,095                 |
| 50 to 99                         | farms, 2002<br>1997  | 7<br>10                          | 27<br>37                       | 7<br>14                     | 4<br>4                     | 14<br>8                      | 34<br>42                       |
|                                  | number, 2002<br>1997 | 538<br>710                       | 1,760<br>2,508                 | 477<br>865                  | 272<br>355                 | 926<br>572                   | 2,253<br>2,872                 |
| 100 to 199                       | farms, 2002<br>1997  | 1<br>2                           | 20<br>23                       | 3<br>3                      | 2<br>4                     | 9<br>9                       | 13<br>20                       |
|                                  | number, 2002<br>1997 | (D)<br>(D)                       | 2,829<br>3,289                 | 375<br>451                  | (D)<br>598                 | 1,365<br>1,366               | 1,814<br>2,683                 |
| 200 to 499                       | farms, 2002<br>1997  | -<br>-                           | 15<br>21                       | 5<br>3                      | 1<br>1                     | -<br>1                       | 12<br>12                       |
|                                  | number, 2002<br>1997 | -<br>-                           | 3,922<br>6,220                 | 1,775<br>929                | (D)<br>(D)                 | -<br>(D)                     | 3,399<br>3,517                 |
| 500 or more                      | farms, 2002<br>1997  | 1<br>-                           | 10<br>5                        | 2<br>2                      | -<br>-                     | 1<br>1                       | 2<br>5                         |
|                                  | number, 2002<br>1997 | (D)<br>(D)                       | 9,285<br>8,868                 | (D)<br>(D)                  | -<br>-                     | (D)<br>(D)                   | (D)<br>10,810                  |
| Cows and heifers that had calved | farms, 2002<br>1997  | 17<br>24                         | 241<br>310                     | 72<br>75                    | 34<br>34                   | 103<br>135                   | 231<br>293                     |
|                                  | number, 2002<br>1997 | 639<br>677                       | 10,103<br>12,386               | 2,174<br>1,991              | 380<br>436                 | 2,647<br>2,637               | 4,673<br>6,666                 |
| Beef cows                        | farms, 2002<br>1997  | 13<br>16                         | 205<br>261                     | 58<br>62                    | 34<br>34                   | 86<br>112                    | 185<br>212                     |
|                                  | number, 2002<br>1997 | 543<br>436                       | 3,109<br>3,475                 | 606<br>632                  | (D)<br>(D)                 | 1,101<br>1,281               | 2,086<br>2,584                 |
| 2002 farms by inventory:         |                      |                                  |                                |                             |                            |                              |                                |
| 1 to 9                           | farms<br>number      | 1<br>(D)                         | 103<br>449                     | 35<br>154                   | 19<br>(D)                  | 49<br>236                    | 103<br>415                     |
| 10 to 19                         | farms<br>number      | 4<br>(D)                         | 54<br>58                       | 17<br>717                   | 13<br>208                  | 19<br>194                    | 47<br>236                      |
| 20 to 49                         | farms<br>number      | 4<br>(D)                         | 35<br>952                      | 5<br>(D)                    | 1<br>(D)                   | 15<br>447                    | 32<br>888                      |
| 50 to 99                         | farms<br>number      | 135<br>(D)                       | 952<br>667                     | 10<br>-                     | 1<br>(D)                   | 3<br>182                     | 3<br>189                       |
| 100 to 199                       | farms<br>number      | 2<br>(D)                         | 3<br>324                       | 1<br>(D)                    | -<br>-                     | -<br>-                       | -<br>-                         |
| 200 to 499                       | farms<br>number      | -<br>-                           | -<br>-                         | -<br>-                      | -<br>-                     | -<br>-                       | -<br>-                         |
| 500 or more                      | farms<br>number      | -<br>-                           | -<br>-                         | -<br>-                      | -<br>-                     | -<br>-                       | -<br>-                         |
| Milk cows                        | farms, 2002<br>1997  | 7<br>9                           | 38<br>62                       | 15<br>17                    | 1<br>4                     | 18<br>28                     | 55<br>91                       |
|                                  | number, 2002<br>1997 | 96<br>241                        | 6,994<br>8,911                 | 1,568<br>1,359              | (D)<br>(D)                 | 1,546<br>1,356               | 2,587<br>4,082                 |
| 2002 farms by inventory:         |                      |                                  |                                |                             |                            |                              |                                |
| 1 to 9                           | farms<br>number      | 4<br>6                           | 2<br>(D)                       | -<br>-                      | 1<br>(D)                   | 4<br>10                      | 25<br>(D)                      |
| 10 to 19                         | farms<br>number      | -<br>-                           | 6<br>(D)                       | 1<br>(D)                    | -<br>-                     | 3<br>(D)                     | 7<br>80                        |
| 20 to 49                         | farms<br>number      | 3<br>-                           | 5<br>(D)                       | 5<br>(D)                    | -<br>-                     | 2<br>(D)                     | 5<br>162                       |
| 50 to 99                         | farms<br>number      | 90<br>-                          | 167<br>538                     | 167<br>(D)                  | -<br>-                     | 4<br>274                     | 8<br>623                       |
| 100 to 199                       | farms<br>number      | -<br>-                           | 6<br>682                       | 5<br>695                    | -<br>-                     | 4<br>505                     | 8<br>929                       |
| 200 to 499                       | farms<br>number      | -<br>-                           | 7<br>2,227                     | 2<br>(D)                    | -<br>-                     | -<br>1                       | 1<br>(D)                       |
| 500 or more                      | farms<br>number      | -<br>-                           | 3<br>3,277                     | 3<br>-                      | -<br>(D)                   | 1<br>(D)                     | 1<br>1,737                     |
| Other cattle (see text)          | farms, 2002<br>1997  | 22<br>(NA)                       | 270<br>(NA)                    | 70<br>(NA)                  | 29<br>(NA)                 | 114<br>(NA)                  | 286<br>(NA)                    |
|                                  | number, 2002<br>1997 | 777<br>(NA)                      | 11,065<br>(NA)                 | 2,557<br>(NA)               | 902<br>(NA)                | 2,254<br>(NA)                | 8,160<br>(NA)                  |
| 2002 farms by inventory:         |                      |                                  |                                |                             |                            |                              |                                |
| 1 to 9                           | farms<br>number      | 11<br>37                         | 125<br>(D)                     | 32<br>(D)                   | 11<br>38                   | 63<br>296                    | 147<br>(D)                     |
| 10 to 19                         | farms<br>number      | 2<br>-                           | 63<br>(D)                      | 16<br>811                   | 11<br>212                  | 17<br>155                    | 63<br>797                      |
| 20 to 49                         | farms<br>number      | 6<br>176                         | 37<br>1,076                    | 12<br>396                   | 1<br>396                   | 25<br>(D)                    | 37<br>708                      |
| 50 to 99                         | farms<br>number      | 2<br>886                         | 13<br>(D)                      | 2<br>886                    | 3<br>(D)                   | 8<br>166                     | 19<br>524                      |
| 100 to 199                       | farms<br>number      | -<br>-                           | 19<br>2,888                    | 3<br>355                    | 2<br>(D)                   | -<br>-                       | 14<br>1,819                    |
| 200 to 499                       | farms<br>number      | 1<br>-                           | 11<br>2,994                    | 5<br>1,307                  | 1<br>(D)                   | -<br>-                       | 5<br>1,628                     |
| 500 or more                      | farms<br>number      | -<br>-                           | 2<br>(D)                       | -<br>-                      | -<br>(D)                   | 1<br>(D)                     | 3<br>1,943                     |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Cass  | Charlevoix                   | Cheboygan                   | Chippewa                    | Clare                        | Clinton                        | Crawford                       |
|----------------------------------|---|------------------------------|-----------------------------|-----------------------------|------------------------------|--------------------------------|--------------------------------|
| <b>INVENTORY</b>                 |   |                              |                             |                             |                              |                                |                                |
| Cattle and calves                | farms, 2002<br>1997<br>number, 2002<br>1997 | 191<br>233<br>6,695<br>7,472 | 92<br>97<br>3,279<br>3,410  | 99<br>113<br>5,066<br>5,418 | 151<br>199<br>7,394<br>8,754 | 164<br>225<br>11,299<br>13,962 | 334<br>420<br>44,416<br>41,887 |
| Farms by inventory:              |   |                              |                             |                             |                              |                                |                                |
| 1 to 9                           | farms, 2002<br>1997<br>number, 2002<br>1997 | 78<br>83<br>(D)<br>(D)       | 43<br>24<br>175<br>137      | 36<br>35<br>44<br>(D)       | 28<br>44<br>115<br>237       | 38<br>47<br>213<br>226         | 92<br>102<br>399<br>472        |
| 10 to 19                         | farms, 2002<br>1997<br>number, 2002<br>1997 | 41<br>50<br>555<br>210       | 15<br>34<br>28<br>(D)       | 20<br>28<br>53<br>454       | 33<br>53<br>43<br>486        | 36<br>58<br>43<br>84           | 58<br>1<br>84<br>1             |
| 20 to 49                         | farms, 2002<br>1997<br>number, 2002<br>1997 | 34<br>57<br>1,033<br>616     | 22<br>24<br>19<br>392       | 29<br>53<br>42<br>729       | 38<br>75<br>567<br>567       | 67<br>91<br>1,212<br>1,212     | 2<br>4<br>3<br>1               |
| 50 to 99                         | farms, 2002<br>1997<br>number, 2002<br>1997 | 22<br>26<br>1,541<br>260     | 4<br>8<br>13<br>974         | 13<br>10<br>29<br>1,922     | 26<br>23<br>28<br>1,756      | 40<br>54<br>40<br>2,905        | -<br>-<br>-<br>-               |
| 100 to 199                       | farms, 2002<br>1997<br>number, 2002<br>1997 | 11<br>15<br>1,583<br>373     | 3<br>3<br>667<br>667        | 5<br>4<br>1,423<br>1,423    | 13<br>19<br>1,177<br>1,177   | 35<br>44<br>1,915<br>1,915     | -<br>-<br>106<br>106           |
| 200 to 499                       | farms, 2002<br>1997<br>number, 2002<br>1997 | 4<br>1<br>996<br>1,607       | 5<br>4<br>5<br>1,225        | 4<br>7<br>2,222<br>2,222    | 10<br>16<br>2,927<br>2,927   | 21<br>31<br>6,035<br>6,035     | -<br>-<br>-                    |
| 500 or more                      | farms, 2002<br>1997<br>number, 2002<br>1997 | 1<br>1<br>(D)<br>(D)         | -<br>-<br>2<br>1,372        | -<br>-<br>3<br>2,057        | 3<br>3<br>4,296<br>4,296     | 21<br>14<br>9,526<br>9,526     | -<br>-<br>-                    |
| Cows and heifers that had calved | farms, 2002<br>1997<br>number, 2002<br>1997 | 149<br>155<br>2,962<br>3,377 | 68<br>81<br>1,530<br>1,565  | 83<br>95<br>2,726<br>2,863  | 135<br>162<br>3,483<br>3,586 | 199<br>183<br>4,507<br>5,943   | 3<br>11<br>19,861<br>17,786    |
| Beef cows                        | farms, 2002<br>1997<br>number, 2002<br>1997 | 135<br>131<br>2,083<br>2,210 | 57<br>69<br>861<br>792      | 75<br>81<br>1,636<br>1,292  | 122<br>139<br>2,831<br>2,399 | 92<br>126<br>1,837<br>2,690    | 118<br>125<br>1,144<br>1,543   |
| 2002 farms by inventory:         |   |                              |                             |                             |                              |                                |                                |
| 1 to 9                           | farms<br>number                             | 88<br>402                    | 36<br>150                   | 28<br>(D)                   | 50<br>259                    | 38<br>(D)                      | 80<br>316                      |
| 10 to 19                         | farms<br>number                             | 18<br>239                    | 12<br>161                   | 25<br>330                   | 32<br>445                    | 27<br>347                      | 21<br>(D)                      |
| 20 to 49                         | farms<br>number                             | 21<br>609                    | 6<br>167                    | 13<br>394                   | 28<br>839                    | 20<br>640                      | 15<br>413                      |
| 50 to 99                         | farms<br>number                             | 5<br>341                     | 1<br>(D)                    | 7<br>407                    | 8<br>525                     | 5<br>289                       | 2<br>(D)                       |
| 100 to 199                       | farms<br>number                             | 2<br>(D)                     | 1<br>(D)                    | 1<br>(D)                    | 2<br>(D)                     | 1<br>(D)                       | -<br>-                         |
| 200 to 499                       | farms<br>number                             | 1<br>(D)                     | 1<br>(D)                    | 1<br>(D)                    | 2<br>(D)                     | 1<br>(D)                       | -<br>-                         |
| 500 or more                      | farms<br>number                             | -<br>-                       | -<br>-                      | -<br>-                      | -<br>-                       | -<br>-                         | -<br>-                         |
| Milk cows                        | farms, 2002<br>1997<br>number, 2002<br>1997 | 23<br>27<br>879<br>1,167     | 13<br>13<br>669<br>773      | 8<br>14<br>1,090<br>1,571   | 18<br>35<br>652<br>1,187     | 46<br>67<br>2,670<br>3,253     | 87<br>117<br>18,717<br>16,243  |
| 2002 farms by inventory:         |   |                              |                             |                             |                              |                                |                                |
| 1 to 9                           | farms<br>number                             | 8<br>25                      | 4<br>12                     | 2<br>(D)                    | 3<br>7                       | 11<br>27                       | 6<br>(D)                       |
| 10 to 19                         | farms<br>number                             | 2<br>(D)                     | 2<br>(D)                    | -<br>-                      | 2<br>(D)                     | 10<br>(D)                      | 1<br>(D)                       |
| 20 to 49                         | farms<br>number                             | 5<br>(D)                     | 2<br>(D)                    | -<br>-                      | 9<br>(D)                     | 11<br>(D)                      | 15<br>(D)                      |
| 50 to 99                         | farms<br>number                             | 184<br>6                     | (D)<br>2                    | -<br>1                      | 323<br>3                     | 325<br>8                       | 469<br>30                      |
| 100 to 199                       | farms<br>number                             | 434<br>(D)                   | 2<br>428                    | 1<br>403                    | (D)<br>(D)                   | 576<br>553                     | 2,206<br>2,107                 |
| 200 to 499                       | farms<br>number                             | -<br>-                       | -<br>-                      | 2<br>(D)                    | -<br>(D)                     | 1<br>1                         | 12<br>-                        |
| 500 or more                      | farms<br>number                             | -<br>-                       | -<br>-                      | -<br>-                      | -<br>(D)                     | 1<br>1                         | 8<br>10,318                    |
| Other cattle (see text)          | farms, 2002<br>1997<br>number, 2002<br>1997 | 153<br>(NA)<br>3,733<br>(NA) | 76<br>(NA)<br>1,749<br>(NA) | 84<br>(NA)<br>2,340<br>(NA) | 136<br>(NA)<br>3,911<br>(NA) | 140<br>(NA)<br>6,792<br>(NA)   | 299<br>(NA)<br>24,555<br>(NA)  |
| 2002 farms by inventory:         |   |                              |                             |                             |                              |                                |                                |
| 1 to 9                           | farms<br>number                             | 68<br>(D)                    | 38<br>182                   | 42<br>164                   | 45<br>(D)                    | 49<br>239                      | 83<br>355                      |
| 10 to 19                         | farms<br>number                             | 37<br>475                    | 20<br>272                   | 16<br>205                   | 35<br>423                    | 35<br>437                      | 67<br>935                      |
| 20 to 49                         | farms<br>number                             | 30<br>986                    | 12<br>329                   | 18<br>658                   | 34<br>1,137                  | 28<br>891                      | 58<br>1,751                    |
| 50 to 99                         | farms<br>number                             | 11<br>721                    | 1<br>(D)                    | 2<br>(D)                    | 13<br>763                    | 12<br>848                      | 45<br>3,105                    |
| 100 to 199                       | farms<br>number                             | 5<br>721                     | 3<br>(D)                    | 4<br>(D)                    | 8<br>(D)                     | 8<br>1,155                     | 19<br>4,345                    |
| 200 to 499                       | farms<br>number                             | 698<br>(D)                   | 365<br>(D)                  | 525<br>(D)                  | 1,130<br>(D)                 | 5<br>1,155                     | 16<br>4,345                    |
| 500 or more                      | farms<br>number                             | -<br>-                       | -<br>-                      | -<br>-                      | -<br>-                       | 3<br>2,194                     | 11<br>11,640                   |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Delta | Dickinson | Eaton  | Emmet | Genesee | Gladwin | Gogebic |
|----------------------------------|-------|-----------|--------|-------|---------|---------|---------|
| <b>INVENTORY</b>                 |       |           |        |       |         |         |         |
| Cattle and calves                |       |           |        |       |         |         |         |
| farms, 2002                      | 120   | 52        | 342    | 111   | 207     | 207     | 12      |
| 1997                             | 150   | 61        | 434    | 130   | 245     | 271     | 26      |
| number, 2002                     | 7,273 | 2,903     | 13,096 | 5,007 | 7,401   | 6,718   | 179     |
| 1997                             | 7,885 | 2,612     | 16,897 | 6,190 | 8,055   | 8,367   | 319     |
| Farms by inventory:              |       |           |        |       |         |         |         |
| 1 to 9                           |       |           |        |       |         |         |         |
| farms, 2002                      | 20    | 7         | 127    | 46    | 98      | 60      | 4       |
| 1997                             | 28    | 18        | 151    | 29    | 110     | 56      | 12      |
| number, 2002                     | 86    | (D)       | 662    | 216   | (D)     | 313     | 21      |
| 1997                             | 107   | (D)       | (D)    | 144   | (D)     | 269     | 54      |
| 10 to 19                         |       |           |        |       |         |         |         |
| farms, 2002                      | 24    | 10        | 61     | 12    | 41      | 45      | 3       |
| 1997                             | 23    | 7         | 87     | 21    | 54      | 74      | 9       |
| number, 2002                     | 351   | 144       | (D)    | (D)   | 546     | 655     | 37      |
| 1997                             | 321   | 89        | 1,202  | 284   | 719     | 1,072   | 130     |
| 20 to 49                         |       |           |        |       |         |         |         |
| farms, 2002                      | 30    | 17        | 82     | 26    | 40      | 72      | 5       |
| 1997                             | 43    | 14        | 105    | 47    | 46      | 96      | 5       |
| number, 2002                     | 897   | 569       | 2,372  | 910   | 1,076   | 2,427   | 121     |
| 1997                             | 1,365 | 444       | 3,247  | 1,436 | 1,361   | 2,925   | 135     |
| 50 to 99                         |       |           |        |       |         |         |         |
| farms, 2002                      | 23    | 10        | 40     | 15    | 8       | 19      | -       |
| 1997                             | 33    | 15        | 48     | 17    | 16      | 35      | -       |
| number, 2002                     | 1,602 | 767       | 2,718  | 992   | 617     | 1,285   | -       |
| 1997                             | 2,133 | 986       | 3,090  | 1,126 | 1,094   | 2,268   | -       |
| 100 to 199                       |       |           |        |       |         |         |         |
| farms, 2002                      | 16    | 6         | 19     | 7     | 12      | 6       | -       |
| 1997                             | 17    | 6         | 29     | 10    | 12      | 7       | -       |
| number, 2002                     | 2,186 | 850       | 2,498  | 977   | 1,706   | 839     | -       |
| 1997                             | 2,148 | 748       | 3,627  | 1,303 | 1,642   | 1,075   | -       |
| 200 to 499                       |       |           |        |       |         |         |         |
| farms, 2002                      | 7     | 2         | 12     | 4     | 6       | 5       | -       |
| 1997                             | 6     | 1         | 12     | 6     | 6       | 3       | -       |
| number, 2002                     | 2,151 | (D)       | 3,086  | 1,102 | 1,996   | 1,199   | -       |
| 1997                             | 1,811 | (D)       | 3,151  | 1,897 | 1,877   | 758     | -       |
| 500 or more                      |       |           |        |       |         |         |         |
| farms, 2002                      | -     | -         | 1      | 1     | 2       | -       | -       |
| 1997                             | -     | -         | 2      | -     | 1       | -       | -       |
| number, 2002                     | -     | -         | (D)    | (D)   | (D)     | -       | -       |
| 1997                             | -     | -         | (D)    | -     | -       | -       | -       |
| Cows and heifers that had calved |       |           |        |       |         |         |         |
| farms, 2002                      | 100   | 51        | 261    | 89    | 140     | 163     | 8       |
| 1997                             | 132   | 51        | 313    | 104   | 164     | 223     | 20      |
| number, 2002                     | 3,585 | 1,564     | 5,165  | 2,124 | 2,664   | 3,104   | 78      |
| 1997                             | 3,985 | 1,345     | 6,835  | 2,903 | 3,142   | 3,867   | 141     |
| Beef cows                        |       |           |        |       |         |         |         |
| farms, 2002                      | 81    | 41        | 226    | 79    | 126     | 119     | 8       |
| 1997                             | 99    | 43        | 263    | 88    | 134     | 142     | 20      |
| number, 2002                     | 1,891 | 761       | 3,082  | 1,374 | 1,112   | 2,048   | 78      |
| 1997                             | 2,035 | 794       | 3,978  | 1,768 | 1,280   | 2,248   | 141     |
| 2002 farms by inventory:         |       |           |        |       |         |         |         |
| 1 to 9                           |       |           |        |       |         |         |         |
| farms                            | 20    | 12        | 121    | 41    | 90      | 50      | 3       |
| number                           | (D)   | 42        | 579    | (D)   | 391     | 219     | 22      |
| 10 to 19                         |       |           |        |       |         |         |         |
| farms                            | 32    | 16        | 63     | 14    | 27      | 37      | 5       |
| number                           | 428   | 224       | 837    | 200   | 341     | 483     | 56      |
| 20 to 49                         |       |           |        |       |         |         |         |
| farms                            | 17    | 10        | 31     | 19    | 6       | 25      | -       |
| number                           | 486   | 290       | 828    | 532   | 183     | 728     | -       |
| 50 to 99                         |       |           |        |       |         |         |         |
| farms                            | 10    | 3         | 8      | 3     | 3       | 4       | -       |
| number                           | 662   | 205       | 494    | 230   | 197     | 237     | -       |
| 100 to 199                       |       |           |        |       |         |         |         |
| farms                            | 2     | -         | 3      | 2     | -       | 3       | -       |
| number                           | (D)   | -         | 344    | (D)   | -       | 381     | -       |
| 200 to 499                       |       |           |        |       |         |         |         |
| farms                            | -     | -         | -      | -     | -       | -       | -       |
| number                           | -     | -         | -      | -     | -       | -       | -       |
| 500 or more                      |       |           |        |       |         |         |         |
| farms                            | -     | -         | -      | -     | -       | -       | -       |
| number                           | -     | -         | -      | -     | -       | -       | -       |
| Milk cows                        |       |           |        |       |         |         |         |
| farms, 2002                      | 24    | 12        | 43     | 15    | 18      | 54      | -       |
| 1997                             | 37    | 9         | 75     | 18    | 32      | 89      | -       |
| number, 2002                     | 1,694 | 803       | 2,083  | 750   | 1,552   | 1,056   | -       |
| 1997                             | 1,950 | 551       | 2,857  | 1,135 | 1,862   | 1,619   | -       |
| 2002 farms by inventory:         |       |           |        |       |         |         |         |
| 1 to 9                           |       |           |        |       |         |         |         |
| farms                            | 1     | 1         | 7      | 7     | 6       | 14      | -       |
| number                           | (D)   | (D)       | (D)    | 13    | 10      | (D)     | -       |
| 10 to 19                         |       |           |        |       |         |         |         |
| farms                            | 1     | -         | 1      | -     | -       | 28      | -       |
| number                           | (D)   | -         | (D)    | -     | -       | 394     | -       |
| 20 to 49                         |       |           |        |       |         |         |         |
| farms                            | 13    | 5         | 17     | 4     | -       | 7       | -       |
| number                           | 467   | (D)       | 545    | 129   | -       | 207     | -       |
| 50 to 99                         |       |           |        |       |         |         |         |
| farms                            | 3     | 3         | 14     | 2     | 5       | 4       | -       |
| number                           | (D)   | 230       | 939    | (D)   | (D)     | 270     | -       |
| 100 to 199                       |       |           |        |       |         |         |         |
| farms                            | 4     | 3         | 3      | -     | 6       | 1       | -       |
| number                           | 514   | 369       | 370    | -     | 932     | (D)     | -       |
| 200 to 499                       |       |           |        |       |         |         |         |
| farms                            | 2     | -         | 1      | 2     | 1       | -       | -       |
| number                           | (D)   | -         | (D)    | (D)   | (D)     | -       | -       |
| 500 or more                      |       |           |        |       |         |         |         |
| farms                            | -     | -         | -      | -     | -       | -       | -       |
| number                           | -     | -         | -      | -     | -       | -       | -       |
| Other cattle (see text)          |       |           |        |       |         |         |         |
| farms, 2002                      | 104   | 48        | 289    | 88    | 171     | 190     | 11      |
| 1997                             | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| number, 2002                     | 3,688 | 1,339     | 7,931  | 2,883 | 4,737   | 3,614   | 101     |
| 1997                             | (NA)  | (NA)      | (NA)   | (NA)  | (NA)    | (NA)    | (NA)    |
| 2002 farms by inventory:         |       |           |        |       |         |         |         |
| 1 to 9                           |       |           |        |       |         |         |         |
| farms                            | 29    | 16        | 136    | 34    | 94      | 84      | 7       |
| number                           | 123   | (D)       | (D)    | 400   | 438     | 41      | -       |
| 10 to 19                         |       |           |        |       |         |         |         |
| farms                            | 28    | 11        | 59     | 17    | 31      | 50      | 3       |
| number                           | 392   | 149       | 775    | 235   | (D)     | 664     | (D)     |
| 20 to 49                         |       |           |        |       |         |         |         |
| farms                            | 25    | 12        | 59     | 20    | 22      | 39      | 1       |
| number                           | 784   | 386       | 1,678  | 524   | 651     | 1,088   | (D)     |
| 50 to 99                         |       |           |        |       |         |         |         |
| farms                            | 14    | 8         | 16     | 9     | 12      | 12      | -       |
| number                           | 930   | 570       | 1,037  | 605   | 896     | 747     | -       |
| 100 to 199                       |       |           |        |       |         |         |         |
| farms                            | 4     | 1         | 13     | 6     | 7       | 5       | -       |
| number                           | 547   | (D)       | 1,701  | 782   | 897     | 677     | -       |
| 200 to 499                       |       |           |        |       |         |         |         |
| farms                            | 4     | -         | 5      | 2     | 4       | -       | -       |
| number                           | 912   | -         | 1,219  | (D)   | 1,022   | -       | -       |
| 500 or more                      |       |           |        |       |         |         |         |
| farms                            | -     | -         | -      | -     | 1       | -       | -       |
| number                           | -     | -         | (D)    | -     | (D)     | -       | -       |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Grand<br>Traverse                           | Gratiot                     | Hillsdale                      | Houghton                       | Huron                      | Ingham                         | Ionia                          | Iosco                          |
|----------------------------------|---|-----------------------------|--------------------------------|--------------------------------|----------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>INVENTORY</b>                 |   |                             |                                |                                |                            |                                |                                |                                |
| Cattle and calves                | farms, 2002<br>1997<br>number, 2002<br>1997 | 95<br>125<br>4,736<br>6,395 | 225<br>316<br>26,912<br>25,930 | 380<br>459<br>26,574<br>22,091 | 50<br>61<br>1,769<br>2,282 | 407<br>488<br>85,136<br>60,374 | 258<br>324<br>15,803<br>21,451 | 404<br>457<br>34,623<br>32,697 |
| Farms by inventory:              |   |                             |                                |                                |                            |                                |                                |                                |
| 1 to 9                           | farms, 2002<br>1997<br>number, 2002<br>1997 | 31<br>41<br>(D)<br>549      | 61<br>103<br>322<br>909        | 135<br>182<br>46<br>9          | 18<br>19<br>(D)<br>16      | 45<br>46<br>228<br>39          | 80<br>105<br>402<br>64         | 120<br>125<br>559<br>86        |
| 10 to 19                         | farms, 2002<br>1997<br>number, 2002<br>1997 | 25<br>27<br>341<br>405      | 40<br>60<br>506<br>825         | 77<br>89<br>1,090<br>1,237     | 9<br>16<br>130<br>246      | 39<br>64<br>538<br>873         | 64<br>67<br>830<br>959         | 85<br>86<br>1,109<br>1,177     |
| 20 to 49                         | farms, 2002<br>1997<br>number, 2002<br>1997 | 18<br>32<br>577<br>946      | 50<br>66<br>1,508<br>1,901     | 79<br>88<br>2,573<br>2,826     | 11<br>11<br>423<br>343     | 85<br>107<br>2,764<br>3,610    | 47<br>73<br>1,464<br>2,314     | 79<br>98<br>275<br>3,126       |
| 50 to 99                         | farms, 2002<br>1997<br>number, 2002<br>1997 | 9<br>8<br>694<br>514        | 19<br>24<br>1,427<br>1,660     | 39<br>47<br>2,526<br>3,294     | 3<br>10<br>195<br>694      | 73<br>116<br>5,139<br>8,148    | 23<br>28<br>1,531<br>2,113     | 39<br>59<br>1,533<br>2,692     |
| 100 to 199                       | farms, 2002<br>1997<br>number, 2002<br>1997 | 6<br>12<br>812<br>1,624     | 24<br>26<br>3,143<br>3,836     | 22<br>31<br>2,880<br>4,362     | 4<br>4<br>607<br>492       | 72<br>84<br>9,905<br>11,143    | 33<br>25<br>3,258<br>3,432     | 7<br>43<br>10<br>4,948         |
| 200 to 499                       | farms, 2002<br>1997<br>number, 2002<br>1997 | 5<br>3<br>1,690<br>781      | 19<br>30<br>5,608<br>8,194     | 18<br>16<br>5,231<br>4,984     | 1<br>1<br>(D)<br>(D)       | 65<br>49<br>19,353<br>14,068   | 18<br>22<br>5,266<br>6,564     | 35<br>38<br>10,343<br>10,722   |
| 500 or more                      | farms, 2002<br>1997<br>number, 2002<br>1997 | 1<br>2<br>(D)<br>(D)        | 12<br>7<br>14,399<br>8,965     | 10<br>6<br>11,630<br>4,479     | -<br>-<br>-<br>-           | 28<br>22<br>47,209<br>22,302   | 3<br>4<br>3,052<br>5,582       | 13<br>8<br>12,610<br>6,761     |
| Cows and heifers that had calved | farms, 2002<br>1997<br>number, 2002<br>1997 | 55<br>67<br>1,686<br>2,159  | 134<br>192<br>9,743<br>9,139   | 291<br>302<br>13,796<br>9,096  | 45<br>54<br>892<br>1,025   | 196<br>269<br>18,935<br>14,332 | 208<br>233<br>6,968<br>8,331   | 252<br>276<br>14,423<br>13,501 |
| Beef cows                        | farms, 2002<br>1997<br>number, 2002<br>1997 | 49<br>54<br>1,258<br>1,484  | 84<br>130<br>1,148<br>1,764    | 205<br>199<br>2,425<br>2,204   | 35<br>41<br>416<br>482     | 63<br>79<br>1,187<br>1,005     | 167<br>158<br>2,110<br>2,283   | 189<br>186<br>2,966<br>2,862   |
| 2002 farms by inventory:         |   |                             |                                |                                |                            |                                |                                |                                |
| 1 to 9                           | farms<br>number                             | 27<br>119                   | 49<br>(D)                      | 130<br>519                     | 18<br>66                   | 30<br>156                      | 97<br>439                      | 104<br>513                     |
| 10 to 19                         | farms<br>number                             | 8<br>(D)                    | 20<br>244                      | 46<br>628                      | 13<br>185                  | 14<br>208                      | 40<br>506                      | 49<br>612                      |
| 20 to 49                         | farms<br>number                             | 6<br>(D)                    | 9<br>265                       | 21<br>615                      | 2<br>615                   | 16<br>413                      | 27<br>801                      | 23<br>697                      |
| 50 to 99                         | farms<br>number                             | 177<br>4                    | 265<br>5                       | 615<br>4                       | 2<br>2                     | 1<br>1                         | 1<br>1                         | 3<br>5                         |
| 100 to 199                       | farms<br>number                             | 250<br>3                    | 299<br>1                       | 225<br>4                       | 1<br>1                     | 1<br>1                         | 1<br>2                         | 204<br>5                       |
| 200 to 499                       | farms<br>number                             | 389<br>1                    | (D)<br>-                       | 438<br>-                       | -<br>-                     | (D)<br>(D)                     | (D)<br>-                       | 550<br>1                       |
| 500 or more                      | farms<br>number                             | -<br>-                      | -<br>-                         | -<br>-                         | -<br>-                     | -<br>-                         | -<br>-                         | -<br>-                         |
| Milk cows                        | farms, 2002<br>1997<br>number, 2002<br>1997 | 9<br>15<br>428<br>675       | 53<br>69<br>8,595<br>7,375     | 95<br>108<br>11,371<br>6,892   | 11<br>14<br>476<br>543     | 140<br>198<br>17,748<br>13,327 | 44<br>83<br>4,858<br>6,048     | 76<br>102<br>11,457<br>10,639  |
| 2002 farms by inventory:         |   |                             |                                |                                |                            |                                |                                |                                |
| 1 to 9                           | farms<br>number                             | -<br>-                      | 2<br>(D)                       | 22<br>107                      | 3<br>8                     | 5<br>20                        | 3<br>7                         | 7<br>18                        |
| 10 to 19                         | farms<br>number                             | 1<br>1                      | 4<br>(D)                       | 10<br>135                      | 1<br>1                     | 9<br>151                       | 4<br>54                        | 4<br>51                        |
| 20 to 49                         | farms<br>number                             | 5<br>(D)                    | 10<br>273                      | 24<br>789                      | 2<br>1,497                 | 46<br>(D)                      | 9<br>1,497                     | 12<br>438                      |
| 50 to 99                         | farms<br>number                             | 3<br>(D)                    | 15<br>240                      | 16<br>1,046                    | 4<br>232                   | 39<br>2,810                    | 12<br>880                      | 16<br>880                      |
| 100 to 199                       | farms<br>number                             | -<br>-                      | 11<br>1,528                    | 11<br>1,394                    | 1<br>1                     | 25<br>3,393                    | 12<br>1,683                    | 21<br>2,887                    |
| 200 to 499                       | farms<br>number                             | -<br>-                      | 6<br>1,468                     | 9<br>2,740                     | -<br>-                     | 10<br>2,865                    | 3<br>1,060                     | 13<br>3,904                    |
| 500 or more                      | farms<br>number                             | -<br>-                      | 5<br>4,156                     | 3<br>5,160                     | -<br>-                     | 6<br>7,012                     | 1<br>(D)                       | 3<br>3,017                     |
| Other cattle (see text)          | farms, 2002<br>1997<br>number, 2002<br>1997 | 83<br>(NA)<br>3,050<br>(NA) | 205<br>(NA)<br>17,169<br>(NA)  | 337<br>(NA)<br>12,778<br>(NA)  | 45<br>(NA)<br>877<br>(NA)  | 397<br>(NA)<br>66,201<br>(NA)  | 212<br>(NA)<br>8,835<br>(NA)   | 368<br>(NA)<br>20,200<br>(NA)  |
| 2002 farms by inventory:         |   |                             |                                |                                |                            |                                |                                |                                |
| 1 to 9                           | farms<br>number                             | 27<br>106                   | 68<br>336                      | 152<br>638                     | 24<br>(D)                  | 59<br>277                      | 82<br>(D)                      | 139<br>587                     |
| 10 to 19                         | farms<br>number                             | 26<br>351                   | 37<br>482                      | 59<br>774                      | 10<br>132                  | 36<br>492                      | 51<br>661                      | 71<br>880                      |
| 20 to 49                         | farms<br>number                             | 17<br>509                   | 41<br>1,162                    | 76<br>2,253                    | 6<br>148                   | 108<br>3,320                   | 35<br>1,002                    | 61<br>1,827                    |
| 50 to 99                         | farms<br>number                             | 6<br>467                    | 21<br>1,439                    | 16<br>1,039                    | 3<br>225                   | 63<br>4,276                    | 17<br>1,271                    | 35<br>2,437                    |
| 100 to 199                       | farms<br>number                             | 3<br>462                    | 23<br>3,098                    | 21<br>2,776                    | 2<br>(D)                   | 68<br>9,397                    | 18<br>2,291                    | 36<br>4,723                    |
| 200 to 499                       | farms<br>number                             | 4<br>1,155                  | 10<br>2,924                    | 9<br>2,785                     | -<br>-                     | 46<br>13,006                   | 8<br>2,325                     | 21<br>5,660                    |
| 500 or more                      | farms<br>number                             | -<br>-                      | 5<br>7,728                     | 4<br>2,513                     | -<br>-                     | 17<br>35,433                   | 1<br>(D)                       | 5<br>4,086                     |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Iron  | Isabella | Jackson | Kalamazoo | Kalkaska | Kent   | Keweenaw | Lake  |
|----------------------------------|-------|----------|---------|-----------|----------|--------|----------|-------|
| <b>INVENTORY</b>                 |       |          |         |           |          |        |          |       |
| Cattle and calves                |       |          |         |           |          |        |          |       |
| farms, 2002                      | 42    | 339      | 309     | 137       | 50       | 323    | 5        | 71    |
| 1997                             | 53    | 445      | 390     | 173       | 49       | 430    | 4        | 79    |
| number, 2002                     | 1,653 | 25,349   | 22,937  | 12,655    | 895      | 27,576 | 76       | 2,257 |
| 1997                             | 2,118 | 30,580   | 22,242  | 12,956    | 1,142    | 28,637 | 36       | 2,448 |
| Farms by inventory:              |       |          |         |           |          |        |          |       |
| 1 to 9                           |       |          |         |           |          |        |          |       |
| farms, 2002                      | 6     | 83       | 101     | 49        | 23       | 100    | -        | 29    |
| 1997                             | 4     | 111      | 136     | 60        | 19       | 126    | 2        | 21    |
| number, 2002                     | (D)   | 396      | 446     | 240       | (D)      | 478    | -        | 129   |
| 1997                             | (D)   | 589      | 639     | 253       | (D)      | 589    | (D)      | 92    |
| 10 to 19                         |       |          |         |           |          |        |          |       |
| farms, 2002                      | 15    | 56       | 66      | 32        | 16       | 65     | 3        | 18    |
| 1997                             | 16    | 72       | 79      | 39        | 13       | 82     | 2        | 20    |
| number, 2002                     | 213   | 760      | 909     | 438       | 217      | 895    | (D)      | 282   |
| 1997                             | 226   | 1,011    | 1,112   | 547       | 185      | 1,088  | (D)      | 263   |
| 20 to 49                         |       |          |         |           |          |        |          |       |
| farms, 2002                      | 10    | 89       | 62      | 27        | 7        | 64     | 2        | 15    |
| 1997                             | 20    | 104      | 81      | 40        | 9        | 107    | -        | 25    |
| number, 2002                     | 346   | 2,824    | 1,962   | 903       | 208      | 1,959  | (D)      | 442   |
| 1997                             | 632   | 3,254    | 2,553   | 1,267     | 292      | 3,302  | -        | 713   |
| 50 to 99                         |       |          |         |           |          |        |          |       |
| farms, 2002                      | 9     | 46       | 27      | 12        | 3        | 37     | -        | 3     |
| 1997                             | 9     | 72       | 37      | 12        | 7        | 48     | -        | 9     |
| number, 2002                     | 680   | 3,208    | 1,847   | 700       | 206      | 2,434  | -        | 208   |
| 1997                             | 607   | 5,018    | 2,580   | 767       | 443      | 3,383  | -        | 561   |
| 100 to 199                       |       |          |         |           |          |        |          |       |
| farms, 2002                      | 1     | 35       | 27      | 7         | 1        | 29     | -        | 3     |
| 1997                             | 3     | 40       | 32      | 10        | 1        | 31     | -        | 2     |
| number, 2002                     | (D)   | 4,853    | 3,670   | 999       | (D)      | 4,168  | -        | 390   |
| 1997                             | 425   | 5,225    | 4,150   | 1,436     | (D)      | 4,296  | -        | (D)   |
| 200 to 499                       |       |          |         |           |          |        |          |       |
| farms, 2002                      | 1     | 23       | 21      | 4         | -        | 16     | -        | 3     |
| 1997                             | 1     | 42       | 20      | 6         | -        | 27     | -        | 2     |
| number, 2002                     | (D)   | 6,811    | 6,168   | 1,067     | -        | 5,049  | -        | 806   |
| 1997                             | (D)   | 12,121   | 6,044   | 1,559     | -        | 8,355  | -        | (D)   |
| 500 or more                      |       |          |         |           |          |        |          |       |
| farms, 2002                      | -     | 7        | 5       | 6         | -        | 12     | -        | -     |
| 1997                             | -     | 4        | 5       | 6         | -        | 9      | -        | -     |
| number, 2002                     | -     | 6,497    | 7,935   | 8,308     | -        | 12,593 | -        | -     |
| 1997                             | -     | 3,362    | 5,164   | 7,127     | -        | 7,624  | -        | -     |
| Cows and heifers that had calved |       |          |         |           |          |        |          |       |
| farms, 2002                      | 39    | 245      | 230     | 101       | 37       | 265    | 5        | 60    |
| 1997                             | 47    | 325      | 248     | 106       | 32       | 326    | 4        | 76    |
| number, 2002                     | 959   | 9,505    | 6,964   | 5,392     | 520      | 14,150 | (D)      | 1,039 |
| 1997                             | 1,153 | 12,995   | 6,802   | 5,240     | 610      | 12,297 | 19       | 1,324 |
| Beef cows                        |       |          |         |           |          |        |          |       |
| farms, 2002                      | 36    | 177      | 201     | 83        | 36       | 211    | 5        | 54    |
| 1997                             | 43    | 202      | 207     | 90        | 27       | 235    | 4        | 65    |
| number, 2002                     | 896   | 2,634    | 3,323   | 1,178     | (D)      | 3,047  | (D)      | 691   |
| 1997                             | 1,027 | 3,064    | 2,866   | 2,083     | 293      | 3,137  | 19       | 1,032 |
| 2002 farms by inventory:         |       |          |         |           |          |        |          |       |
| 1 to 9                           |       |          |         |           |          |        |          |       |
| farms                            | 14    | 76       | 106     | 46        | 21       | 100    | 2        | 30    |
| number                           | 92    | 353      | 465     | (D)       | (D)      | (D)    | (D)      | 121   |
| 10 to 19                         |       |          |         |           |          |        |          |       |
| farms                            | 6     | 54       | 43      | 21        | 11       | 67     | 3        | 17    |
| number                           | 88    | 734      | 556     | 285       | 163      | 879    | 36       | 234   |
| 20 to 49                         |       |          |         |           |          |        |          |       |
| farms                            | 13    | 39       | 35      | 14        | 4        | 32     | -        | 4     |
| number                           | 448   | 1,070    | 851     | 327       | 117      | 878    | -        | 97    |
| 50 to 99                         |       |          |         |           |          |        |          |       |
| farms                            | 2     | 8        | 14      | 1         | -        | 10     | -        | 2     |
| number                           | (D)   | 477      | 801     | (D)       | -        | 594    | -        | (D)   |
| 100 to 199                       |       |          |         |           |          |        |          |       |
| farms                            | 1     | -        | 2       | -         | -        | 2      | -        | 1     |
| number                           | (D)   | -        | (D)     | -         | -        | (D)    | -        | (D)   |
| 200 to 499                       |       |          |         |           |          |        |          |       |
| farms                            | -     | -        | 1       | 1         | -        | -      | -        | -     |
| number                           | -     | -        | (D)     | (D)       | -        | -      | -        | -     |
| 500 or more                      |       |          |         |           |          |        |          |       |
| farms                            | -     | -        | -       | -         | -        | -      | -        | -     |
| number                           | -     | -        | -       | -         | -        | -      | -        | -     |
| Milk cows                        |       |          |         |           |          |        |          |       |
| farms, 2002                      | 4     | 77       | 33      | 23        | 3        | 64     | -        | 7     |
| 1997                             | 5     | 132      | 47      | 17        | 9        | 101    | -        | 12    |
| number, 2002                     | 63    | 6,871    | 3,641   | 4,214     | (D)      | 11,103 | -        | 348   |
| 1997                             | 126   | 9,931    | 3,936   | 3,157     | 317      | 9,160  | -        | 292   |
| 2002 farms by inventory:         |       |          |         |           |          |        |          |       |
| 1 to 9                           |       |          |         |           |          |        |          |       |
| farms                            | 2     | 3        | 4       | 5         | 1        | 6      | -        | 3     |
| number                           | (D)   | 13       | (D)     | 16        | (D)      | 18     | -        | 4     |
| 10 to 19                         |       |          |         |           |          |        |          |       |
| farms                            | -     | 11       | 1       | 3         | -        | 5      | -        | -     |
| number                           | -     | (D)      | (D)     | 37        | -        | 65     | -        | -     |
| 20 to 49                         |       |          |         |           |          |        |          |       |
| farms                            | 2     | 26       | 5       | 2         | 1        | 12     | -        | 1     |
| number                           | (D)   | 929      | 201     | (D)       | (D)      | 422    | -        | (D)   |
| 50 to 99                         |       |          |         |           |          |        |          |       |
| farms                            | -     | 16       | 7       | 4         | -        | 19     | -        | 2     |
| number                           | -     | 1,105    | 500     | 268       | -        | 1,421  | -        | (D)   |
| 100 to 199                       |       |          |         |           |          |        |          |       |
| farms                            | -     | 16       | 10      | 5         | 1        | 9      | -        | 1     |
| number                           | -     | 2,210    | 1,342   | 593       | (D)      | 1,201  | -        | (D)   |
| 200 to 499                       |       |          |         |           |          |        |          |       |
| farms                            | -     | 3        | 6       | 2         | -        | 2,580  | -        | -     |
| number                           | -     | 804      | 1,577   | (D)       | -        | -      | -        | -     |
| 500 or more                      |       |          |         |           |          |        |          |       |
| farms                            | -     | 2        | -       | 2         | -        | 4      | -        | -     |
| number                           | -     | (D)      | -       | (D)       | -        | 5,396  | -        | -     |
| Other cattle (see text)          |       |          |         |           |          |        |          |       |
| farms, 2002                      | 41    | 316      | 267     | 125       | 39       | 253    | 2        | 55    |
| 1997                             | (NA)  | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| number, 2002                     | 694   | 15,844   | 15,973  | 7,263     | 375      | 13,426 | (D)      | 1,218 |
| 1997                             | (NA)  | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)  |
| 2002 farms by inventory:         |       |          |         |           |          |        |          |       |
| 1 to 9                           |       |          |         |           |          |        |          |       |
| farms                            | 26    | 113      | 109     | 67        | 26       | 93     | -        | 28    |
| number                           | 132   | 503      | 469     | 297       | 87       | 401    | -        | 108   |
| 10 to 19                         |       |          |         |           |          |        |          |       |
| farms                            | 5     | 62       | 52      | 20        | 7        | 49     | 2        | 12    |
| number                           | (D)   | 850      | 719     | (D)       | (D)      | 656    | (D)      | 171   |
| 20 to 49                         |       |          |         |           |          |        |          |       |
| farms                            | 5     | 65       | 48      | 21        | 5        | 48     | -        | 11    |
| number                           | 140   | 1,914    | 1,389   | 622       | 150      | 1,318  | -        | 366   |
| 50 to 99                         |       |          |         |           |          |        |          |       |
| farms                            | 4     | 33       | 24      | 7         | 1        | 27     | -        | 1     |
| number                           | 202   | 2,250    | 1,570   | 483       | (D)      | 1,893  | -        | (D)   |
| 100 to 199                       |       |          |         |           |          |        |          |       |
| farms                            | 1     | 31       | 20      | 6         | -        | 20     | -        | 2     |
| number                           | (D)   | 4,432    | 2,550   | 772       | -        | 2,481  | -        | (D)   |
| 200 to 499                       |       |          |         |           |          |        |          |       |
| farms                            | -     | 8        | 11      | 1         | -        | 12     | -        | 1     |
| number                           | -     | 2,688    | 3,055   | (D)       | -        | 3,372  | -        | (D)   |
| 500 or more                      |       |          |         |           |          |        |          |       |
| farms                            | -     | 4        | 3       | 3         | -        | 4      | -        | -     |
| number                           | -     | 3,207    | 6,221   | 4,528     | -        | 3,305  | -        | -     |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Lapeer | Leelanau | Lenawee | Livingston | Luce  | Mackinac | Macomb | Manistee |
|----------------------------------|--------|----------|---------|------------|-------|----------|--------|----------|
| <b>INVENTORY</b>                 |        |          |         |            |       |          |        |          |
| Cattle and calves                |        |          |         |            |       |          |        |          |
| farms, 2002                      | 374    | 52       | 233     | 177        | 11    | 29       | 58     | 86       |
| 1997                             | 481    | 75       | 325     | 229        | 13    | 48       | 108    | 106      |
| number, 2002                     | 18,258 | 3,290    | 23,230  | 8,127      | 1,027 | 2,970    | 3,975  | 2,381    |
| 1997                             | 24,073 | 5,372    | 20,300  | 11,248     | 1,073 | 2,918    | 3,485  | 2,604    |
| Farms by inventory:              |        |          |         |            |       |          |        |          |
| 1 to 9                           |        |          |         |            |       |          |        |          |
| farms, 2002                      | 126    | 14       | 86      | 74         | -     | 10       | 14     | 19       |
| 1997                             | 147    | 16       | 121     | 80         | 1     | 10       | 40     | 36       |
| number, 2002                     | 651    | 64       | 351     | 361        | -     | 49       | 68     | (D)      |
| 1997                             | 714    | 84       | 555     | (D)        | (D)   | 52       | 198    | 189      |
| 10 to 19                         |        |          |         |            |       |          |        |          |
| farms, 2002                      | 60     | 3        | 40      | 29         | 1     | 3        | 17     | 29       |
| 1997                             | 105    | 16       | 67      | 40         | 2     | 4        | 22     | 26       |
| number, 2002                     | 800    | 34       | 537     | (D)        | (D)   | 50       | (D)    | 371      |
| 1997                             | 1,437  | 231      | 903     | 545        | (D)   | 53       | 276    | 350      |
| 20 to 49                         |        |          |         |            |       |          |        |          |
| farms, 2002                      | 93     | 15       | 44      | 40         | 4     | 5        | 14     | 26       |
| 1997                             | 111    | 20       | 59      | 50         | 4     | 19       | 32     | 30       |
| number, 2002                     | (D)    | (D)      | 1,270   | 1,215      | 152   | 152      | 447    | 795      |
| 1997                             | 3,406  | 632      | 1,759   | 1,551      | 137   | 586      | 975    | 905      |
| 50 to 99                         |        |          |         |            |       |          |        |          |
| farms, 2002                      | 47     | 12       | 17      | 17         | 1     | 2        | 6      | 6        |
| 1997                             | 68     | 13       | 19      | 32         | 3     | 9        | 5      | 11       |
| number, 2002                     | 3,295  | 805      | 1,095   | 1,069      | (D)   | (D)      | 371    | 377      |
| 1997                             | 4,623  | 803      | 1,332   | 2,013      | 273   | 622      | 375    | 727      |
| 100 to 199                       |        |          |         |            |       |          |        |          |
| farms, 2002                      | 32     | 6        | 17      | 8          | 3     | 5        | 2      | 5        |
| 1997                             | 30     | 7        | 34      | 15         | 2     | 3        | 4      | 3        |
| number, 2002                     | 4,057  | 845      | 2,087   | 1,106      | 342   | 600      | (D)    | 548      |
| 1997                             | 3,988  | 922      | 4,942   | 2,251      | (D)   | 335      | 529    | 433      |
| 200 to 499                       |        |          |         |            |       |          |        |          |
| farms, 2002                      | 14     | 1        | 15      | 7          | 2     | 1        | 4      | 1        |
| 1997                             | 15     | 1        | 18      | 10         | 1     | 1        | 5      | -        |
| number, 2002                     | 4,038  | (D)      | 4,225   | 2,031      | (D)   | (D)      | 900    | (D)      |
| 1997                             | 4,006  | (D)      | 5,571   | 2,962      | (D)   | (D)      | 1,132  | -        |
| 500 or more                      |        |          |         |            |       |          |        |          |
| farms, 2002                      | 2      | 1        | 14      | 2          | -     | 3        | 1      | -        |
| 1997                             | 5      | 2        | 7       | 2          | -     | 2        | -      | -        |
| number, 2002                     | (D)    | (D)      | 13,665  | (D)        | -     | 1,771    | (D)    | -        |
| 1997                             | 5,899  | (D)      | 5,238   | (D)        | -     | (D)      | -      | -        |
| Cows and heifers that had calved |        |          |         |            |       |          |        |          |
| farms, 2002                      | 296    | 38       | 135     | 131        | 9     | 26       | 49     | 73       |
| 1997                             | 357    | 52       | 178     | 158        | 13    | 40       | 72     | 83       |
| number, 2002                     | 7,093  | 866      | 11,640  | 3,674      | 340   | 1,221    | 1,026  | 1,129    |
| 1997                             | 8,536  | 1,128    | 6,608   | 4,314      | 433   | 1,440    | 1,545  | 923      |
| Beef cows                        |        |          |         |            |       |          |        |          |
| farms, 2002                      | 233    | 28       | 98      | 112        | 9     | 23       | 41     | 68       |
| 1997                             | 262    | 40       | 124     | 117        | 13    | 29       | 58     | 74       |
| number, 2002                     | 2,696  | 382      | 1,499   | 1,098      | 340   | 436      | 372    | 997      |
| 1997                             | 2,709  | 611      | 1,257   | 1,305      | 433   | 661      | 653    | 770      |
| 2002 farms by inventory:         |        |          |         |            |       |          |        |          |
| 1 to 9                           |        |          |         |            |       |          |        |          |
| farms                            | 132    | 14       | 59      | 69         | 3     | 12       | 31     | 29       |
| number                           | 580    | (D)      | 274     | (D)        | 16    | 52       | 134    | (D)      |
| 10 to 19                         |        |          |         |            |       |          |        |          |
| farms                            | 54     | 7        | 16      | 27         | 1     | 4        | 4      | 25       |
| number                           | 724    | 89       | (D)     | 351        | (D)   | 55       | (D)    | 316      |
| 20 to 49                         |        |          |         |            |       |          |        |          |
| farms                            | 44     | 6        | 17      | 15         | 3     | 3        | 5      | 10       |
| number                           | 1,237  | 172      | 461     | 411        | 95    | 87       | 133    | 259      |
| 50 to 99                         |        |          |         |            |       |          |        |          |
| farms                            | 3      | 1        | 5       | 1          | 1     | 4        | 1      | 3        |
| number                           | 155    | (D)      | 276     | (D)        | (D)   | 242      | (D)    | 185      |
| 100 to 199                       |        |          |         |            |       |          |        |          |
| farms                            | -      | -        | -       | -          | 1     | -        | -      | 1        |
| number                           | -      | -        | -       | -          | (D)   | -        | -      | (D)      |
| 200 to 499                       |        |          |         |            |       |          |        |          |
| farms                            | -      | -        | 1       | -          | -     | -        | -      | -        |
| number                           | -      | -        | (D)     | -          | -     | -        | -      | -        |
| 500 or more                      |        |          |         |            |       |          |        |          |
| farms                            | -      | -        | -       | -          | -     | -        | -      | -        |
| number                           | -      | -        | -       | -          | -     | -        | -      | -        |
| Milk cows                        |        |          |         |            |       |          |        |          |
| farms, 2002                      | 79     | 12       | 38      | 24         | -     | 6        | 13     | 6        |
| 1997                             | 105    | 13       | 56      | 49         | -     | 13       | 16     | 10       |
| number, 2002                     | 4,397  | 484      | 10,141  | 2,576      | -     | 785      | 654    | 132      |
| 1997                             | 5,827  | 517      | 5,351   | 3,009      | -     | 779      | 892    | 153      |
| 2002 farms by inventory:         |        |          |         |            |       |          |        |          |
| 1 to 9                           |        |          |         |            |       |          |        |          |
| farms                            | 17     | 3        | 3       | 7          | -     | -        | 2      | 1        |
| number                           | (D)    | 12       | 10      | 21         | -     | -        | (D)    | (D)      |
| 10 to 19                         |        |          |         |            |       |          |        |          |
| farms                            | 1      | 3        | 3       | 1          | -     | -        | 2      | -        |
| number                           | (D)    | (D)      | 46      | (D)        | -     | -        | (D)    | -        |
| 20 to 49                         |        |          |         |            |       |          |        |          |
| farms                            | 20     | 1        | 4       | 3          | -     | 1        | 4      | 5        |
| number                           | 613    | (D)      | 122     | 114        | -     | (D)      | 120    | (D)      |
| 50 to 99                         |        |          |         |            |       |          |        |          |
| farms                            | 31     | 4        | 9       | 3          | -     | 2        | 1      | -        |
| number                           | 2,079  | 249      | 525     | 194        | -     | (D)      | (D)    | -        |
| 100 to 199                       |        |          |         |            |       |          |        |          |
| farms                            | 8      | 1        | 11      | 7          | -     | 1        | 4      | -        |
| number                           | 989    | (D)      | 1,595   | 964        | -     | (D)      | 445    | -        |
| 200 to 499                       |        |          |         |            |       |          |        |          |
| farms                            | 2      | -        | 3       | 2          | -     | 2        | -      | -        |
| number                           | (D)    | -        | 990     | (D)        | -     | (D)      | -      | -        |
| 500 or more                      |        |          |         |            |       |          |        |          |
| farms                            | -      | -        | 5       | 1          | -     | -        | -      | -        |
| number                           | -      | -        | 6,853   | (D)        | -     | -        | -      | -        |
| Other cattle (see text)          |        |          |         |            |       |          |        |          |
| farms, 2002                      | 323    | 45       | 210     | 144        | 11    | 23       | 51     | 74       |
| 1997                             | (NA)   | (NA)     | (NA)    | (NA)       | (NA)  | (NA)     | (NA)   | (NA)     |
| number, 2002                     | 11,165 | 2,424    | 11,590  | 4,453      | 687   | 1,749    | 2,949  | 1,252    |
| 1997                             | (NA)   | (NA)     | (NA)    | (NA)       | (NA)  | (NA)     | (NA)   | (NA)     |
| 2002 farms by inventory:         |        |          |         |            |       |          |        |          |
| 1 to 9                           |        |          |         |            |       |          |        |          |
| farms                            | 129    | 13       | 91      | 66         | 1     | 5        | 24     | 39       |
| number                           | (D)    | 55       | 363     | 302        | (D)   | (D)      | 133    | 178      |
| 10 to 19                         |        |          |         |            |       |          |        |          |
| farms                            | 67     | 7        | 33      | 31         | -     | 7        | 10     | 16       |
| number                           | 914    | 98       | 416     | 425        | -     | 88       | 130    | 221      |
| 20 to 49                         |        |          |         |            |       |          |        |          |
| farms                            | 70     | 15       | 40      | 23         | 5     | 3        | 9      | 15       |
| number                           | 2,065  | 459      | 1,228   | 675        | (D)   | 84       | (D)    | 432      |
| 50 to 99                         |        |          |         |            |       |          |        |          |
| farms                            | 36     | 5        | 16      | 13         | 3     | 3        | 3      | 2        |
| number                           | 2,403  | (D)      | 1,020   | 817        | 172   | 191      | 217    | (D)      |
| 100 to 199                       |        |          |         |            |       |          |        |          |
| farms                            | 15     | 4        | 15      | 8          | 1     | 2        | 4      | 1        |
| number                           | 1,926  | 586      | 2,143   | 1,135      | (D)   | (D)      | 470    | (D)      |
| 200 to 499                       |        |          |         |            |       |          |        |          |
| farms                            | 5      | -        | 10      | 2          | 1     | 3        | -      | 1        |
| number                           | 1,517  | -        | 2,967   | (D)        | (D)   | 1,088    | -      | (D)      |
| 500 or more                      |        |          |         |            |       |          |        |          |
| farms                            | 1      | 1        | 5       | 1          | -     | -        | 1      | -        |
| number                           | (D)    | (D)      | 3,453   | (D)        | -     | -        | (D)    | -        |

--continued

**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Marquette | Mason | Mecosta | Menominee | Midland | Missaukee | Monroe | Montcalm |
|----------------------------------|-----------|-------|---------|-----------|---------|-----------|--------|----------|
| <b>INVENTORY</b>                 |           |       |         |           |         |           |        |          |
| Cattle and calves                |           |       |         |           |         |           |        |          |
| farms, 2002                      | 48        | 138   | 346     | 171       | 122     | 179       | 154    | 366      |
| 1997                             | 56        | 178   | 341     | 215       | 158     | 186       | 213    | 480      |
| number, 2002                     | 2,692     | 7,930 | 15,383  | 18,077    | 5,634   | 23,121    | 4,777  | 25,157   |
| 1997                             | 2,618     | 9,500 | 16,322  | 18,677    | 4,911   | 23,775    | 5,618  | 22,061   |
| Farms by inventory:              |           |       |         |           |         |           |        |          |
| 1 to 9                           |           |       |         |           |         |           |        |          |
| farms, 2002                      | 18        | 45    | 84      | 23        | 34      | 40        | 86     | 94       |
| 1997                             | 26        | 51    | 60      | 30        | 60      | 35        | 117    | 149      |
| number, 2002                     | 67        | 238   | 447     | 125       | 191     | 194       | 405    | 444      |
| 1997                             | 138       | (D)   | (D)     | 167       | 304     | 199       | 477    | 641      |
| 10 to 19                         |           |       |         |           |         |           |        |          |
| farms, 2002                      | 12        | 29    | 80      | 21        | 35      | 23        | 22     | 77       |
| 1997                             | 11        | 37    | 68      | 38        | 42      | 22        | 46     | 109      |
| number, 2002                     | 181       | (D)   | 1,099   | 251       | 492     | 324       | 267    | 1,017    |
| 1997                             | 140       | 514   | 987     | 508       | 581     | 282       | 603    | 1,444    |
| 20 to 49                         |           |       |         |           |         |           |        |          |
| farms, 2002                      | 8         | 28    | 113     | 38        | 36      | 28        | 22     | 82       |
| 1997                             | 9         | 39    | 119     | 46        | 35      | 31        | 23     | 111      |
| number, 2002                     | 232       | 828   | 3,585   | 1,098     | 1,066   | 835       | 667    | 2,531    |
| 1997                             | 288       | 1,124 | 3,712   | 1,391     | 945     | 985       | 646    | 3,301    |
| 50 to 99                         |           |       |         |           |         |           |        |          |
| farms, 2002                      | 2         | 13    | 35      | 25        | 7       | 20        | 13     | 48       |
| 1997                             | 3         | 26    | 59      | 45        | 16      | 21        | 9      | 48       |
| number, 2002                     | (D)       | 832   | 2,431   | 1,938     | 472     | 1,536     | 806    | 3,331    |
| 1997                             | 194       | 1,819 | 3,996   | 3,286     | 1,091   | 1,573     | 555    | 3,257    |
| 100 to 199                       |           |       |         |           |         |           |        |          |
| farms, 2002                      | 5         | 13    | 22      | 37        | 6       | 28        | 5      | 34       |
| 1997                             | 4         | 15    | 19      | 29        | 1       | 34        | 13     | 36       |
| number, 2002                     | 737       | 1,627 | 3,183   | 4,865     | 798     | 3,981     | 757    | 4,611    |
| 1997                             | 475       | 1,882 | 2,492   | 4,253     | (D)     | 4,752     | 1,812  | 4,934    |
| 200 to 499                       |           |       |         |           |         |           |        |          |
| farms, 2002                      | 2         | 9     | 9       | 22        | 2       | 31        | 6      | 26       |
| 1997                             | 2         | 8     | 15      | 23        | 2       | 36        | 5      | 27       |
| number, 2002                     | (D)       | 3,004 | 2,830   | 6,500     | (D)     | 8,998     | 1,875  | 7,712    |
| 1997                             | (D)       | 2,518 | 4,271   | 6,894     | (D)     | 10,391    | 1,525  | 8,484    |
| 500 or more                      |           |       |         |           |         |           |        |          |
| farms, 2002                      | 1         | 1     | 3       | 5         | 2       | 9         | -      | 5        |
| 1997                             | 1         | 2     | 1       | 4         | 2       | 7         | -      | -        |
| number, 2002                     | (D)       | (D)   | 1,808   | 3,300     | (D)     | 7,253     | -      | 5,511    |
| 1997                             | (D)       | (D)   | 2,178   | (D)       | 5,593   | -         | -      | -        |
| Cows and heifers that had calved |           |       |         |           |         |           |        |          |
| farms, 2002                      | 38        | 114   | 288     | 157       | 101     | 154       | 76     | 291      |
| 1997                             | 44        | 126   | 294     | 195       | 122     | 153       | 91     | 333      |
| number, 2002                     | 1,190     | 3,462 | 7,008   | 9,006     | 3,175   | 11,014    | 1,261  | 12,546   |
| 1997                             | 1,369     | 3,731 | 8,064   | 8,496     | 1,903   | 11,355    | 1,292  | 9,657    |
| Beef cows                        |           |       |         |           |         |           |        |          |
| farms, 2002                      | 31        | 87    | 185     | 91        | 90      | 87        | 67     | 194      |
| 1997                             | 39        | 77    | 174     | 117       | 110     | 70        | 71     | 218      |
| number, 2002                     | 472       | 1,130 | 2,648   | 1,898     | 1,199   | 1,325     | 732    | 2,361    |
| 1997                             | 580       | 788   | 2,683   | 2,204     | 1,189   | 1,053     | 576    | 2,142    |
| 2002 farms by inventory:         |           |       |         |           |         |           |        |          |
| 1 to 9                           |           |       |         |           |         |           |        |          |
| farms                            | 15        | 49    | 95      | 38        | 44      | 44        | 41     | 106      |
| number                           | (D)       | (D)   | 446     | (D)       | 240     | (D)       | 167    | 466      |
| 10 to 19                         |           |       |         |           |         |           |        |          |
| farms                            | 10        | 24    | 53      | 26        | 33      | 21        | 16     | 53       |
| number                           | 158       | 346   | 712     | 357       | 435     | 235       | 219    | 687      |
| 20 to 49                         |           |       |         |           |         |           |        |          |
| farms                            | 4         | 13    | 32      | 14        | 9       | 15        | 7      | 31       |
| number                           | 86        | 325   | 973     | 422       | 294     | 377       | 191    | 833      |
| 50 to 99                         |           |       |         |           |         |           |        |          |
| farms                            | 2         | -     | 3       | 12        | 4       | 6         | 3      | 2        |
| number                           | (D)       | -     | (D)     | 780       | 230     | 368       | 155    | (D)      |
| 100 to 199                       |           |       |         |           |         |           |        |          |
| farms                            | -         | -     | 2       | 1         | -       | 1         | -      | 2        |
| number                           | -         | -     | (D)     | (D)       | -       | (D)       | -      | (D)      |
| 200 to 499                       |           |       |         |           |         |           |        |          |
| farms                            | -         | 1     | -       | -         | -       | -         | -      | -        |
| number                           | -         | (D)   | -       | -         | -       | -         | -      | -        |
| 500 or more                      |           |       |         |           |         |           |        |          |
| farms                            | -         | -     | -       | -         | -       | -         | -      | -        |
| number                           | -         | -     | -       | -         | -       | -         | -      | -        |
| Milk cows                        |           |       |         |           |         |           |        |          |
| farms, 2002                      | 9         | 29    | 111     | 72        | 13      | 74        | 10     | 113      |
| 1997                             | 7         | 52    | 131     | 87        | 14      | 92        | 21     | 123      |
| number, 2002                     | 718       | 2,332 | 4,360   | 7,108     | 1,976   | 9,689     | 529    | 10,185   |
| 1997                             | 789       | 2,943 | 5,381   | 6,292     | 714     | 10,302    | 716    | 7,515    |
| 2002 farms by inventory:         |           |       |         |           |         |           |        |          |
| 1 to 9                           |           |       |         |           |         |           |        |          |
| farms                            | 5         | 3     | 27      | -         | 3       | 7         | 4      | 22       |
| number                           | 8         | (D)   | (D)     | -         | 5       | 36        | 5      | 86       |
| 10 to 19                         |           |       |         |           |         |           |        |          |
| farms                            | -         | 1     | 30      | 2         | 2       | 2         | -      | 6        |
| number                           | -         | (D)   | 392     | (D)       | (D)     | (D)       | -      | 79       |
| 20 to 49                         |           |       |         |           |         |           |        |          |
| farms                            | -         | 10    | 27      | 16        | 2       | 5         | 2      | 23       |
| number                           | -         | 318   | 785     | (D)       | (D)     | (D)       | (D)    | (D)      |
| 50 to 99                         |           |       |         |           |         |           |        |          |
| farms                            | 1         | 6     | 14      | 33        | 2       | 23        | 1      | 36       |
| number                           | (D)       | 438   | 953     | 2,229     | (D)     | 1,654     | (D)    | 2,479    |
| 100 to 199                       |           |       |         |           |         |           |        |          |
| farms                            | 2         | 6     | 11      | 15        | 2       | 26        | 3      | 20       |
| number                           | (D)       | 795   | 1,509   | 2,082     | (D)     | 3,706     | 397    | 2,696    |
| 200 to 499                       |           |       |         |           |         |           |        |          |
| farms                            | 1         | 3     | 2       | 5         | -       | 9         | -      | 4        |
| number                           | (D)       | 759   | (D)     | 1,685     | -       | 2,749     | -      | 1,149    |
| 500 or more                      |           |       |         |           |         |           |        |          |
| farms                            | -         | -     | -       | 1         | 2       | 2         | -      | 2        |
| number                           | -         | -     | -       | (D)       | (D)     | (D)       | -      | (D)      |
| Other cattle (see text)          |           |       |         |           |         |           |        |          |
| farms, 2002                      | 41        | 121   | 319     | 154       | 105     | 160       | 137    | 320      |
| 1997                             | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| number, 2002                     | 1,502     | 4,468 | 8,375   | 9,071     | 2,459   | 12,107    | 3,516  | 12,611   |
| 1997                             | (NA)      | (NA)  | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| 2002 farms by inventory:         |           |       |         |           |         |           |        |          |
| 1 to 9                           |           |       |         |           |         |           |        |          |
| farms                            | 23        | 52    | 132     | 33        | 50      | 46        | 89     | 118      |
| number                           | (D)       | (D)   | 670     | 184       | 239     | 201       | 349    | 62       |
| 10 to 19                         |           |       |         |           |         |           |        |          |
| farms                            | 8         | 28    | 80      | 28        | 27      | 18        | 14     | 83       |
| number                           | 102       | 363   | 1,045   | 390       | 355     | 240       | 167    | 839      |
| 20 to 49                         |           |       |         |           |         |           |        |          |
| farms                            | 2         | 19    | 68      | 28        | 19      | 29        | 17     | 72       |
| number                           | (D)       | 609   | 1,930   | 947       | 531     | 985       | 479    | 2,117    |
| 50 to 99                         |           |       |         |           |         |           |        |          |
| farms                            | 3         | 10    | 22      | 34        | 4       | 26        | 8      | 33       |
| number                           | 268       | 666   | 1,494   | 2,190     | (D)     | 1,800     | 501    | 2,334    |
| 100 to 199                       |           |       |         |           |         |           |        |          |
| farms                            | 4         | 5     | 11      | 22        | 3       | 25        | 5      | 23       |
| number                           | 530       | 619   | 1,403   | 2,994     | 310     | 3,511     | 685    | 3,236    |
| 200 to 499                       |           |       |         |           |         |           |        |          |
| farms                            | 1         | 6     | 6       | 9         | 2       | 13        | 4      | 11       |
| number                           | (D)       | 1,275 | 1,833   | 2,366     | (D)     | 3,494     | 1,335  | 3,018    |
| 500 or more                      |           |       |         |           |         |           |        |          |
| farms                            | -         | 1     | -       | -         | -       | 3         | -      | 1        |
| number                           | -         | (D)   | -       | -         | -       | 1,876     | -      | (D)      |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Montmorency | Muskegon | Newaygo | Oakland | Oceana | Ogemaw | Ontonagon | Osceola |
|----------------------------------|-------------|----------|---------|---------|--------|--------|-----------|---------|
| <b>INVENTORY</b>                 |             |          |         |         |        |        |           |         |
| Cattle and calves                |             |          |         |         |        |        |           |         |
| farms, 2002                      | 73          | 154      | 366     | 68      | 163    | 136    | 43        | 287     |
| 1997                             | 80          | 151      | 394     | 99      | 181    | 182    | 54        | 351     |
| number, 2002                     | 2,702       | 11,519   | 26,336  | 1,034   | 9,413  | 14,756 | 3,077     | 18,072  |
| 1997                             | 3,159       | 14,045   | 22,943  | 1,985   | 11,671 | 21,239 | 3,199     | 20,626  |
| Farms by inventory:              |             |          |         |         |        |        |           |         |
| 1 to 9                           |             |          |         |         |        |        |           |         |
| farms, 2002                      | 29          | 62       | 131     | 39      | 50     | 19     | 12        | 71      |
| 1997                             | 22          | 35       | 112     | 46      | 41     | 35     | 7         | 79      |
| number, 2002                     | 138         | 327      | 617     | 173     | 211    | 96     | 48        | 360     |
| 1997                             | (D)         | 183      | 543     | 195     | 201    | 177    | 43        | 375     |
| 10 to 19                         |             |          |         |         |        |        |           |         |
| farms, 2002                      | 14          | 23       | 69      | 10      | 33     | 31     | 7         | 53      |
| 1997                             | 12          | 45       | 69      | 20      | 44     | 25     | 6         | 78      |
| number, 2002                     | 210         | 333      | 959     | (D)     | 439    | 402    | 101       | 724     |
| 1997                             | 179         | 669      | 954     | 229     | 606    | 364    | 92        | 1,150   |
| 20 to 49                         |             |          |         |         |        |        |           |         |
| farms, 2002                      | 14          | 32       | 65      | 17      | 38     | 28     | 6         | 76      |
| 1997                             | 30          | 28       | 102     | 24      | 42     | 43     | 23        | 86      |
| number, 2002                     | 378         | (D)      | 1,945   | 459     | 1,160  | 844    | 202       | 2,147   |
| 1997                             | 993         | 930      | 3,249   | 697     | 1,302  | 1,248  | 729       | 2,677   |
| 50 to 99                         |             |          |         |         |        |        |           |         |
| farms, 2002                      | 9           | 16       | 41      | -       | 20     | 17     | 5         | 39      |
| 1997                             | 11          | 14       | 51      | 6       | 32     | 25     | 7         | 54      |
| number, 2002                     | 652         | (D)      | 2,704   | -       | 1,330  | 1,100  | 339       | 2,664   |
| 1997                             | 829         | 1,092    | 3,618   | 416     | 2,217  | 1,757  | 570       | 3,760   |
| 100 to 199                       |             |          |         |         |        |        |           |         |
| farms, 2002                      | 4           | 11       | 31      | 2       | 10     | 15     | 7         | 21      |
| 1997                             | 2           | 18       | 29      | 3       | 11     | 24     | 8         | 27      |
| number, 2002                     | 504         | 1,567    | 4,176   | (D)     | 1,211  | 2,145  | 845       | 2,715   |
| 1997                             | (D)         | 2,574    | 3,786   | 448     | 1,511  | 3,348  | 1,005     | 3,536   |
| 200 to 499                       |             |          |         |         |        |        |           |         |
| farms, 2002                      | 3           | 8        | 20      | -       | 9      | 22     | 6         | 24      |
| 1997                             | 3           | 7        | 27      | -       | 8      | 26     | 3         | 24      |
| number, 2002                     | 820         | 2,506    | 6,664   | -       | 2,202  | 6,363  | 1,542     | 7,042   |
| 1997                             | 810         | 2,399    | 7,761   | -       | 2,510  | 7,809  | 760       | 6,952   |
| 500 or more                      |             |          |         |         |        |        |           |         |
| farms, 2002                      | -           | 2        | 9       | -       | 3      | 4      | -         | 3       |
| 1997                             | -           | 4        | 4       | -       | 3      | 4      | -         | 3       |
| number, 2002                     | -           | (D)      | 9,271   | -       | 2,860  | 3,806  | -         | 2,420   |
| 1997                             | -           | 6,198    | 3,012   | -       | 3,324  | 6,536  | -         | 2,176   |
| Cows and heifers that had calved |             |          |         |         |        |        |           |         |
| farms, 2002                      | 61          | 112      | 277     | 52      | 120    | 114    | 34        | 256     |
| 1997                             | 64          | 115      | 300     | 70      | 131    | 138    | 51        | 286     |
| number, 2002                     | 1,269       | 6,246    | 13,922  | 508     | 3,870  | 6,581  | 1,371     | 9,160   |
| 1997                             | 1,465       | 7,365    | 10,625  | 924     | 4,265  | 7,430  | 1,777     | 10,095  |
| Beef cows                        |             |          |         |         |        |        |           |         |
| farms, 2002                      | 54          | 87       | 198     | 46      | 95     | 80     | 27        | 204     |
| 1997                             | 49          | 75       | 184     | 65      | 86     | 85     | 38        | 211     |
| number, 2002                     | 615         | 829      | 2,134   | 364     | 1,005  | 1,645  | 781       | 4,204   |
| 1997                             | 759         | 675      | 1,800   | 618     | 989    | 1,725  | 1,078     | 4,171   |
| 2002 farms by inventory:         |             |          |         |         |        |        |           |         |
| 1 to 9                           |             |          |         |         |        |        |           |         |
| farms                            | 29          | 56       | 121     | 32      | 60     | 40     | 10        | 82      |
| number                           | (D)         | 249      | 552     | 134     | 239    | 227    | (D)       | 386     |
| 10 to 19                         |             |          |         |         |        |        |           |         |
| farms                            | 15          | 20       | 48      | 8       | 18     | 13     | 7         | 66      |
| number                           | 188         | 251      | 612     | 97      | (D)    | (D)    | 96        | 827     |
| 20 to 49                         |             |          |         |         |        |        |           |         |
| farms                            | 9           | 11       | 25      | 6       | 16     | 18     | 6         | 43      |
| number                           | 249         | 329      | 695     | 133     | 437    | 548    | 197       | 1,329   |
| 50 to 99                         |             |          |         |         |        |        |           |         |
| farms                            | 1           | -        | 3       | -       | -      | 7      | 1         | 7       |
| number                           | (D)         | -        | (D)     | -       | -      | 443    | (D)       | (D)     |
| 100 to 199                       |             |          |         |         |        |        |           |         |
| farms                            | -           | -        | 1       | -       | 1      | 2      | 2         | 5       |
| number                           | -           | -        | (D)     | -       | (D)    | (D)    | 390       | 714     |
| 200 to 499                       |             |          |         |         |        |        |           |         |
| farms                            | -           | -        | -       | -       | -      | -      | -         | -       |
| number                           | -           | -        | -       | -       | -      | -      | -         | -       |
| 500 or more                      |             |          |         |         |        |        |           |         |
| farms                            | -           | -        | -       | -       | -      | -      | -         | 1       |
| number                           | -           | -        | -       | -       | -      | -      | -         | (D)     |
| Milk cows                        |             |          |         |         |        |        |           |         |
| farms, 2002                      | 12          | 32       | 88      | 7       | 30     | 37     | 12        | 68      |
| 1997                             | 16          | 43       | 132     | 11      | 47     | 60     | 18        | 89      |
| number, 2002                     | 654         | 5,417    | 11,788  | 144     | 2,865  | 4,936  | 590       | 4,956   |
| 1997                             | 706         | 6,690    | 8,825   | 306     | 3,276  | 5,705  | 699       | 5,924   |
| 2002 farms by inventory:         |             |          |         |         |        |        |           |         |
| 1 to 9                           |             |          |         |         |        |        |           |         |
| farms                            | 4           | 8        | 3       | 5       | 3      | 3      | 4         | 15      |
| number                           | (D)         | 30       | 3       | (D)     | 3      | (D)    | (D)       | 22      |
| 10 to 19                         |             |          |         |         |        |        |           |         |
| farms                            | -           | 1        | 6       | -       | 1      | -      | -         | 1       |
| number                           | -           | (D)      | 104     | -       | (D)    | -      | -         | (D)     |
| 20 to 49                         |             |          |         |         |        |        |           |         |
| farms                            | 2           | 5        | 31      | -       | 13     | 2      | 2         | 13      |
| number                           | (D)         | 173      | (D)     | -       | 485    | (D)    | (D)       | (D)     |
| 50 to 99                         |             |          |         |         |        |        |           |         |
| farms                            | 3           | 9        | 21      | 2       | 7      | 8      | 3         | 18      |
| number                           | 211         | (D)      | 1,457   | (D)     | 444    | 534    | 157       | 1,239   |
| 100 to 199                       |             |          |         |         |        |        |           |         |
| farms                            | 3           | 7        | 13      | -       | 2      | 16     | 3         | 19      |
| number                           | 394         | 1,053    | 1,820   | -       | (D)    | 2,309  | 356       | 2,645   |
| 200 to 499                       |             |          |         |         |        |        |           |         |
| farms                            | -           | 1        | 12      | -       | 3      | 8      | 2         | 2       |
| number                           | -           | (D)      | 3,345   | -       | 753    | 2,001  | -         | (D)     |
| 500 or more                      |             |          |         |         |        |        |           |         |
| farms                            | -           | 1        | 2       | -       | 1      | -      | -         | -       |
| number                           | -           | (D)      | (D)     | -       | (D)    | -      | -         | -       |
| Other cattle (see text)          |             |          |         |         |        |        |           |         |
| farms, 2002                      | 60          | 136      | 316     | 46      | 150    | 119    | 42        | 263     |
| 1997                             | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| number, 2002                     | 1,433       | 5,273    | 12,414  | 526     | 5,543  | 8,175  | 1,706     | 8,912   |
| 1997                             | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| 2002 farms by inventory:         |             |          |         |         |        |        |           |         |
| 1 to 9                           |             |          |         |         |        |        |           |         |
| farms                            | 31          | 59       | 151     | 29      | 65     | 29     | 18        | 108     |
| number                           | 141         | 636      | 128     | (D)     | 166    | (D)    | (D)       | 62      |
| 10 to 19                         |             |          |         |         |        |        |           |         |
| farms                            | 10          | 24       | 41      | 11      | 23     | 30     | 3         | 796     |
| number                           | 131         | 335      | (D)     | 143     | (D)    | (D)    | 30        | 796     |
| 20 to 49                         |             |          |         |         |        |        |           |         |
| farms                            | 7           | 26       | 62      | 4       | 38     | 20     | 8         | 44      |
| number                           | 185         | 725      | 1,782   | (D)     | 1,096  | 577    | 270       | 1,319   |
| 50 to 99                         |             |          |         |         |        |        |           |         |
| farms                            | 9           | 11       | 32      | 2       | 8      | 13     | 7         | 26      |
| number                           | 550         | 770      | 2,047   | (D)     | 432    | 785    | 515       | 1,773   |
| 100 to 199                       |             |          |         |         |        |        |           |         |
| farms                            | 3           | 10       | 14      | -       | 8      | 19     | 5         | 16      |
| number                           | 426         | 1,243    | 1,967   | -       | 960    | 2,371  | 620       | 2,162   |
| 200 to 499                       |             |          |         |         |        |        |           |         |
| farms                            | -           | 5        | 14      | -       | 6      | 7      | 1         | 5       |
| number                           | -           | 1,161    | 3,906   | -       | 1,367  | 1,786  | (D)       | 1,399   |
| 500 or more                      |             |          |         |         |        |        |           |         |
| farms                            | -           | 1        | 2       | -       | 2      | 1      | -         | 2       |
| number                           | -           | (D)      | (D)     | -       | (D)    | (D)    | -         | (D)     |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Oscoda                                      | Otsego                      | Ottawa                      | Presque Isle                   | Roscommon                    | Saginaw                | St. Clair                    | St. Joseph                     |
|----------------------------------|---|-----------------------------|-----------------------------|--------------------------------|------------------------------|------------------------|------------------------------|--------------------------------|
| <b>INVENTORY</b>                 |   |                             |                             |                                |                              |                        |                              |                                |
| Cattle and calves                | farms, 2002<br>1997<br>number, 2002<br>1997 | 66<br>62<br>3,635<br>2,564  | 42<br>46<br>2,341<br>2,558  | 385<br>537<br>40,575<br>37,407 | 123<br>189<br>6,681<br>9,466 | 11<br>18<br>318<br>449 | 204<br>247<br>9,484<br>8,910 | 328<br>394<br>10,189<br>10,977 |
| Farms by inventory:              |   |                             |                             |                                |                              |                        |                              |                                |
| 1 to 9                           | farms, 2002<br>1997<br>number, 2002<br>1997 | 17<br>17<br>57<br>(D)       | 8<br>10<br>42<br>46         | 87<br>136<br>461<br>677        | 38<br>40<br>8<br>188         | 6<br>8<br>22<br>36     | 75<br>94<br>320<br>409       | 128<br>136<br>(D)<br>682       |
| 10 to 19                         | farms, 2002<br>1997<br>number, 2002<br>1997 | 6<br>9<br>96<br>127         | 6<br>2<br>74<br>(D)         | 74<br>116<br>1,007<br>1,595    | 21<br>32<br>295<br>431       | 1<br>5<br>(D)<br>73    | 43<br>48<br>612<br>671       | 74<br>69<br>(D)<br>1,043       |
| 20 to 49                         | farms, 2002<br>1997<br>number, 2002<br>1997 | 5<br>20<br>171<br>739       | 13<br>16<br>424<br>537      | 94<br>123<br>2,736<br>3,820    | 34<br>68<br>1,077<br>2,266   | 2<br>2<br>(D)<br>(D)   | 38<br>55<br>1,142<br>1,750   | 77<br>107<br>2,412<br>2,994    |
| 50 to 99                         | farms, 2002<br>1997<br>number, 2002<br>1997 | 31<br>9<br>2,175<br>634     | 8<br>11<br>554<br>845       | 40<br>67<br>2,854<br>4,703     | 16<br>22<br>1,041<br>1,529   | 1<br>2<br>(D)<br>(D)   | 18<br>27<br>1,208<br>1,789   | 23<br>34<br>1,596<br>2,368     |
| 100 to 199                       | farms, 2002<br>1997<br>number, 2002<br>1997 | 4<br>6<br>496<br>782        | 3<br>5<br>372<br>661        | 37<br>43<br>4,944<br>5,512     | 6<br>20<br>957<br>2,681      | 1<br>1<br>(D)<br>(D)   | 18<br>15<br>2,489<br>2,004   | 22<br>19<br>2,966<br>2,602     |
| 200 to 499                       | farms, 2002<br>1997<br>number, 2002<br>1997 | 3<br>1<br>640<br>(D)        | 4<br>2<br>875<br>(D)        | 40<br>40<br>12,783<br>11,726   | 6<br>7<br>1,961<br>2,371     | -<br>-<br>-            | 12<br>8<br>3,713<br>2,287    | 3<br>3<br>970<br>1,066         |
| 500 or more                      | farms, 2002<br>1997<br>number, 2002<br>1997 | -<br>-<br>-<br>-            | -<br>-<br>-<br>-            | 13<br>12<br>15,790<br>9,374    | 2<br>-<br>(D)<br>-           | -<br>-<br>-<br>-       | 1<br>1<br>(D)<br>(D)         | 4<br>3<br>1,272<br>3,484       |
| Cows and heifers that had calved | farms, 2002<br>1997<br>number, 2002<br>1997 | 50<br>49<br>1,747<br>1,191  | 32<br>28<br>895<br>901      | 248<br>362<br>15,019<br>16,051 | 101<br>147<br>3,023<br>4,330 | 11<br>11<br>215<br>259 | 112<br>125<br>3,342<br>3,424 | 261<br>291<br>4,219<br>4,565   |
| Beef cows                        | farms, 2002<br>1997<br>number, 2002<br>1997 | 25<br>28<br>641<br>608      | 30<br>23<br>667<br>625      | 176<br>227<br>2,239<br>2,639   | 93<br>112<br>1,532<br>1,992  | 11<br>11<br>215<br>259 | 82<br>87<br>756<br>770       | 231<br>261<br>2,610<br>2,751   |
| 2002 farms by inventory:         |   |                             |                             |                                |                              |                        |                              |                                |
| 1 to 9                           | farms<br>number                             | 6<br>(D)                    | 8<br>(D)                    | 89<br>466                      | 45<br>(D)                    | 6<br>(D)               | 54<br>261                    | 135<br>557                     |
| 10 to 19                         | farms<br>number                             | 7<br>9                      | 9<br>59                     | 59<br>27                       | 1<br>1                       | 17<br>208              | 60<br>823                    | 186<br>472                     |
| 20 to 49                         | farms<br>number                             | 108<br>286                  | 119<br>337                  | 786<br>538                     | 365<br>425                   | 1<br>70                | 31<br>287                    | 19<br>833                      |
| 50 to 99                         | farms<br>number                             | 1<br>2                      | 2<br>(D)                    | 7<br>449                       | 4<br>320                     | -<br>-                 | -<br>(D)                     | 4<br>(D)                       |
| 100 to 199                       | farms<br>number                             | 1<br>(D)                    | -<br>-                      | -<br>(D)                       | 2<br>(D)                     | 1<br>(D)               | -<br>(D)                     | 1<br>(D)                       |
| 200 to 499                       | farms<br>number                             | -<br>-                      | -<br>-                      | -<br>-                         | -<br>-                       | -<br>-                 | -<br>-                       | -<br>-                         |
| 500 or more                      | farms<br>number                             | -<br>-                      | -<br>-                      | -<br>-                         | -<br>-                       | -<br>-                 | -<br>-                       | -<br>-                         |
| Milk cows                        | farms, 2002<br>1997<br>number, 2002<br>1997 | 26<br>21<br>1,106<br>583    | 4<br>5<br>228<br>276        | 85<br>146<br>12,780<br>13,412  | 12<br>39<br>1,491<br>2,338   | -<br>-<br>-            | 34<br>40<br>2,586<br>2,654   | 41<br>41<br>1,609<br>1,814     |
| 2002 farms by inventory:         |   |                             |                             |                                |                              |                        |                              |                                |
| 1 to 9                           | farms<br>number                             | 1<br>(D)                    | -<br>-                      | 8<br>40                        | -<br>-                       | 1<br>(D)               | 12<br>25                     | 24<br>61                       |
| 10 to 19                         | farms<br>number                             | -<br>-                      | 1<br>-                      | -<br>3                         | 3<br>-                       | 3<br>(D)               | 4<br>55                      | 4<br>51                        |
| 20 to 49                         | farms<br>number                             | 18<br>568                   | -<br>-                      | 14<br>500                      | 2<br>(D)                     | 9<br>304               | 12<br>426                    | 15<br>414                      |
| 50 to 99                         | farms<br>number                             | 5<br>3                      | 3<br>(D)                    | 21<br>1,321                    | 2<br>(D)                     | 13<br>910              | 10<br>677                    | 3<br>177                       |
| 100 to 199                       | farms<br>number                             | 2<br>(D)                    | -<br>3,671                  | 27<br>(D)                      | 2<br>813                     | 6<br>813               | 3<br>426                     | 3<br>337                       |
| 200 to 499                       | farms<br>number                             | -<br>-                      | -<br>3,648                  | 12<br>958                      | 3<br>(D)                     | 2<br>-                 | -<br>-                       | -<br>-                         |
| 500 or more                      | farms<br>number                             | -<br>-                      | -<br>3,600                  | 3<br>-                         | -<br>-                       | -<br>-                 | -<br>-                       | -<br>-                         |
| Other cattle (see text)          | farms, 2002<br>1997<br>number, 2002<br>1997 | 63<br>(NA)<br>1,888<br>(NA) | 38<br>(NA)<br>1,446<br>(NA) | 344<br>(NA)<br>25,556<br>(NA)  | 114<br>(NA)<br>3,658<br>(NA) | 6<br>103<br>(NA)       | 181<br>6,142<br>(NA)         | 256<br>5,970<br>(NA)           |
| 2002 farms by inventory:         |   |                             |                             |                                |                              |                        |                              |                                |
| 1 to 9                           | farms<br>number                             | 21<br>(D)                   | 9<br>(D)                    | 108<br>513                     | 46<br>188                    | 4<br>(D)               | 83<br>387                    | 114<br>(D)                     |
| 10 to 19                         | farms<br>number                             | 7<br>6                      | 6<br>59                     | 59<br>24                       | -<br>-                       | 31<br>425              | 60<br>857                    | 47<br>680                      |
| 20 to 49                         | farms<br>number                             | 100<br>19                   | 86<br>14                    | 786<br>77                      | 336<br>27                    | 2<br>2                 | 27<br>827                    | 54<br>1,533                    |
| 50 to 99                         | farms<br>number                             | 623<br>15                   | 401<br>4                    | 2,213<br>33                    | 807<br>7                     | -<br>-                 | 23<br>1,556                  | 20<br>1,308                    |
| 100 to 199                       | farms<br>number                             | 938<br>1                    | 270<br>4                    | 2,259<br>39                    | 520<br>6                     | -<br>-                 | 1,897<br>13                  | 12<br>1,328                    |
| 200 to 499                       | farms<br>number                             | -<br>-                      | 447<br>(D)                  | 5,345<br>23                    | 842<br>4                     | -<br>-                 | 4<br>1                       | 784<br>856                     |
| 500 or more                      | farms<br>number                             | -<br>-                      | -<br>-                      | 6,810<br>7,630                 | 965<br>-                     | -<br>-                 | 1,050<br>-                   | 1<br>(D)                       |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                             | Sanilac | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne | Wexford |
|----------------------------------|---------|-------------|------------|---------|-----------|-----------|-------|---------|
| <b>INVENTORY</b>                 |         |             |            |         |           |           |       |         |
| Cattle and calves                |         |             |            |         |           |           |       |         |
| farms, 2002                      | 588     | 22          | 240        | 329     | 207       | 243       | 24    | 83      |
| 1997                             | 733     | 24          | 322        | 428     | 270       | 314       | 52    | 109     |
| number, 2002                     | 56,732  | 1,408       | 11,926     | 18,137  | 7,805     | 14,246    | 410   | 3,558   |
| 1997                             | 60,216  | 1,478       | 14,109     | 19,753  | 8,647     | 17,539    | 1,145 | 3,939   |
| Farms by inventory:              |         |             |            |         |           |           |       |         |
| 1 to 9                           |         |             |            |         |           |           |       |         |
| farms, 2002                      | 116     | 1           | 84         | 102     | 70        | 96        | 12    | 21      |
| 1997                             | 117     | 2           | 124        | 135     | 102       | 110       | 35    | 34      |
| number, 2002                     | 585     | (D)         | 370        | 460     | 383       | 465       | 44    | (D)     |
| 1997                             | 603     | (D)         | (D)        | 731     | 506       | (D)       | 158   | 196     |
| 10 to 19                         |         |             |            |         |           |           |       |         |
| farms, 2002                      | 67      | 7           | 42         | 64      | 55        | 33        | 3     | 25      |
| 1997                             | 92      | 6           | 56         | 80      | 57        | 60        | 11    | 25      |
| number, 2002                     | 951     | (D)         | 566        | 832     | (D)       | (D)       | (D)   | (D)     |
| 1997                             | 1,198   | 77          | 792        | 1,102   | 746       | 822       | 144   | 342     |
| 20 to 49                         |         |             |            |         |           |           |       |         |
| farms, 2002                      | 142     | 4           | 57         | 67      | 44        | 44        | 7     | 20      |
| 1997                             | 203     | 7           | 80         | 118     | 62        | 60        | 1     | 27      |
| number, 2002                     | 4,384   | 126         | 1,906      | 2,095   | 1,322     | 1,454     | 170   | 608     |
| 1997                             | 6,507   | 266         | 2,640      | 3,477   | 1,794     | 1,807     | (D)   | 870     |
| 50 to 99                         |         |             |            |         |           |           |       |         |
| farms, 2002                      | 96      | 8           | 25         | 43      | 21        | 25        | 2     | 12      |
| 1997                             | 135     | 6           | 29         | 40      | 27        | 25        | 2     | 15      |
| number, 2002                     | 6,721   | 649         | 1,717      | 3,057   | 1,411     | 1,690     | (D)   | 852     |
| 1997                             | 9,009   | 414         | 1,954      | 2,695   | 1,751     | 1,573     | (D)   | 1,055   |
| 100 to 199                       |         |             |            |         |           |           |       |         |
| farms, 2002                      | 88      | -           | 19         | 35      | 9         | 26        | -     | 1       |
| 1997                             | 105     | 1           | 19         | 35      | 15        | 35        | 1     | 5       |
| number, 2002                     | 12,448  | -           | 2,569      | 4,532   | 1,221     | 3,357     | -     | (D)     |
| 1997                             | 14,388  | (D)         | 2,839      | 4,494   | 2,022     | 5,006     | (D)   | 636     |
| 200 to 499                       |         |             |            |         |           |           |       |         |
| farms, 2002                      | 63      | 2           | 9          | 14      | 7         | 17        | 3     | 3       |
| 1997                             | 67      | 2           | 12         | 17      | 7         | 23        | 2     | 3       |
| number, 2002                     | 18,835  | (D)         | 2,460      | 3,764   | 2,042     | 4,947     | -     | 882     |
| 1997                             | 18,857  | (D)         | 3,836      | 4,503   | 1,828     | 6,950     | (D)   | 840     |
| 500 or more                      |         |             |            |         |           |           |       |         |
| farms, 2002                      | 16      | -           | 4          | 4       | 1         | 2         | -     | 1       |
| 1997                             | 14      | -           | 2          | 3       | -         | 1         | -     | -       |
| number, 2002                     | 12,808  | -           | 2,338      | 3,397   | (D)       | (D)       | (D)   | -       |
| 1997                             | 9,654   | -           | (D)        | 2,751   | -         | -         | -     | -       |
| Cows and heifers that had calved |         |             |            |         |           |           |       |         |
| farms, 2002                      | 429     | 19          | 155        | 235     | 162       | 158       | 19    | 61      |
| 1997                             | 506     | 22          | 201        | 304     | 200       | 179       | 37    | 82      |
| number, 2002                     | 23,461  | 691         | 5,264      | 7,475   | 3,834     | 4,647     | 223   | 1,305   |
| 1997                             | 25,237  | 754         | 5,782      | 8,332   | 4,063     | 6,373     | 616   | 1,629   |
| Beef cows                        |         |             |            |         |           |           |       |         |
| farms, 2002                      | 224     | 17          | 112        | 180     | 139       | 113       | 19    | 42      |
| 1997                             | 209     | 18          | 136        | 225     | 168       | 120       | 31    | 63      |
| number, 2002                     | 3,367   | (D)         | 1,448      | 3,038   | 1,743     | 1,519     | (D)   | 486     |
| 1997                             | 2,899   | (D)         | 1,211      | 2,356   | 2,087     | 1,426     | 507   | 734     |
| 2002 farms by inventory:         |         |             |            |         |           |           |       |         |
| 1 to 9                           |         |             |            |         |           |           |       |         |
| farms                            | 102     | 8           | 53         | 86      | 71        | 67        | 11    | 25      |
| number                           | 493     | 59          | 230        | (D)     | 336       | 302       | 39    | (D)     |
| 10 to 19                         |         |             |            |         |           |           |       |         |
| farms                            | 64      | 1           | 39         | 44      | 46        | 18        | 3     | 10      |
| number                           | 882     | (D)         | 531        | 544     | 604       | 251       | (D)   | 130     |
| 20 to 49                         |         |             |            |         |           |           |       |         |
| farms                            | 49      | 6           | 16         | 40      | 17        | 23        | 5     | 5       |
| number                           | 1,351   | 223         | 454        | 1,209   | 461       | 651       | 152   | 133     |
| 50 to 99                         |         |             |            |         |           |           |       |         |
| farms                            | 8       | 1           | 4          | 8       | 4         | 5         | -     | 2       |
| number                           | (D)     | (D)         | 233        | 526     | (D)       | 315       | -     | (D)     |
| 100 to 199                       |         |             |            |         |           |           |       |         |
| farms                            | 1       | 1           | -          | 1       | 1         | -         | -     | -       |
| number                           | (D)     | (D)         | -          | (D)     | (D)       | -         | -     | -       |
| 200 to 499                       |         |             |            |         |           |           |       |         |
| farms                            | -       | -           | -          | 1       | -         | -         | -     | -       |
| number                           | -       | -           | -          | (D)     | -         | -         | -     | -       |
| 500 or more                      |         |             |            |         |           |           |       |         |
| farms                            | -       | -           | -          | -       | -         | -         | -     | -       |
| number                           | -       | -           | -          | -       | -         | -         | -     | -       |
| Milk cows                        |         |             |            |         |           |           |       |         |
| farms, 2002                      | 235     | 4           | 45         | 59      | 34        | 52        | 2     | 22      |
| 1997                             | 322     | 5           | 68         | 86      | 40        | 67        | 8     | 21      |
| number, 2002                     | 20,094  | (D)         | 3,816      | 4,437   | 2,091     | 3,128     | (D)   | 819     |
| 1997                             | 22,338  | (D)         | 4,571      | 5,976   | 1,976     | 4,947     | 109   | 895     |
| 2002 farms by inventory:         |         |             |            |         |           |           |       |         |
| 1 to 9                           |         |             |            |         |           |           |       |         |
| farms                            | 34      | 2           | 4          | 7       | 14        | 19        | 2     | 5       |
| number                           | 90      | (D)         | 19         | 7       | (D)       | (D)       | (D)   | 12      |
| 10 to 19                         |         |             |            |         |           |           |       |         |
| farms                            | 26      | 1           | 4          | 4       | -         | -         | -     | 4       |
| number                           | 374     | (D)         | 58         | 49      | -         | -         | -     | 67      |
| 20 to 49                         |         |             |            |         |           |           |       |         |
| farms                            | 51      | -           | 13         | 12      | 10        | 5         | -     | 10      |
| number                           | 1,708   | -           | 388        | 377     | 336       | 165       | -     | 308     |
| 50 to 99                         |         |             |            |         |           |           |       |         |
| farms                            | 58      | -           | 9          | 22      | 4         | 15        | -     | -       |
| number                           | 4,105   | -           | 647        | 1,566   | 300       | 1,037     | -     | -       |
| 100 to 199                       |         |             |            |         |           |           |       |         |
| farms                            | 47      | 1           | 10         | 11      | 2         | 11        | -     | 3       |
| number                           | 6,165   | (D)         | 1,209      | 1,393   | (D)       | 1,447     | -     | 432     |
| 200 to 499                       |         |             |            |         |           |           |       |         |
| farms                            | 12      | -           | 5          | 3       | 4         | 2         | -     | -       |
| number                           | 3,045   | -           | 1,495      | 1,045   | 1,131     | (D)       | -     | -       |
| 500 or more                      |         |             |            |         |           |           |       |         |
| farms                            | 7       | -           | -          | -       | -         | -         | -     | -       |
| number                           | 4,607   | -           | -          | -       | -         | -         | -     | -       |
| Other cattle (see text)          |         |             |            |         |           |           |       |         |
| farms, 2002                      | 539     | 21          | 214        | 296     | 176       | 219       | 17    | 71      |
| 1997                             | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| number, 2002                     | 33,271  | 717         | 6,662      | 10,662  | 3,971     | 9,599     | 187   | 2,253   |
| 1997                             | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)  | (NA)    |
| 2002 farms by inventory:         |         |             |            |         |           |           |       |         |
| 1 to 9                           |         |             |            |         |           |           |       |         |
| farms                            | 143     | 8           | 97         | 123     | 88        | 97        | 7     | 24      |
| number                           | 614     | 45          | 391        | (D)     | 390       | (D)       | (D)   | 26      |
| 10 to 19                         |         |             |            |         |           |           |       |         |
| farms                            | 91      | 3           | 38         | 62      | 40        | 28        | 8     | 26      |
| number                           | 1,238   | (D)         | 493        | 864     | 535       | (D)       | 84    | 361     |
| 20 to 49                         |         |             |            |         |           |           |       |         |
| farms                            | 114     | 4           | 39         | 51      | 26        | 46        | 1     | 12      |
| number                           | 3,484   | 151         | 1,230      | 1,639   | 804       | 1,412     | (D)   | 400     |
| 50 to 99                         |         |             |            |         |           |           |       |         |
| farms                            | 88      | 5           | 23         | 33      | 13        | 26        | 1     | 5       |
| number                           | 6,063   | 366         | 1,686      | 2,203   | 895       | 1,818     | (D)   | 302     |
| 100 to 199                       |         |             |            |         |           |           |       |         |
| farms                            | 63      | 1           | 12         | 21      | 7         | 13        | -     | 3       |
| number                           | 8,446   | (D)         | 1,541      | 2,606   | 825       | 1,770     | -     | 450     |
| 200 to 499                       |         |             |            |         |           |           |       |         |
| farms                            | 35      | -           | 5          | 4       | 2         | 7         | -     | -       |
| number                           | 10,502  | -           | 1,321      | 1,287   | (D)       | 1,935     | -     | -       |
| 500 or more                      |         |             |            |         |           |           |       |         |
| farms                            | 5       | -           | -          | 2       | -         | 2         | -     | 1       |
| number                           | 2,924   | -           | -          | (D)     | -         | (D)       | -     | (D)     |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan            | Alcona                   | Alger               | Allegan          | Alpena              | Antrim            | Arenac            |
|---|---------------------|--------------------------|---------------------|------------------|---------------------|-------------------|-------------------|
| <b>INVENTORY - Con.</b>   |                     |                          |                     |                  |                     |                   |                   |
| Cattle and calves - Con.  |                     |                          |                     |                  |                     |                   |                   |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997 | 3,799<br>183,317<br>(NA) | 14<br>1,122<br>(NA) | 5<br>20<br>(NA)  | 96<br>3,237<br>(NA) | 44<br>502<br>(NA) | 20<br>987<br>(NA) |
| 2002 farms by inventory:  |                     |                          |                     |                  |                     |                   |                   |
| 1 to 9 . . . . .  | farms<br>number     | 1,706<br>7,156           | 3<br>9              | 5<br>20          | 50<br>198           | 27<br>111         | 13<br>39          |
| 10 to 19 . . . . .  | farms<br>number     | 728<br>9,414             | 6<br>98             | -<br>-           | 19<br>269           | 7<br>(D)          | 3<br>35           |
| 20 to 49 . . . . .  | farms<br>number     | 662<br>18,965            | 1<br>(D)            | -<br>-           | 9<br>234            | 9<br>228          | 4<br>(D)          |
| 50 to 99 . . . . .  | farms<br>number     | 336<br>22,300            | 1<br>(D)            | -<br>-           | 8<br>555            | 1<br>(D)          | 3<br>-            |
| 100 to 199 . . . . .  | farms<br>number     | 206<br>26,383            | 1<br>(D)            | -<br>-           | 7<br>831            | -<br>(D)          | 1<br>(D)          |
| 200 to 499 . . . . .  | farms<br>number     | 115<br>32,979            | 2<br>(D)            | -<br>-           | 2<br>(D)            | -<br>(D)          | 2<br>-            |
| 500 or more . . . . .   | farms<br>number     | 46<br>66,120             | -<br>-              | -<br>(D)         | 1<br>-              | -<br>-            | -<br>-            |
| <b>SALES</b>  |                     |                          |                     |                  |                     |                   |                   |
| Dairy products sold . . . . .   | farms, 2002<br>1997 | 2,738<br>3,832           | 10<br>13            | 8<br>141         | 96<br>44            | 39<br>14          | 9<br>28           |
| \$1,000, 2002<br>1997   | 697,920<br>646,771  | 1,345<br>1,612           | 713<br>877          | 37,223<br>37,046 | 5,985<br>5,113      | 1,555<br>1,839    | 4,937<br>5,408    |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997 | 11,293<br>16,330         | 70<br>115           | 20<br>27         | 315<br>496          | 167<br>239        | 58<br>85          |
| number, 2002<br>1997  | 516,107<br>554,154  | 2,258<br>3,475           | 528<br>838          | 18,579<br>20,174 | 4,966<br>4,551      | 1,891<br>2,387    | 1,960<br>2,237    |
| \$1,000, 2002<br>1997   | 298,517<br>284,374  | 1,317<br>1,601           | 272<br>334          | 9,522<br>8,262   | 2,230<br>1,832      | 1,356<br>1,289    | 1,036<br>1,056    |
| 2002 farms by number sold:  |                     |                          |                     |                  |                     |                   |                   |
| 1 to 9 . . . . .  | farms<br>number     | 4,888<br>21,200          | 26<br>161           | 9<br>(D)         | 126<br>555          | 64<br>(D)         | 29<br>116         |
| 10 to 19 . . . . .  | farms<br>number     | 2,252<br>30,376          | 20<br>255           | 3<br>48          | 62<br>795           | 42<br>558         | 8<br>110          |
| 20 to 49 . . . . .  | farms<br>number     | 2,268<br>67,210          | 16<br>484           | 6<br>165         | 50<br>1,449         | 110<br>1,078      | 10<br>301         |
| 50 to 99 . . . . .  | farms<br>number     | 949<br>63,443            | 4<br>267            | -<br>2           | 34<br>2,296         | 16<br>1,102       | 5<br>379          |
| 100 to 199 . . . . .  | farms<br>number     | 530<br>70,982            | 2<br>(D)            | 2<br>(D)         | 19<br>2,562         | 9<br>1,162        | 2<br>707          |
| 200 to 499 . . . . .  | farms<br>number     | 263<br>76,370            | 2<br>(D)            | -<br>-           | 16<br>4,823         | -<br>(D)          | 2<br>(D)          |
| 500 or more . . . . .   | farms<br>number     | 143<br>186,526           | -<br>-              | -<br>-           | 8<br>6,099          | 1<br>(D)          | -<br>-            |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997 | 4,348<br>7,607           | 30<br>71            | 9<br>17          | 151<br>235          | 84<br>137         | 14<br>50          |
| number, 2002<br>1997  | 149,974<br>178,068  | 384<br>1,005             | 96<br>297           | 7,882<br>9,821   | 2,131<br>1,571      | 270<br>586        | 566<br>677        |
| 2002 farms by number sold:  |                     |                          |                     |                  |                     |                   |                   |
| 1 to 9 . . . . .  | farms<br>number     | 2,041<br>8,585           | 18<br>105           | 3<br>(D)         | 57<br>215           | 35<br>(D)         | 7<br>32           |
| 10 to 19 . . . . .  | farms<br>number     | 962<br>12,131            | 8<br>104            | 4<br>47          | 24<br>290           | 23<br>294         | 2<br>(D)          |
| 20 to 49 . . . . .  | farms<br>number     | 795<br>22,659            | 2<br>(D)            | 2<br>(D)         | 40<br>1,154         | 19<br>540         | 3<br>90           |
| 50 to 99 . . . . .  | farms<br>number     | 303<br>19,718            | 2<br>(D)            | -<br>-           | 13<br>925           | 6<br>401          | 2<br>(D)          |
| 100 to 199 . . . . .  | farms<br>number     | 141<br>18,275            | -<br>-              | -<br>-           | 10<br>1,408         | -<br>-            | 1<br>(D)          |
| 200 to 499 . . . . .  | farms<br>number     | 63<br>18,652             | -<br>-              | -<br>-           | 4<br>1,065          | -<br>-            | -<br>-            |
| 500 or more . . . . .   | farms<br>number     | 43<br>49,954             | -<br>-              | -<br>-           | 3<br>2,825          | 1<br>(D)          | -<br>-            |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997 | 10,182<br>13,356         | 60<br>77            | 17<br>21         | 270<br>413          | 152<br>182        | 52<br>57          |
| number, 2002<br>1997  | 366,133<br>376,086  | 1,874<br>2,470           | 432<br>541          | 10,697<br>10,353 | 2,835<br>2,980      | 1,621<br>1,801    | 54<br>64          |
| 2002 farms by number sold:  |                     |                          |                     |                  |                     |                   |                   |
| 1 to 9 . . . . .  | farms<br>number     | 5,141<br>21,323          | 30<br>156           | 11<br>(D)        | 133<br>565          | 80<br>363         | 27<br>108         |
| 10 to 19 . . . . .  | farms<br>number     | 1,889<br>24,868          | 12<br>168           | 1<br>(D)         | 44<br>563           | 33<br>425         | 8<br>113          |
| 20 to 49 . . . . .  | farms<br>number     | 1,821<br>53,259          | 11<br>325           | 3<br>90          | 40<br>1,159         | 25<br>660         | 8<br>223          |
| 50 to 99 . . . . .  | farms<br>number     | 693<br>45,847            | 4<br>240            | -<br>-           | 25<br>1,678         | 8<br>577          | 6<br>322          |
| 100 to 199 . . . . .  | farms<br>number     | 360<br>46,747            | 1<br>(D)            | 2<br>(D)         | 14<br>1,680         | 6<br>810          | 1<br>(D)          |
| 200 to 499 . . . . .  | farms<br>number     | 183<br>52,978            | 2<br>(D)            | -<br>-           | 11<br>3,257         | -<br>(D)          | 2<br>(D)          |
| 500 or more . . . . .   | farms<br>number     | 95<br>121,111            | -<br>-              | -<br>-           | 3<br>1,795          | -<br>-            | -<br>-            |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Baraga   | Barry                         | Bay                                   | Benzie                              | Berrien                       | Branch                              | Calhoun                              |
|---|--|-------------------------------|---------------------------------------|-------------------------------------|-------------------------------|-------------------------------------|--------------------------------------|
| <b>INVENTORY - Con.</b>   |  |                               |                                       |                                     |                               |                                     |                                      |
| Cattle and calves - Con.  |  |                               |                                       |                                     |                               |                                     |                                      |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997<br>number, 2002<br>1997                          | 2<br>(NA)<br>(D)<br>(NA)      | 77<br>(NA)<br>2,318<br>(NA)           | 22<br>(NA)<br>656<br>(NA)           | 10<br>(NA)<br>550<br>(NA)     | 46<br>(NA)<br>664<br>(NA)           | 71<br>(NA)<br>2,056<br>(NA)          |
| 2002 farms by inventory:  |  |                               |                                       |                                     |                               |                                     |                                      |
| 1 to 9 . . . . .  | farms<br>number  | 1<br>(D)                      | 47<br>181                             | 9<br>(D)                            | 5<br>18                       | 30<br>110                           | 43<br>178                            |
| 10 to 19 . . . . .  | farms<br>number  | -<br>-                        | 12<br>(D)                             | 7<br>97                             | -<br>-                        | 6<br>74                             | 8<br>105                             |
| 20 to 49 . . . . .  | farms<br>number  | -<br>-                        | 8<br>227                              | 2<br>(D)                            | 1<br>(D)                      | 7<br>177                            | 22<br>213                            |
| 50 to 99 . . . . .  | farms<br>number  | -<br>-                        | 3<br>190                              | 3<br>183                            | 2<br>(D)                      | 2<br>(D)                            | 4<br>576                             |
| 100 to 199 . . . . .  | farms<br>number  | -<br>-                        | 3<br>456                              | -<br>(D)                            | 1<br>-                        | -<br>-                              | 4<br>471                             |
| 200 to 499 . . . . .  | farms<br>number  | 1<br>(D)                      | 3<br>600                              | 1<br>(D)                            | 1<br>(D)                      | 1<br>(D)                            | 2<br>(D)                             |
| 500 or more . . . . .   | farms<br>number  | -<br>-                        | 1<br>(D)                              | -<br>-                              | -<br>-                        | -<br>-                              | 2<br>(D)                             |
| <b>SALES</b>  |  |                               |                                       |                                     |                               |                                     |                                      |
| Dairy products sold . . . . .   | farms, 2002<br>1997<br>\$1,000, 2002<br>1997                         | 2<br>8<br>414                 | 38<br>55<br>19,179                    | 15<br>17<br>3,470                   | -<br>2<br>(D)                 | 14<br>13<br>3,925                   | 43<br>70<br>5,628                    |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997<br>number, 2002<br>1997<br>\$1,000, 2002<br>1997 | 17<br>24<br>603<br>437<br>155 | 266<br>356<br>9,272<br>9,975<br>4,524 | 67<br>97<br>1,676<br>2,098<br>1,189 | 26<br>46<br>737<br>968<br>721 | 100<br>150<br>1,918<br>1,968<br>721 | 226<br>346<br>7,043<br>15,497<br>866 |
| 2002 farms by number sold:  |  |                               |                                       |                                     |                               |                                     |                                      |
| 1 to 9 . . . . .  | farms<br>number  | 5<br>(D)                      | 143<br>625                            | 41<br>196                           | 11<br>40                      | 53<br>(D)                           | 101<br>477                           |
| 10 to 19 . . . . .  | farms<br>number  | 1<br>(D)                      | 52<br>683                             | 9<br>(D)                            | 6<br>79                       | 20<br>263                           | 44<br>795                            |
| 20 to 49 . . . . .  | farms<br>number  | 6<br>(D)                      | 39<br>223                             | 8<br>1,221                          | 5<br>220                      | 21<br>130                           | 51<br>598                            |
| 50 to 99 . . . . .  | farms<br>number  | 5<br>350                      | 12<br>403                             | 5<br>403                            | 2<br>(D)                      | 5<br>327                            | 14<br>1,023                          |
| 100 to 199 . . . . .  | farms<br>number  | -<br>1,520                    | 11<br>391                             | 3<br>391                            | 2<br>(D)                      | -<br>-                              | 9<br>1,108                           |
| 200 to 499 . . . . .  | farms<br>number  | -<br>1,980                    | 7<br>(D)                              | 1<br>-                              | -<br>-                        | -<br>-                              | 4<br>1,410                           |
| 500 or more . . . . .   | farms<br>number  | -<br>-                        | 2<br>(D)                              | -<br>-                              | -<br>-                        | 1<br>(D)                            | 1<br>5,721                           |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997<br>number, 2002<br>1997                          | 6<br>12<br>91<br>179          | 120<br>160<br>3,951<br>3,826          | 23<br>41<br>506<br>530              | 8<br>20<br>122<br>98          | 34<br>51<br>719<br>730              | 94<br>131<br>1,757<br>2,683          |
| 2002 farms by number sold:  |  |                               |                                       |                                     |                               |                                     |                                      |
| 1 to 9 . . . . .  | farms<br>number  | 2<br>(D)                      | 73<br>289                             | 8<br>(D)                            | 5<br>26                       | 19<br>82                            | 54<br>192                            |
| 10 to 19 . . . . .  | farms<br>number  | 2<br>(D)                      | 21<br>250                             | 5<br>56                             | -<br>(D)                      | 5<br>293                            | 24<br>164                            |
| 20 to 49 . . . . .  | farms<br>number  | 2<br>(D)                      | 10<br>292                             | 6<br>140                            | 2<br>(D)                      | 8<br>215                            | 10<br>284                            |
| 50 to 99 . . . . .  | farms<br>number  | -<br>611                      | 8<br>159                              | 3<br>159                            | 1<br>(D)                      | 1<br>1                              | 3<br>238                             |
| 100 to 199 . . . . .  | farms<br>number  | -<br>629                      | 5<br>(D)                              | 1<br>-                              | -<br>-                        | -<br>-                              | 1<br>(D)                             |
| 200 to 499 . . . . .  | farms<br>number  | -<br>1                        | 1<br>(D)                              | -<br>-                              | -<br>-                        | 1<br>(D)                            | 2<br>740                             |
| 500 or more . . . . .   | farms<br>number  | -<br>2                        | 2<br>(D)                              | -<br>-                              | -<br>-                        | -<br>-                              | 1<br>(D)                             |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997<br>number, 2002<br>1997                          | 17<br>20<br>512<br>258        | 239<br>272<br>5,321<br>6,149          | 62<br>79<br>1,170<br>1,568          | 25<br>37<br>615<br>870        | 94<br>120<br>1,199<br>1,238         | 196<br>275<br>5,286<br>12,814        |
| 2002 farms by number sold:  |  |                               |                                       |                                     |                               |                                     |                                      |
| 1 to 9 . . . . .  | farms<br>number  | 5<br>(D)                      | 149<br>574                            | 42<br>197                           | 15<br>65                      | 58<br>252                           | 105<br>419                           |
| 10 to 19 . . . . .  | farms<br>number  | 2<br>(D)                      | 34<br>10                              | 4<br>49                             | 19<br>234                     | 28<br>1,214                         | 43<br>1,420                          |
| 20 to 49 . . . . .  | farms<br>number  | 5<br>(D)                      | 33<br>920                             | 4<br>155                            | 3<br>78                       | 41<br>376                           | 538<br>1,214                         |
| 50 to 99 . . . . .  | farms<br>number  | 5<br>314                      | 11<br>707                             | 5<br>355                            | 1<br>355                      | 12<br>1,214                         | 11<br>1,420                          |
| 100 to 199 . . . . .  | farms<br>number  | -<br>855                      | 7<br>-                                | 2<br>(D)                            | -<br>-                        | 7<br>890                            | 10<br>1,149                          |
| 200 to 499 . . . . .  | farms<br>number  | -<br>1,020                    | 4<br>(D)                              | 1<br>-                              | -<br>(D)                      | 2<br>(D)                            | 2<br>(D)                             |
| 500 or more . . . . .   | farms<br>number  | -<br>(D)                      | 1<br>-                                | -<br>-                              | -<br>-                        | 1<br>(D)                            | 2<br>(D)                             |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass   | Charlevoix                                     | Cheboygan                                | Chippewa                                    | Clare  | Clinton  | Crawford   |
|---|--|--|--|---|--|--|--|
| <b>INVENTORY - Con.</b>   |  |  |  |   |  |  |  |
| Cattle and calves - Con.  |  |  |  |   |  |  |  |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997<br>number, 2002<br>1997                          | 57<br>(NA)<br>1,510<br>(NA)                    | 20<br>(NA)<br>150<br>(NA)                | 18<br>(NA)<br>192<br>(NA)                   | 14<br>(NA)<br>286<br>(NA)                      | 21<br>(NA)<br>1,508<br>(NA)                    | 100<br>(NA)<br>5,610<br>(NA)                     |
| 2002 farms by inventory:  |  |  |  |   |  |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 19<br>(D)                                      | 16<br>80                                 | 11<br>41                                    | 7<br>24  | 8<br>38  | 34<br>(D)  |
| 10 to 19 . . . . .  | farms<br>number  | 17<br>230                                      | 2<br>(D)                                 | 4<br>49                                     | 3<br>36  | 3<br>32  | 16<br>196  |
| 20 to 49 . . . . .  | farms<br>number  | 14<br>456                                      | 2<br>(D)                                 | 3<br>102                                    | 2<br>(D)                                       | 3<br>82  | 25<br>732  |
| 50 to 99 . . . . .  | farms<br>number  | 3<br>194                                       | -  | -   | 1<br>(D)                                       | 3<br>252                                       | 12<br>849  |
| 100 to 199 . . . . .  | farms<br>number  | 3<br>360                                       | -  | -   | 1<br>(D)                                       | 2<br>908                                       | 8  |
| 200 to 499 . . . . .  | farms<br>number  | 1<br>(D)                                       | -  | -   | -<br>(D)                                       | 1<br>1   | 2<br>(D)   |
| 500 or more . . . . .   | farms<br>number  | -  | -  | -   | -<br>(D)                                       | 3<br>2,100                                     | -  |
| <b>SALES</b>  |  |  |  |   |  |  |  |
| Dairy products sold . . . . .   | farms, 2002<br>1997<br>\$1,000, 2002<br>1997                         | 18<br>24<br>1,514<br>2,166                     | 9<br>12<br>1,436<br>1,764                | 6<br>16<br>2,303<br>3,288                   | 18<br>32<br>1,197<br>2,114                     | 42<br>61<br>5,160<br>6,700                     | 82<br>114<br>45,693<br>37,927                    |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997<br>number, 2002<br>1997<br>\$1,000, 2002<br>1997 | 130<br>204<br>2,865<br>3,566<br>2,104<br>2,001 | 68<br>89<br>1,188<br>1,442<br>566<br>608 | 75<br>102<br>2,193<br>2,500<br>1,017<br>905 | 111<br>183<br>2,864<br>4,549<br>1,606<br>2,110 | 138<br>207<br>6,271<br>7,521<br>3,598<br>3,455 | 263<br>394<br>16,859<br>16,867<br>9,193<br>8,281 |
| 2002 farms by number sold:  |  |  |  |   |  |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 60<br>(D)                                      | 42<br>196                                | 37<br>117                                   | 34<br>171                                      | 43<br>(D)                                      | 88<br>389  |
| 10 to 19 . . . . .  | farms<br>number  | 28<br>379                                      | 13<br>177                                | 17<br>226                                   | 34<br>467                                      | 26<br>372                                      | 54<br>771  |
| 20 to 49 . . . . .  | farms<br>number  | 30<br>881                                      | 7<br>200                                 | 13<br>389                                   | 31<br>1,029                                    | 40<br>1,115                                    | 48<br>1,394                                      |
| 50 to 99 . . . . .  | farms<br>number  | 7<br>465                                       | 3<br>243                                 | 2<br>(D)                                    | 7<br>521                                       | 13<br>793                                      | 36<br>2,397                                      |
| 100 to 199 . . . . .  | farms<br>number  | 3<br>392                                       | 3<br>372                                 | 4<br>580                                    | 5<br>676                                       | 6<br>809                                       | 21<br>2,841                                      |
| 200 to 499 . . . . .  | farms<br>number  | 2<br>(D)                                       | -  | 2<br>(D)                                    | -  | 9<br>2,491                                     | 10<br>3,508                                      |
| 500 or more . . . . .   | farms<br>number  | -  | -  | -   | -<br>(D)                                       | 1<br>5,559                                     | 6  |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997<br>number, 2002<br>1997                          | 41<br>80<br>381<br>912                         | 20<br>38<br>306<br>350                   | 31<br>64<br>905<br>1,162                    | 50<br>89<br>718<br>1,224                       | 73<br>117<br>1,179<br>3,098                    | 93<br>160<br>4,574<br>5,504                      |
| 2002 farms by number sold:  |  |  |  |   |  |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 32<br>133                                      | 11<br>46                                 | 16<br>69                                    | 25<br>129                                      | 32<br>(D)                                      | 32<br>(D)  |
| 10 to 19 . . . . .  | farms<br>number  | 3<br>63  | 5<br>95                                  | 8<br>5                                      | 18<br>326                                      | 25<br>337                                      | 19<br>245  |
| 20 to 49 . . . . .  | farms<br>number  | 5<br>136                                       | 2<br>(D)                                 | 3<br>93                                     | 5<br>(D)                                       | 11<br>267                                      | 21<br>688  |
| 50 to 99 . . . . .  | farms<br>number  | 1<br>(D)                                       | 2<br>(D)                                 | 2<br>(D)                                    | 1<br>(D)                                       | 3<br>190                                       | 11<br>712  |
| 100 to 199 . . . . .  | farms<br>number  | -<br>(D)                                       | -<br>(D)                                 | -<br>(D)                                    | 1<br>(D)                                       | 2<br>190                                       | 5  |
| 200 to 499 . . . . .  | farms<br>number  | -<br>(D)                                       | -<br>(D)                                 | 2<br>-                                      | -<br>(D)                                       | 2<br>-   | 601<br>(D)                                       |
| 500 or more . . . . .   | farms<br>number  | -<br>(D)                                       | -<br>(D)                                 | -<br>(D)                                    | -<br>(D)                                       | 3<br>1,650                                     | -  |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997<br>number, 2002<br>1997                          | 116<br>164<br>2,484<br>2,654                   | 63<br>69<br>882<br>1,092                 | 66<br>78<br>1,288<br>1,338                  | 102<br>145<br>2,146<br>3,325                   | 117<br>162<br>5,092<br>4,423                   | 247<br>337<br>12,285<br>11,363                   |
| 2002 farms by number sold:  |  |  |  |   |  |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 55<br>234                                      | 42<br>182                                | 35<br>(D)                                   | 45<br>179                                      | 49<br>22                                       | 95<br>409  |
| 10 to 19 . . . . .  | farms<br>number  | 22<br>298                                      | 11<br>150                                | 16<br>207                                   | 25<br>330                                      | 50<br>300                                      | 11<br>720  |
| 20 to 49 . . . . .  | farms<br>number  | 30<br>863                                      | 6<br>175                                 | 9<br>280                                    | 22<br>710                                      | 23<br>624                                      | 48<br>1,297                                      |
| 50 to 99 . . . . .  | farms<br>number  | 5<br>312                                       | 2<br>(D)                                 | 4<br>322                                    | 6<br>423                                       | 9<br>471                                       | 29<br>1,979                                      |
| 100 to 199 . . . . .  | farms<br>number  | 2<br>(D)                                       | 2<br>(D)                                 | 1<br>504                                    | 4<br>722                                       | 5<br>722                                       | 13<br>1,662                                      |
| 200 to 499 . . . . .  | farms<br>number  | 2<br>(D)                                       | -<br>(D)                                 | 1<br>-                                      | -<br>2,251                                     | 8<br>1   | 9<br>3   |
| 500 or more . . . . .   | farms<br>number  | -<br>(D)                                       | -<br>(D)                                 | -<br>(D)                                    | -<br>(D)                                       | 1<br>3,192                                     | -  |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Delta  | Dickinson                                     | Eaton                                | Emmet  | Genesee                                       | Gladwin  | Gogebic  |
|---|--|---|--------------------------------------|--|---|--|--|
| <b>INVENTORY - Con.</b>   |  |   |                                      |  |   |  |  |
| Cattle and calves - Con.  |  |   |                                      |  |   |  |  |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997<br>number, 2002<br>1997                          | 27<br>(NA)<br>524<br>(NA)                     | 9<br>(NA)<br>108<br>(NA)             | 78<br>(NA)<br>3,319<br>(NA)                    | 15<br>(NA)<br>337<br>(NA)                     | 62<br>(NA)<br>1,685<br>(NA)                    | 47<br>(NA)<br>482<br>(NA)                      |
| 2002 farms by inventory:  |  |   |                                      |  |   |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 13<br>(D)                                     | 5<br>22                              | 43<br>183                                      | 6<br>(D)                                      | 40<br>155                                      | 30<br>125                                      |
| 10 to 19 . . . . .  | farms<br>number  | 7<br>104                                      | 2<br>(D)                             | 7<br>85  | 4<br>56                                       | 6<br>74  | 11<br>139                                      |
| 20 to 49 . . . . .  | farms<br>number  | 6<br>177                                      | 2<br>(D)                             | 18<br>543                                      | 3<br>76                                       | 9<br>230                                       | 5<br>(D)                                       |
| 50 to 99 . . . . .  | farms<br>number  | -<br>-  | -<br>(D)                             | 2<br>(D)                                       | 1<br>(D)                                      | 4<br>306                                       | -<br>-   |
| 100 to 199 . . . . .  | farms<br>number  | 1<br>(D)                                      | -<br>(D)                             | 2<br>(D)                                       | 1<br>(D)                                      | 1<br>(D)                                       | 1<br>(D)                                       |
| 200 to 499 . . . . .  | farms<br>number  | -<br>-  | -<br>(D)                             | 5<br>1,219                                     | -<br>(D)                                      | 1<br>1   | -<br>-   |
| 500 or more . . . . .   | farms<br>number  | -<br>-  | -<br>(D)                             | 1<br>-   | -<br>(D)                                      | -<br>-   | -<br>-   |
| <b>SALES</b>  |  |   |                                      |  |   |  |  |
| Dairy products sold . . . . .   | farms, 2002<br>1997<br>\$1,000, 2002<br>1997                         | 23<br>33<br>3,153<br>3,211                    | 12<br>9<br>1,671<br>1,112            | 41<br>54<br>4,096<br>5,584                     | 10<br>14<br>1,625<br>2,354                    | 12<br>21<br>3,326<br>3,776                     | 46<br>77<br>1,631<br>3,160                     |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997<br>number, 2002<br>1997<br>\$1,000, 2002<br>1997 | 98<br>135<br>3,026<br>2,843<br>1,416<br>1,050 | 44<br>51<br>800<br>884<br>301<br>307 | 260<br>375<br>7,562<br>9,391<br>4,856<br>6,037 | 82<br>117<br>1,983<br>2,577<br>1,016<br>1,031 | 146<br>198<br>3,994<br>3,908<br>2,357<br>2,226 | 156<br>252<br>2,512<br>3,830<br>1,198<br>1,577 |
| 2002 farms by number sold:  |  |   |                                      |  |   |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 37<br>(D)                                     | 21<br>103                            | 115<br>492                                     | 36<br>153                                     | 85<br>349                                      | 85<br>461                                      |
| 10 to 19 . . . . .  | farms<br>number  | 19<br>252                                     | 5<br>76                              | 62<br>853                                      | 22<br>295                                     | 24<br>314                                      | 40<br>538                                      |
| 20 to 49 . . . . .  | farms<br>number  | 21<br>586                                     | 15<br>451                            | 56<br>1,634                                    | 12<br>335                                     | 22<br>656                                      | 20<br>566                                      |
| 50 to 99 . . . . .  | farms<br>number  | 12<br>807                                     | 3<br>170                             | 19<br>1,241                                    | 5<br>315                                      | 8<br>502                                       | 8<br>581                                       |
| 100 to 199 . . . . .  | farms<br>number  | 8<br>1,020                                    | -<br>470                             | 4<br>885                                       | 7<br>479                                      | 4<br>479                                       | 3<br>366                                       |
| 200 to 499 . . . . .  | farms<br>number  | 1<br>(D)                                      | -<br>(D)                             | 2<br>-   | -<br>-  | -<br>-   | -<br>-   |
| 500 or more . . . . .   | farms<br>number  | -<br>-  | -<br>(D)                             | 2<br>-   | -<br>-  | 3<br>1,694                                     | -<br>-   |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997<br>number, 2002<br>1997                          | 39<br>74<br>1,054<br>1,135                    | 22<br>31<br>357<br>489               | 100<br>183<br>1,281<br>2,492                   | 27<br>63<br>461<br>1,084                      | 53<br>69<br>843<br>863                         | 67<br>146<br>753<br>1,697                      |
| 2002 farms by number sold:  |  |   |                                      |  |   |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 14<br>64                                      | 8<br>(D)                             | 50<br>(D)                                      | 11<br>(D)                                     | 33<br>121                                      | 43<br>206                                      |
| 10 to 19 . . . . .  | farms<br>number  | 13<br>146                                     | 5<br>76                              | 30<br>405                                      | 9<br>123                                      | 5<br>123                                       | 18<br>220                                      |
| 20 to 49 . . . . .  | farms<br>number  | 6<br>201                                      | 8<br>190                             | 19<br>565                                      | 5<br>143                                      | 10<br>281                                      | 3<br>89  |
| 50 to 99 . . . . .  | farms<br>number  | 3<br>208                                      | 1<br>(D)                             | 1<br>(D)                                       | 2<br>(D)                                      | 3<br>187                                       | 2<br>(D)                                       |
| 100 to 199 . . . . .  | farms<br>number  | 2<br>(D)                                      | -<br>(D)                             | -<br>-   | -<br>(D)                                      | 2<br>(D)                                       | 1<br>(D)                                       |
| 200 to 499 . . . . .  | farms<br>number  | 1<br>(D)                                      | -<br>(D)                             | -<br>-   | -<br>-  | -<br>-   | -<br>-   |
| 500 or more . . . . .   | farms<br>number  | -<br>-  | -<br>(D)                             | -<br>-   | -<br>-  | -<br>-   | -<br>-   |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997<br>number, 2002<br>1997                          | 86<br>119<br>1,972<br>1,708                   | 40<br>43<br>443<br>395               | 231<br>298<br>6,281<br>6,899                   | 74<br>95<br>1,522<br>1,493                    | 129<br>168<br>3,151<br>3,045                   | 139<br>194<br>1,759<br>2,133                   |
| 2002 farms by number sold:  |  |   |                                      |  |   |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 42<br>195                                     | 24<br>109                            | 124<br>479                                     | 40<br>154                                     | 81<br>319                                      | 87<br>390                                      |
| 10 to 19 . . . . .  | farms<br>number  | 14<br>196                                     | 9<br>136                             | 51<br>688                                      | 13<br>165                                     | 19<br>239                                      | 32<br>435                                      |
| 20 to 49 . . . . .  | farms<br>number  | 17<br>462                                     | 7<br>198                             | 37<br>1,097                                    | 13<br>381                                     | 21<br>579                                      | 13<br>(D)                                      |
| 50 to 99 . . . . .  | farms<br>number  | 8<br>504                                      | -<br>-                               | 11<br>695                                      | 3<br>206                                      | 3<br>181                                       | 6<br>421                                       |
| 100 to 199 . . . . .  | farms<br>number  | 5<br>615                                      | -<br>-                               | 4<br>450                                       | 5<br>616                                      | 2<br>616                                       | 1<br>(D)                                       |
| 200 to 499 . . . . .  | farms<br>number  | -<br>-  | -<br>(D)                             | 2<br>-   | -<br>(D)                                      | -<br>-   | -<br>-   |
| 500 or more . . . . .   | farms<br>number  | -<br>-  | -<br>(D)                             | 2<br>-   | -<br>(D)                                      | -<br>-   | -<br>-   |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand<br>Traverse  | Gratiot                                       | Hillsdale  | Houghton   | Huron                                | Ingham   | Ionia  | Iosco  |
|---|--|---|--|--|--------------------------------------|--|--|--|
| <b>INVENTORY - Con.</b>   |  |   |  |  |                                      |  |  |  |
| Cattle and calves - Con.  |  |   |  |  |                                      |  |  |  |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997<br>number, 2002<br>1997                          | 25<br>(NA)<br>1,190<br>(NA)                   | 76<br>(NA)<br>8,019<br>(NA)                        | 109<br>(NA)<br>2,773<br>(NA)                     | 4<br>(NA)<br>34<br>(NA)              | 197<br>(NA)<br>45,491<br>(NA)                      | 72<br>(NA)<br>2,365<br>(NA)                    | 150<br>(NA)<br>5,453<br>(NA)                     |
| 2002 farms by inventory:  |  |   |  |  |                                      |  |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 6<br>31                                       | 29<br>(D)<br>219                                   | 56<br>(D)<br>12                                  | 3<br>(D)<br>1                        | 24<br>(D)<br>328                                   | 37<br>(D)<br>278                               | 56<br>263<br>15<br>412<br>27                     |
| 10 to 19 . . . . .  | farms<br>number  | 8<br>111                                      | 20<br>224  | 12<br>(D)<br>816                                 | 1<br>(D)<br>-                        | 25<br>(D)<br>1,333                                 | 15<br>2<br>854                                 | 34<br>10<br>22<br>1,459<br>7                     |
| 20 to 49 . . . . .  | farms<br>number  | 6<br>181                                      | 9<br>234   | 27<br>(D)<br>816                                 | -<br>(D)<br>-                        | 46<br>(D)<br>1,333                                 | 11<br>278                                      | 209<br>132<br>209                                |
| 50 to 99 . . . . .  | farms<br>number  | 1<br>(D)                                      | 1<br>594   | 6<br>427   | -<br>(D)<br>-                        | 34<br>(D)<br>2,180                                 | 2<br>3<br>2<br>3<br>2                          | 22<br>10<br>3<br>1,459<br>3                      |
| 100 to 199 . . . . .  | farms<br>number  | 2<br>(D)                                      | 6<br>686   | 7<br>931   | -<br>(D)<br>1                        | 33<br>4,438<br>22                                  | 3<br>302<br>4                                  | 7<br>845<br>2                                    |
| 200 to 499 . . . . .  | farms<br>number  | 2<br>(D)                                      | 1<br>1   | 1<br>(D)<br>-                                    | -<br>(D)<br>-                        | 6,075<br>1,312                                     | 2<br>2<br>4                                    | -<br>-   |
| 500 or more . . . . .   | farms<br>number  | -<br>(D)                                      | 3<br>5,900   | -<br>(D)   | -<br>-                               | 31,019   | -<br>2<br>-                                    | 1<br>(D)<br>1                                    |
| <b>SALES</b>  |  |   |  |  |                                      |  |  |  |
| Dairy products sold . . . . .   | farms, 2002<br>1997<br>\$1,000, 2002<br>1997                         | 9<br>11<br>781<br>1,426                       | 52<br>65<br>23,055<br>19,728                       | 87<br>104<br>24,003<br>14,510                    | 12<br>13<br>1,047<br>1,146           | 138<br>197<br>43,501<br>29,012                     | 42<br>77<br>11,081<br>13,684                   | 73<br>95<br>28,977<br>24,463                     |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997<br>number, 2002<br>1997<br>\$1,000, 2002<br>1997 | 73<br>116<br>2,535<br>2,344<br>1,817<br>1,189 | 195<br>283<br>22,846<br>18,146<br>14,722<br>10,624 | 271<br>385<br>14,992<br>10,552<br>7,174<br>5,609 | 34<br>57<br>682<br>804<br>326<br>311 | 387<br>489<br>59,811<br>64,599<br>42,970<br>45,694 | 206<br>286<br>5,792<br>9,022<br>3,184<br>4,325 | 313<br>413<br>13,656<br>13,020<br>7,589<br>6,671 |
| 2002 farms by number sold:  |  |   |  |  |                                      |  |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 33<br>149                                     | 72<br>307  | 114<br>437                                       | 16<br>(D)<br>11                      | 77<br>339  | 106<br>474                                     | 124<br>547                                       |
| 10 to 19 . . . . .  | farms<br>number  | 11<br>(D)                                     | 35<br>478  | 59<br>780  | 11<br>151                            | 61<br>824  | 38<br>80                                       | 43<br>586  |
| 20 to 49 . . . . .  | farms<br>number  | 15<br>446                                     | 32<br>958  | 61<br>1,771                                      | 1<br>1,771                           | 103<br>3,091                                       | 33<br>983                                      | 18<br>2,327                                      |
| 50 to 99 . . . . .  | farms<br>number  | 8<br>513                                      | 23<br>1,653  | 15<br>970  | 5<br>280                             | 46<br>3,098  | 15<br>1,010                                    | 33<br>2,125                                      |
| 100 to 199 . . . . .  | farms<br>number  | 5<br>637                                      | 16<br>2,079  | 10<br>1,214                                      | 1<br>1,214                           | 42<br>5,679  | 8<br>1,094                                     | 17<br>2,233                                      |
| 200 to 499 . . . . .  | farms<br>number  | -<br>-  | 11<br>3,219  | 6<br>1,932                                       | -<br>-                               | 33<br>9,547  | 5<br>1,243                                     | 13<br>3,354                                      |
| 500 or more . . . . .   | farms<br>number  | 1<br>(D)                                      | 6<br>14,152  | 6<br>7,888                                       | -<br>-                               | 25<br>37,233                                       | 1<br>(D)                                       | 3<br>2,484                                       |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997<br>number, 2002<br>1997                          | 17<br>35<br>239<br>461                        | 79<br>142<br>5,704<br>4,205                        | 96<br>164<br>5,738<br>2,959                      | 15<br>31<br>186<br>247               | 120<br>157<br>9,249<br>3,895                       | 83<br>131<br>1,805<br>4,013                    | 99<br>179<br>2,672<br>4,346                      |
| 2002 farms by number sold:  |  |   |  |  |                                      |  |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 7<br>32                                       | 27<br>108  | 45<br>156  | 7<br>30                              | 35<br>149  | 46<br>(D)<br>16                                | 43<br>547  |
| 10 to 19 . . . . .  | farms<br>number  | 7<br>84                                       | 7<br>77  | 27<br>333  | 5<br>63                              | 22<br>275  | 16<br>187                                      | 21<br>276  |
| 20 to 49 . . . . .  | farms<br>number  | 2<br>(D)                                      | 19<br>571  | 10<br>93   | 3<br>93                              | 29<br>834  | 12<br>367                                      | 16<br>469  |
| 50 to 99 . . . . .  | farms<br>number  | 1<br>(D)                                      | 13<br>823  | 5<br>352   | -<br>-                               | 13<br>808  | 4<br>259                                       | 12<br>745  |
| 100 to 199 . . . . .  | farms<br>number  | -<br>-  | 4<br>502   | 3<br>360   | -<br>-                               | 11<br>1,334  | 4<br>570                                       | 6<br>785   |
| 200 to 499 . . . . .  | farms<br>number  | -<br>-  | 6<br>1,673   | 4<br>1,568                                       | -<br>-                               | 4<br>1,304   | 1<br>1,304                                     | -<br>-   |
| 500 or more . . . . .   | farms<br>number  | -<br>(D)                                      | 3<br>1,950   | 2<br>(D)   | -<br>-                               | 6<br>4,545   | -<br>-   | -<br>-   |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997<br>number, 2002<br>1997                          | 67<br>108<br>2,296<br>1,883                   | 175<br>223<br>17,142<br>13,941                     | 238<br>327<br>9,254<br>7,593                     | 29<br>50<br>496<br>557               | 349<br>433<br>50,562<br>60,704                     | 182<br>230<br>3,987<br>5,009                   | 295<br>345<br>10,984<br>8,674                    |
| 2002 farms by number sold:  |  |   |  |  |                                      |  |  |  |
| 1 to 9 . . . . .  | farms<br>number  | 34<br>160                                     | 75<br>324  | 109<br>(D)<br>672                                | 16<br>7<br>99                        | 83<br>377<br>756                                   | 103<br>438<br>295                              | 137<br>599<br>26                                 |
| 10 to 19 . . . . .  | farms<br>number  | 10<br>(D)                                     | 32<br>(D)  | 52<br>672  | 7<br>99                              | 56<br>756  | 26<br>295                                      | 154<br>568                                       |
| 20 to 49 . . . . .  | farms<br>number  | 11<br>(D)                                     | 31<br>964  | 49<br>1,371                                      | 5<br>177                             | 86<br>2,550  | 35<br>1,094                                    | 42<br>1,979                                      |
| 50 to 99 . . . . .  | farms<br>number  | 337<br>6                                      | 17<br>1,158  | 15<br>953  | -<br>-                               | 39<br>2,557  | 11<br>766                                      | 22<br>1,684                                      |
| 100 to 199 . . . . .  | farms<br>number  | 376<br>5                                      | 8<br>972   | 7<br>770   | 1<br>(D)                             | 38<br>5,065  | 3<br>406                                       | 12<br>1,420                                      |
| 200 to 499 . . . . .  | farms<br>number  | -<br>-  | 2,397<br>(D)                                       | 2<br>-   | -<br>-                               | 28<br>8,445  | 4<br>988                                       | 9<br>2,250                                       |
| 500 or more . . . . .   | farms<br>number  | 1<br>(D)                                      | 3<br>4,315   | 4<br>-   | -<br>-                               | 19<br>30,812                                       | -<br>-   | 3<br>2,484                                       |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron                | Isabella         | Jackson          | Kalamazoo       | Kalkaska   | Kent             | Keweenaw     | Lake                      |
|---|---------------------|------------------|------------------|-----------------|------------|------------------|--------------|---------------------------|
| <b>INVENTORY - Con.</b>   |                     |                  |                  |                 |            |                  |              |                           |
| Cattle and calves - Con.  |                     |                  |                  |                 |            |                  |              |                           |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997 | 8<br>(NA)        | 108<br>(NA)      | 98<br>(NA)      | 44<br>(NA) | 9<br>(NA)        | 88<br>(NA)   | -<br>(NA)                 |
| number, 2002<br>1997  | 40<br>(NA)          | 4,631<br>(NA)    | 7,815<br>(NA)    | 2,442<br>(NA)   | 65<br>(NA) | 2,542<br>(NA)    | -<br>(NA)    | 12<br>(NA)<br>162<br>(NA) |
| 2002 farms by inventory:  |                     |                  |                  |                 |            |                  |              |                           |
| 1 to 9 . . . . .  | farms<br>number     | 6<br>(D)         | 47<br>176        | 48<br>193       | 24<br>132  | 6<br>16          | 34<br>(D)    | -<br>-                    |
| 10 to 19 . . . . .  | farms<br>number     | 2<br>(D)         | 18<br>233        | 16<br>201       | 10<br>142  | 2<br>1           | 25<br>327    | -<br>-                    |
| 20 to 49 . . . . .  | farms<br>number     | -<br>-           | 19<br>537        | 11<br>280       | 5<br>144   | 1<br>(D)         | 13<br>399    | -<br>-                    |
| 50 to 99 . . . . .  | farms<br>number     | -<br>-           | 12<br>814        | 11<br>683       | 2<br>(D)   | -<br>-           | 9<br>652     | -<br>-                    |
| 100 to 199 . . . . .  | farms<br>number     | -<br>-           | 8<br>1,169       | 3<br>(D)        | 1<br>(D)   | -<br>-           | 6<br>767     | -<br>-                    |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-           | 2<br>2           | 7<br>(D)        | -<br>-     | -<br>(D)         | 1<br>-       | -<br>-                    |
| 500 or more . . . . .   | farms<br>number     | -<br>-           | (D)<br>2         | 2,148<br>(D)    | 2<br>(D)   | -<br>-           | -<br>-       | -<br>-                    |
| <b>SALES</b>  |                     |                  |                  |                 |            |                  |              |                           |
| Dairy products sold . . . . .   | farms, 2002<br>1997 | 2<br>3           | 78<br>128        | 32<br>46        | 18<br>15   | 2<br>7           | 63<br>93     | -<br>-                    |
| \$1,000, 2002<br>1997   | (D)<br>(D)          | 15,879<br>22,246 | 8,199<br>8,098   | 11,456<br>8,260 | (D)<br>597 | 27,736<br>20,296 | -<br>-       | 666<br>546                |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997 | 35<br>52         | 290<br>419       | 245<br>341      | 122<br>160 | 32<br>44         | 261<br>399   | -<br>47                   |
| number, 2002<br>1997  | 653<br>998          | 12,010<br>11,628 | 16,517<br>15,063 | 7,713<br>6,168  | 413<br>605 | 12,555<br>11,819 | -<br>13      | 729<br>927                |
| \$1,000, 2002<br>1997   | 298<br>369          | 7,415<br>6,131   | 11,909<br>10,294 | 3,805<br>3,536  | 211<br>227 | 6,157<br>5,422   | -<br>9       | 381<br>451                |
| 2002 farms by number sold:  |                     |                  |                  |                 |            |                  |              |                           |
| 1 to 9 . . . . .  | farms<br>number     | 17<br>96         | 112<br>496       | 112<br>437      | 69<br>295  | 19<br>(D)        | 116<br>486   | -<br>-                    |
| 10 to 19 . . . . .  | farms<br>number     | 7<br>95          | 60<br>847        | 42<br>566       | 16<br>232  | 8<br>98          | 56<br>755    | -<br>-                    |
| 20 to 49 . . . . .  | farms<br>number     | 8<br>267         | 59<br>1,730      | 46<br>1,336     | 18<br>509  | 3<br>123         | 43<br>1,173  | -<br>172                  |
| 50 to 99 . . . . .  | farms<br>number     | 3<br>195         | 31<br>2,010      | 27<br>1,939     | 9<br>641   | 2<br>(D)         | 17<br>1,122  | -<br>-                    |
| 100 to 199 . . . . .  | farms<br>number     | -<br>2,003       | 16<br>1,130      | 8<br>504        | 4<br>-     | -<br>-           | 17<br>2,279  | -<br>-                    |
| 200 to 499 . . . . .  | farms<br>number     | -<br>2,815       | 9<br>2,329       | 7<br>791        | 3<br>-     | -<br>-           | 8<br>2,478   | -<br>-                    |
| 500 or more . . . . .   | farms<br>number     | -<br>2,109       | 3<br>8,780       | 3<br>4,741      | 3<br>-     | -<br>-           | 4<br>4,262   | -<br>-                    |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997 | 12<br>31         | 109<br>203       | 68<br>144       | 40<br>61   | 11<br>27         | 114<br>181   | -<br>19                   |
| number, 2002<br>1997  | 108<br>413          | 2,787<br>3,203   | 1,642<br>2,230   | 2,568<br>1,229  | 93<br>216  | 4,762<br>4,331   | -<br>(D)     | 39<br>188                 |
| 2002 farms by number sold:  |                     |                  |                  |                 |            |                  |              |                           |
| 1 to 9 . . . . .  | farms<br>number     | 10<br>(D)        | 47<br>242        | 27<br>122       | 25<br>113  | 8<br>33          | 60<br>(D)    | -<br>-                    |
| 10 to 19 . . . . .  | farms<br>number     | 1<br>(D)         | 29<br>358        | 16<br>214       | 4<br>63    | 1<br>(D)         | 22<br>91     | -<br>-                    |
| 20 to 49 . . . . .  | farms<br>number     | -<br>606         | 22<br>606        | 15<br>426       | 5<br>162   | 2<br>(D)         | 16<br>394    | -<br>-                    |
| 50 to 99 . . . . .  | farms<br>number     | 1<br>502         | 7<br>450         | 2<br>(D)        | -<br>-     | 7<br>476         | -<br>-       | -<br>-                    |
| 100 to 199 . . . . .  | farms<br>number     | -<br>(D)         | 2<br>430         | 3<br>(D)        | 1<br>-     | 3<br>430         | -<br>-       | -<br>-                    |
| 200 to 499 . . . . .  | farms<br>number     | -<br>1           | 1<br>(D)         | -<br>-          | 1<br>(D)   | 5<br>-           | 430<br>1,452 | -<br>-                    |
| 500 or more . . . . .   | farms<br>number     | -<br>(D)         | 1<br>-           | 2<br>(D)        | -<br>-     | 1<br>(D)         | -<br>-       | -<br>-                    |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997 | 31<br>40         | 266<br>359       | 233<br>286      | 112<br>138 | 28<br>37         | 241<br>336   | -<br>40                   |
| number, 2002<br>1997  | 545<br>585          | 9,223<br>8,425   | 14,875<br>12,833 | 5,145<br>4,939  | 320<br>389 | 7,793<br>7,488   | -<br>(D)     | 56<br>541                 |
| 2002 farms by number sold:  |                     |                  |                  |                 |            |                  |              |                           |
| 1 to 9 . . . . .  | farms<br>number     | 16<br>67         | 127<br>(D)       | 121<br>472      | 66<br>254  | 18<br>60         | 125<br>474   | -<br>-                    |
| 10 to 19 . . . . .  | farms<br>number     | 5<br>5           | 51<br>699        | 39<br>506       | 12<br>161  | 5<br>1           | 47<br>601    | -<br>-                    |
| 20 to 49 . . . . .  | farms<br>number     | 8<br>267         | 41<br>1,296      | 42<br>1,218     | 22<br>647  | 4<br>132         | 31<br>(D)    | -<br>-                    |
| 50 to 99 . . . . .  | farms<br>number     | 2<br>2,005       | 30<br>1,160      | 17<br>302       | 5<br>1     | 1<br>1,099       | -<br>-       | 110<br>1                  |
| 100 to 199 . . . . .  | farms<br>number     | -<br>1,062       | 8<br>864         | 6<br>404        | 3<br>-     | 17<br>2,170      | -<br>-       | -<br>(D)                  |
| 200 to 499 . . . . .  | farms<br>number     | -<br>2,361       | 7<br>1,875       | 5<br>(D)        | 2<br>-     | 1<br>(D)         | -<br>-       | -<br>-                    |
| 500 or more . . . . .   | farms<br>number     | -<br>(D)         | 2<br>8,780       | 3<br>(D)        | 2<br>-     | 4<br>2,410       | -<br>-       | -<br>-                    |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer              | Leelanau       | Lenawee          | Livingston     | Luce        | Mackinac       | Macomb         | Manistee     |
|---|---------------------|----------------|------------------|----------------|-------------|----------------|----------------|--------------|
| <b>INVENTORY - Con.</b>   |                     |                |                  |                |             |                |                |              |
| Cattle and calves - Con.  |                     |                |                  |                |             |                |                |              |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997 | 103<br>(NA)    | 17<br>(NA)       | 83<br>(NA)     | 43<br>(NA)  | 1<br>(NA)      | 2<br>(NA)      | 12<br>(NA)   |
| number, 2002<br>1997  | 4,112<br>(NA)       | 1,426<br>(NA)  | 4,639<br>(NA)    | 702<br>(NA)    | (D)<br>(NA) | (D)<br>(NA)    | (D)<br>(NA)    | 167<br>(NA)  |
| 2002 farms by inventory:  |                     |                |                  |                |             |                |                |              |
| 1 to 9 . . . . .  | farms<br>number     | 45<br>172      | 5<br>12          | 44<br>194      | 21<br>101   | -<br>-         | 2<br>(D)       | 7<br>31      |
| 10 to 19 . . . . .  | farms<br>number     | 24<br>340      | 1<br>(D)         | 9<br>121       | 11<br>152   | -<br>-         | -<br>-         | 3<br>39      |
| 20 to 49 . . . . .  | farms<br>number     | 20<br>584      | 5<br>108         | 16<br>454      | 8<br>216    | -<br>-         | -<br>(D)       | -<br>-       |
| 50 to 99 . . . . .  | farms<br>number     | 11<br>762      | 3<br>172         | 4<br>(D)       | 2<br>(D)    | 1<br>(D)       | -<br>-         | -<br>-       |
| 100 to 199 . . . . .  | farms<br>number     | 1<br>(D)       | 2<br>(D)         | 4<br>536       | 1<br>(D)    | -<br>-         | -<br>-         | 1<br>(D)     |
| 200 to 499 . . . . .  | farms<br>number     | 1<br>(D)       | -<br>(D)         | 4<br>1,360     | -<br>-      | -<br>-         | -<br>-         | -<br>-       |
| 500 or more . . . . .   | farms<br>number     | 1<br>(D)       | 1<br>(D)         | 2<br>(D)       | -<br>-      | -<br>-         | 1<br>(D)       | -<br>-       |
| <b>SALES</b>  |                     |                |                  |                |             |                |                |              |
| Dairy products sold . . . . .   | farms, 2002<br>1997 | 67<br>99       | 10<br>10         | 38<br>57       | 20<br>42    | -<br>-         | 6<br>10        | 12<br>15     |
| \$1,000, 2002<br>1997   | 8,426<br>11,455     | 734<br>997     | 27,086<br>10,623 | 6,405<br>5,861 | -<br>-      | 1,858<br>1,676 | 1,091<br>1,594 | 141<br>252   |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997 | 299<br>417     | 45<br>69         | 189<br>287     | 120<br>206  | 12<br>13       | 23<br>44       | 49<br>95     |
| number, 2002<br>1997  | 7,881<br>12,981     | 2,620<br>4,333 | 14,997<br>13,719 | 2,578<br>4,953 | 703<br>776  | 938<br>1,166   | 3,271<br>1,247 | 1,346<br>975 |
| \$1,000, 2002<br>1997   | 5,319<br>8,629      | 2,057<br>3,236 | 7,980<br>8,738   | 1,243<br>2,441 | 394<br>(D)  | 440<br>532     | 2,462<br>589   | 775<br>431   |
| 2002 farms by number sold:  |                     |                |                  |                |             |                |                |              |
| 1 to 9 . . . . .  | farms<br>number     | 141<br>558     | 19<br>82         | 93<br>377      | 65<br>(D)   | 2<br>(D)       | 9<br>41        | 26<br>104    |
| 10 to 19 . . . . .  | farms<br>number     | 80<br>1,050    | 6<br>85          | 24<br>325      | 18<br>256   | 3<br>46        | 2<br>(D)       | 11<br>139    |
| 20 to 49 . . . . .  | farms<br>number     | 49<br>1,569    | 11<br>316        | 33<br>946      | 28<br>802   | 4<br>124       | 7<br>209       | 11<br>277    |
| 50 to 99 . . . . .  | farms<br>number     | 17<br>(D)      | 5<br>316         | 14<br>926      | 4<br>283    | -<br>-         | 2<br>(D)       | 2<br>(D)     |
| 100 to 199 . . . . .  | farms<br>number     | 10<br>1,293    | 1<br>(D)         | 11<br>1,387    | 3<br>377    | 3<br>(D)       | 2<br>(D)       | -<br>(D)     |
| 200 to 499 . . . . .  | farms<br>number     | 1<br>(D)       | 2<br>(D)         | 6<br>1,541     | 2<br>(D)    | 1<br>(D)       | 1<br>(D)       | -<br>(D)     |
| 500 or more . . . . .   | farms<br>number     | 1<br>(D)       | 1<br>(D)         | 8<br>9,495     | -<br>-      | -<br>-         | -<br>(D)       | -<br>-       |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997 | 107<br>171     | 16<br>27         | 72<br>105      | 42<br>89    | 3<br>5         | 10<br>19       | 21<br>45     |
| number, 2002<br>1997  | 1,579<br>2,934      | 176<br>239     | 5,734<br>1,824   | 1,069<br>1,603 | (D)<br>57   | 281<br>281     | 214<br>545     | 400<br>380   |
| 2002 farms by number sold:  |                     |                |                  |                |             |                |                |              |
| 1 to 9 . . . . .  | farms<br>number     | 58<br>(D)      | 8<br>28          | 35<br>(D)      | 24<br>(D)   | 2<br>(D)       | 4<br>(D)       | 12<br>36     |
| 10 to 19 . . . . .  | farms<br>number     | 20<br>241      | 5<br>66          | 12<br>176      | 5<br>60     | 1<br>(D)       | 1<br>(D)       | 4<br>41      |
| 20 to 49 . . . . .  | farms<br>number     | 21<br>577      | 3<br>82          | 14<br>380      | 8<br>282    | -<br>-         | 4<br>104       | 5<br>137     |
| 50 to 99 . . . . .  | farms<br>number     | 6<br>342       | -<br>-           | 3<br>196       | 3<br>198    | -<br>-         | -<br>104       | -<br>-       |
| 100 to 199 . . . . .  | farms<br>number     | 2<br>(D)       | -<br>(D)         | 2<br>196       | 1<br>198    | -<br>-         | 1<br>(D)       | -<br>-       |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-         | -<br>-           | 4<br>1,414     | 1<br>(D)    | -<br>-         | -<br>-         | -<br>-       |
| 500 or more . . . . .   | farms<br>number     | -<br>-         | -<br>(D)         | 2<br>-         | -<br>-      | -<br>-         | -<br>-         | -<br>-       |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997 | 271<br>353     | 40<br>60         | 166<br>240     | 106<br>176  | 12<br>9        | 19<br>34       | 43<br>76     |
| number, 2002<br>1997  | 6,302<br>10,047     | 2,444<br>4,094 | 9,263<br>11,895  | 1,509<br>3,350 | (D)<br>719  | 657<br>885     | 3,057<br>702   | 946<br>595   |
| 2002 farms by number sold:  |                     |                |                  |                |             |                |                |              |
| 1 to 9 . . . . .  | farms<br>number     | 147<br>581     | 17<br>82         | 93<br>383      | 61<br>247   | 2<br>(D)       | 10<br>48       | 25<br>(D)    |
| 10 to 19 . . . . .  | farms<br>number     | 62<br>786      | 6<br>86          | 15<br>180      | 17<br>228   | 3<br>46        | 1<br>(D)       | 167<br>188   |
| 20 to 49 . . . . .  | farms<br>number     | 46<br>1,411    | 10<br>244        | 29<br>860      | 24<br>636   | 4<br>108       | 3<br>89        | 14<br>90     |
| 50 to 99 . . . . .  | farms<br>number     | 8<br>211       | 3<br>690         | 11<br>(D)      | 2<br>-      | 2<br>-         | 2<br>89        | 3<br>(D)     |
| 100 to 199 . . . . .  | farms<br>number     | 6<br>727       | 1<br>(D)         | 9<br>1,131     | 2<br>(D)    | 2<br>(D)       | 3<br>405       | -<br>-       |
| 200 to 499 . . . . .  | farms<br>number     | 1<br>(D)       | 2<br>(D)         | 4<br>1,163     | 1<br>(D)    | 1<br>(D)       | -<br>-         | 1<br>(D)     |
| 500 or more . . . . .   | farms<br>number     | 1<br>(D)       | 1<br>(D)         | 5<br>4,856     | -<br>-      | -<br>-         | -<br>(D)       | -<br>-       |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Marquette           | Mason          | Mecosta        | Menominee        | Midland        | Missaukee        | Monroe         | Montcalm         |
|---|---------------------|----------------|----------------|------------------|----------------|------------------|----------------|------------------|
| <b>INVENTORY - Con.</b>   |                     |                |                |                  |                |                  |                |                  |
| Cattle and calves - Con.  |                     |                |                |                  |                |                  |                |                  |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997 | 7<br>(NA)      | 26<br>(NA)     | 57<br>(NA)       | 39<br>(NA)     | 25<br>(NA)       | 31<br>(NA)     | 49<br>(NA)       |
| number, 2002<br>1997  | 128<br>(NA)         | 796<br>(NA)    | 857<br>(NA)    | 1,291<br>(NA)    | 517<br>(NA)    | 1,073<br>(NA)    | 2,254<br>(NA)  | 2,910<br>(NA)    |
| 2002 farms by inventory:  |                     |                |                |                  |                |                  |                |                  |
| 1 to 9 . . . . .  | farms<br>number     | 5<br>(D)       | 15<br>70       | 33<br>168        | 13<br>61       | 17<br>95         | 17<br>65       | 27<br>122        |
| 10 to 19 . . . . .  | farms<br>number     | 1<br>(D)       | 3<br>33        | 13<br>164        | 5<br>66        | 5<br>(D)         | 6<br>83        | 7<br>(D)         |
| 20 to 49 . . . . .  | farms<br>number     | -<br>-         | 4<br>113       | 7<br>(D)         | 12<br>330      | 2<br>(D)         | 1<br>(D)       | 6<br>175         |
| 50 to 99 . . . . .  | farms<br>number     | 1<br>(D)       | 1<br>(D)       | 3<br>215         | 5<br>365       | -<br>-           | 285<br>195     | 9<br>195         |
| 100 to 199 . . . . .  | farms<br>number     | -<br>-         | 1<br>(D)       | 1<br>(D)         | 4<br>469       | -<br>-           | 1<br>(D)       | 2<br>(D)         |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-         | 2<br>(D)       | -<br>-           | -<br>-         | 1<br>(D)         | 2<br>(D)       | 4<br>1,315       |
| 500 or more . . . . .   | farms<br>number     | -<br>-         | -<br>-         | -<br>-           | -<br>-         | -<br>-           | -<br>-         | -<br>-           |
| <b>SALES</b>  |                     |                |                |                  |                |                  |                |                  |
| Dairy products sold . . . . .   | farms, 2002<br>1997 | 6<br>7         | 27<br>45       | 108<br>117       | 72<br>84       | 10<br>11         | 76<br>89       | 10<br>15         |
| \$1,000, 2002<br>1997   | 1,342<br>1,447      | 5,462<br>5,962 | 9,438<br>9,933 | 14,513<br>12,710 | 4,765<br>1,722 | 24,350<br>24,521 | 1,072<br>1,385 | 25,222<br>15,641 |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997 | 35<br>44       | 100<br>152     | 276<br>324       | 149<br>201     | 96<br>144        | 149<br>184     | 108<br>157       |
| number, 2002<br>1997  | 643<br>749          | 3,035<br>3,067 | 6,128<br>6,141 | 5,281<br>5,347   | 2,891<br>2,305 | 8,059<br>8,985   | 4,248<br>5,087 | 12,708<br>8,911  |
| \$1,000, 2002<br>1997   | 265<br>265          | 1,523<br>1,400 | 3,102<br>2,448 | 2,409<br>2,250   | 1,188<br>1,054 | 3,686<br>3,461   | 3,285<br>3,558 | 5,604<br>3,915   |
| 2002 farms by number sold:  |                     |                |                |                  |                |                  |                |                  |
| 1 to 9 . . . . .  | farms<br>number     | 21<br>67       | 44<br>174      | 134<br>687       | 48<br>218      | 54<br>235        | 48<br>218      | 61<br>233        |
| 10 to 19 . . . . .  | farms<br>number     | 3<br>3         | 23<br>297      | 71<br>952        | 30<br>393      | 23<br>318        | 15<br>(D)      | 17<br>(D)        |
| 20 to 49 . . . . .  | farms<br>number     | 6<br>156       | 20<br>625      | 45<br>1,326      | 43<br>1,384    | 13<br>358        | 36<br>1,118    | 17<br>529        |
| 50 to 99 . . . . .  | farms<br>number     | 4<br>265       | 6<br>433       | 13<br>809        | 19<br>1,389    | 1<br>6           | 22<br>(D)      | 6<br>1,572       |
| 100 to 199 . . . . .  | farms<br>number     | 1<br>674       | 4<br>1,312     | 10<br>833        | 6<br>833       | 2<br>(D)         | 22<br>(D)      | 1<br>3,046       |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-         | 3<br>832       | 2<br>(D)         | 2<br>(D)       | 1<br>1           | 5<br>1,313     | 3<br>834         |
| 500 or more . . . . .   | farms<br>number     | -<br>-         | -<br>-         | 1<br>(D)         | 1<br>(D)       | 2<br>(D)         | 1<br>(D)       | 3<br>1,938       |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997 | 18<br>27       | 43<br>62       | 139<br>187       | 68<br>127      | 34<br>82         | 85<br>123      | 22<br>44         |
| number, 2002<br>1997  | 210<br>438          | 799<br>1,139   | 2,425<br>2,356 | 1,984<br>2,217   | 1,194<br>756   | 3,411<br>3,790   | 287<br>506     | 131<br>6,430     |
| \$1,000, 2002<br>1997   | 438                 | 1,139          | 2,356          | 2,217            | 756            | 3,790            | 506            | 3,609            |
| 2002 farms by number sold:  |                     |                |                |                  |                |                  |                |                  |
| 1 to 9 . . . . .  | farms<br>number     | 14<br>(D)      | 22<br>84       | 83<br>364        | 18<br>(D)      | 23<br>92         | 25<br>(D)      | 12<br>47         |
| 10 to 19 . . . . .  | farms<br>number     | -<br>-         | 10<br>122      | 27<br>321        | 20<br>276      | 3<br>30          | 13<br>180      | 6<br>80          |
| 20 to 49 . . . . .  | farms<br>number     | 3<br>98        | 8<br>235       | 18<br>469        | 21<br>567      | 4<br>123         | 21<br>614      | 2<br>614         |
| 50 to 99 . . . . .  | farms<br>number     | 1<br>1         | -<br>-         | 8<br>496         | 4<br>238       | 2<br>(D)         | 18<br>1,172    | 9<br>(D)         |
| 100 to 199 . . . . .  | farms<br>number     | -<br>-         | 3<br>358       | 2<br>(D)         | 4<br>578       | 1<br>(D)         | 7<br>958       | 2<br>-           |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-         | -<br>-         | -<br>-           | 1<br>(D)       | -<br>-           | 1<br>(D)       | 1<br>-           |
| 500 or more . . . . .   | farms<br>number     | -<br>-         | -<br>-         | 1<br>(D)         | -<br>-         | 1<br>(D)         | -<br>-         | 4<br>3,800       |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997 | 31<br>37       | 90<br>129      | 235<br>258       | 142<br>173     | 92<br>103        | 131<br>140     | 102<br>141       |
| number, 2002<br>1997  | 433<br>311          | 2,236<br>1,928 | 3,703<br>3,785 | 3,297<br>3,130   | 1,697<br>1,549 | 4,648<br>5,195   | 3,961<br>4,581 | 256<br>6,278     |
| \$1,000, 2002<br>1997   | 311                 | 1,928          | 3,785          | 3,130            | 1,549          | 5,195            | 4,581          | 5,302            |
| 2002 farms by number sold:  |                     |                |                |                  |                |                  |                |                  |
| 1 to 9 . . . . .  | farms<br>number     | 21<br>40       | 47<br>(D)      | 139<br>621       | 57<br>265      | 59<br>244        | 51<br>212      | 61<br>240        |
| 10 to 19 . . . . .  | farms<br>number     | 4<br>55        | 17<br>215      | 46<br>589        | 42<br>535      | 21<br>300        | 16<br>231      | 15<br>178        |
| 20 to 49 . . . . .  | farms<br>number     | 3<br>88        | 15<br>417      | 35<br>968        | 23<br>(D)      | 8<br>219         | 36<br>1,169    | 17<br>526        |
| 50 to 99 . . . . .  | farms<br>number     | 2<br>1         | 6<br>434       | 9<br>553         | 16<br>1,152    | 1<br>(D)         | 17<br>1,173    | 2<br>1,077       |
| 100 to 199 . . . . .  | farms<br>number     | 1<br>1         | 4<br>594       | 4<br>(D)         | 3<br>300       | 2<br>(D)         | 7<br>957       | 1<br>1,084       |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-         | 1<br>(D)       | 2<br>(D)         | 1<br>(D)       | -<br>-           | 4<br>906       | 3<br>834         |
| 500 or more . . . . .   | farms<br>number     | -<br>-         | -<br>-         | -<br>-           | -<br>-         | 1<br>(D)         | -<br>-         | 3<br>1,928       |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency         | Muskegon         | Newaygo          | Oakland     | Oceana         | Ogemaw           | Ontonagon      | Osceola          |
|---|---------------------|------------------|------------------|-------------|----------------|------------------|----------------|------------------|
| <b>INVENTORY - Con.</b>   |                     |                  |                  |             |                |                  |                |                  |
| Cattle and calves - Con.  |                     |                  |                  |             |                |                  |                |                  |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997 | 12<br>(NA)       | 39<br>(NA)       | 80<br>(NA)  | 11<br>(NA)     | 35<br>(NA)       | 24<br>(NA)     | 5<br>(NA)        |
| number, 2002<br>1997  | 114<br>(NA)         | 924<br>(NA)      | 2,349<br>(NA)    | 91<br>(NA)  | 1,256<br>(NA)  | 2,971<br>(NA)    | 46<br>(NA)     | 725<br>(NA)      |
| 2002 farms by inventory:  |                     |                  |                  |             |                |                  |                |                  |
| 1 to 9 . . . . .  | farms<br>number     | 10<br>(D)        | 14<br>(D)        | 49<br>202   | 8<br>33        | 8<br>26          | 7<br>33        | 2<br>(D)         |
| 10 to 19 . . . . .  | farms<br>number     | 1<br>(D)         | 10<br>130        | 10<br>(D)   | 2<br>(D)       | 6<br>71          | 3<br>44        | 3<br>(D)         |
| 20 to 49 . . . . .  | farms<br>number     | -<br>-           | 9<br>208         | 8<br>257    | 1<br>(D)       | 13<br>386        | 2<br>(D)       | 4<br>(D)         |
| 50 to 99 . . . . .  | farms<br>number     | 1<br>(D)         | 4<br>269         | 7<br>397    | -<br>-         | 3<br>150         | 10<br>(D)      | -<br>-           |
| 100 to 199 . . . . .  | farms<br>number     | -<br>-           | 2<br>(D)         | 4<br>455    | -<br>-         | 5<br>623         | -<br>-         | -<br>-           |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-           | -<br>(D)         | 1<br>1      | -<br>-         | -<br>-           | 1<br>(D)       | 1<br>(D)         |
| 500 or more . . . . .   | farms<br>number     | -<br>-           | -<br>(D)         | 1<br>-      | -<br>-         | -<br>-           | 1<br>(D)       | -<br>-           |
| <b>SALES</b>  |                     |                  |                  |             |                |                  |                |                  |
| Dairy products sold . . . . .   | farms, 2002<br>1997 | 8<br>12          | 29<br>38         | 88<br>126   | 3<br>5         | 27<br>41         | 36<br>55       | 10<br>14         |
| \$1,000, 2002<br>1997   | 1,540<br>1,477      | 12,251<br>14,492 | 31,353<br>19,447 | (D)<br>555  | (D)<br>8,256   | 11,436<br>12,137 | 1,089<br>1,049 | 11,004<br>12,117 |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997 | 53<br>70         | 101<br>142       | 252<br>356  | 58<br>79       | 127<br>181       | 113<br>167     | 36<br>49         |
| number, 2002<br>1997  | 888<br>1,294        | 5,872<br>7,042   | 10,556<br>9,083  | 365<br>921  | 3,614<br>5,304 | 10,587<br>11,829 | 1,469<br>1,336 | 6,167<br>7,577   |
| \$1,000, 2002<br>1997   | 361<br>601          | 3,243<br>3,060   | 4,723<br>4,288   | 231<br>448  | 1,953<br>2,301 | 6,829<br>6,753   | 785<br>530     | 2,973<br>3,099   |
| 2002 farms by number sold:  |                     |                  |                  |             |                |                  |                |                  |
| 1 to 9 . . . . .  | farms<br>number     | 29<br>146        | 41<br>(D)        | 115<br>446  | 48<br>181      | 59<br>241        | 37<br>186      | 13<br>(D)        |
| 10 to 19 . . . . .  | farms<br>number     | 12<br>166        | 24<br>317        | 43<br>549   | 7<br>89        | 28<br>383        | 19<br>280      | 8<br>106         |
| 20 to 49 . . . . .  | farms<br>number     | 7<br>179         | 22<br>652        | 54<br>1,621 | 2<br>(D)       | 26<br>814        | 26<br>865      | 8<br>252         |
| 50 to 99 . . . . .  | farms<br>number     | 5<br>397         | 4<br>265         | 21<br>1,441 | 1<br>(D)       | 15<br>476        | 15<br>476      | 3<br>223         |
| 100 to 199 . . . . .  | farms<br>number     | -<br>929         | 6<br>929         | 13<br>1,784 | -<br>-         | 4<br>614         | 13<br>1,804    | 3<br>450         |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-           | 1<br>(D)         | 3<br>745    | -<br>(D)       | 2<br>(D)         | 1<br>(D)       | 1<br>(D)         |
| 500 or more . . . . .   | farms<br>number     | -<br>-           | 3<br>3,325       | 3<br>3,970  | -<br>(D)       | 1<br>(D)         | -<br>-         | -<br>-           |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997 | 25<br>34         | 36<br>64         | 106<br>193  | 13<br>32       | 55<br>94         | 52<br>91       | 16<br>28         |
| number, 2002<br>1997  | 383<br>460          | 1,700<br>2,659   | 4,852<br>3,185   | 82<br>298   | 1,031<br>2,791 | 1,913<br>2,983   | 348<br>536     | 2,297<br>2,934   |
| 2002 farms by number sold:  |                     |                  |                  |             |                |                  |                |                  |
| 1 to 9 . . . . .  | farms<br>number     | 14<br>62         | 19<br>64         | 39<br>148   | 9<br>32        | 27<br>119        | 15<br>70       | 6<br>(D)         |
| 10 to 19 . . . . .  | farms<br>number     | 4<br>(D)         | 10<br>128        | 30<br>397   | 3<br>(D)       | 13<br>155        | 11<br>147      | 4<br>54          |
| 20 to 49 . . . . .  | farms<br>number     | 5<br>141         | 3<br>106         | 20<br>593   | 1<br>(D)       | 12<br>323        | 11<br>330      | 4<br>120         |
| 50 to 99 . . . . .  | farms<br>number     | 2<br>(D)         | 1<br>591         | 9<br>-      | -<br>-         | -<br>-           | 10<br>681      | 1<br>(D)         |
| 100 to 199 . . . . .  | farms<br>number     | -<br>(D)         | 2<br>583         | 5<br>-      | 2<br>(D)       | 5<br>685         | 1<br>(D)       | 4<br>535         |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-           | -<br>(D)         | 1<br>-      | 1<br>(D)       | -<br>-           | -<br>-         | -<br>-           |
| 500 or more . . . . .   | farms<br>number     | -<br>-           | 1<br>(D)         | 2<br>(D)    | -<br>-         | -<br>-           | -<br>-         | -<br>-           |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997 | 43<br>52         | 91<br>120        | 228<br>296  | 53<br>50       | 117<br>156       | 97<br>133      | 34<br>39         |
| number, 2002<br>1997  | 505<br>834          | 4,172<br>4,383   | 5,704<br>5,898   | 283<br>623  | 2,583<br>2,513 | 8,674<br>8,846   | 1,121<br>800   | 193<br>260       |
| 2002 farms by number sold:  |                     |                  |                  |             |                |                  |                |                  |
| 1 to 9 . . . . .  | farms<br>number     | 27<br>127        | 42<br>170        | 129<br>490  | 46<br>151      | 67<br>(D)        | 36<br>164      | 14<br>420        |
| 10 to 19 . . . . .  | farms<br>number     | 9<br>131         | 19<br>257        | 39<br>497   | 6<br>(D)       | 21<br>260        | 19<br>255      | 6<br>54          |
| 20 to 49 . . . . .  | farms<br>number     | 5<br>(D)         | 18<br>537        | 36<br>1,067 | -<br>-         | 18<br>548        | 25<br>(D)      | 42<br>454        |
| 50 to 99 . . . . .  | farms<br>number     | 2<br>(D)         | 4<br>225         | 13<br>824   | 1<br>(D)       | 6<br>394         | 10<br>669      | 3<br>266         |
| 100 to 199 . . . . .  | farms<br>number     | -<br>(D)         | 5<br>758         | 7<br>896    | -<br>-         | 3<br>340         | 6<br>749       | 1<br>220         |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-           | -<br>(D)         | 2<br>-      | -<br>(D)       | -<br>-           | 1<br>(D)       | -<br>-           |
| 500 or more . . . . .   | farms<br>number     | -<br>-           | 3<br>2,225       | 2<br>(D)    | -<br>-         | 1<br>(D)         | 1<br>(D)       | -<br>-           |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda              | Otsego         | Ottawa           | Presque Isle   | Roscommon  | Saginaw        | St. Clair      | St. Joseph     |
|---|---------------------|----------------|------------------|----------------|------------|----------------|----------------|----------------|
| <b>INVENTORY - Con.</b>   |                     |                |                  |                |            |                |                |                |
| Cattle and calves - Con.  |                     |                |                  |                |            |                |                |                |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997 | 13<br>(NA)     | 9<br>(NA)        | 136<br>(NA)    | 19<br>(NA) | -<br>(NA)      | 81<br>(NA)     | 83<br>(NA)     |
| number, 2002<br>1997  | 383<br>(NA)         | 300<br>(NA)    | 6,291<br>(NA)    | 161<br>(NA)    | (NA)       | 2,472<br>(NA)  | 2,379<br>(NA)  | 1,508<br>(NA)  |
| 2002 farms by inventory:  |                     |                |                  |                |            |                |                |                |
| 1 to 9 . . . . .  | farms<br>number     | 4<br>(D)       | 2<br>(D)         | 53<br>238      | 14<br>62   | -<br>-         | 28<br>124      | 33<br>122      |
| 10 to 19 . . . . .  | farms<br>number     | 1<br>(D)       | 3<br>32          | 25<br>338      | 4<br>(D)   | -<br>-         | 19<br>243      | 23<br>277      |
| 20 to 49 . . . . .  | farms<br>number     | 5<br>156       | 1<br>(D)         | 26<br>705      | 1<br>(D)   | -<br>-         | 19<br>564      | 12<br>544      |
| 50 to 99 . . . . .  | farms<br>number     | 3<br>192       | 2<br>(D)         | 13<br>837      | -<br>-     | -<br>-         | 11<br>756      | 4<br>237       |
| 100 to 199 . . . . .  | farms<br>number     | -<br>-         | 1<br>(D)         | 10<br>1,293    | -<br>-     | -<br>-         | 2<br>(D)       | 2<br>(D)       |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-         | -<br>(D)         | 9<br>2,880     | -<br>-     | -<br>-         | 2<br>(D)       | 1<br>(D)       |
| 500 or more . . . . .   | farms<br>number     | -<br>-         | -<br>(D)         | -<br>2,880     | -<br>-     | -<br>-         | -<br>(D)       | -<br>(D)       |
| <b>SALES</b>  |                     |                |                  |                |            |                |                |                |
| Dairy products sold . . . . .   | farms, 2002<br>1997 | 25<br>20       | 4<br>5           | 82<br>140      | 14<br>37   | -<br>-         | 33<br>40       | 30<br>35       |
| \$1,000, 2002<br>1997   | 2,049<br>1,075      | 471<br>459     | 28,423<br>29,544 | 2,882<br>3,610 | -<br>-     | 5,439<br>5,468 | 3,221<br>3,470 | 3,637<br>6,748 |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997 | 51<br>60       | 41<br>47         | 326<br>508     | 102<br>180 | 9<br>14        | 155<br>225     | 220<br>328     |
| number, 2002<br>1997  | 1,746<br>1,070      | 1,240<br>1,518 | 29,988<br>48,997 | 2,139<br>3,618 | 205<br>240 | 4,936<br>4,413 | 4,720<br>5,168 | 4,635<br>5,264 |
| \$1,000, 2002<br>1997   | 868<br>417          | 671<br>686     | 14,022<br>12,211 | 914<br>1,530   | 107<br>(D) | 2,655<br>2,451 | 3,166<br>2,778 | 3,479<br>2,611 |
| 2002 farms by number sold:  |                     |                |                  |                |            |                |                |                |
| 1 to 9 . . . . .  | farms<br>number     | 11<br>(D)      | 18<br>(D)        | 119<br>535     | 52<br>(D)  | 5<br>30        | 69<br>305      | 120<br>463     |
| 10 to 19 . . . . .  | farms<br>number     | 7<br>103       | 9<br>126         | 63<br>854      | 18<br>231  | 2<br>(D)       | 28<br>364      | 42<br>580      |
| 20 to 49 . . . . .  | farms<br>number     | 18<br>565      | 7<br>194         | 64<br>1,773    | 22<br>629  | 1<br>(D)       | 33<br>996      | 40<br>1,069    |
| 50 to 99 . . . . .  | farms<br>number     | 13<br>790      | 5<br>331         | 41<br>2,667    | 6<br>431   | -<br>-         | 14<br>928      | 11<br>671      |
| 100 to 199 . . . . .  | farms<br>number     | 2<br>(D)       | -<br>-           | 18<br>2,643    | 3<br>361   | 1<br>(D)       | 7<br>943       | 4<br>592       |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-         | 2<br>(D)         | 11<br>2,795    | 1<br>(D)   | -<br>-         | 4<br>1,400     | 1<br>(D)       |
| 500 or more . . . . .   | farms<br>number     | -<br>-         | -<br>(D)         | 10<br>18,721   | -<br>-     | -<br>-         | -<br>(D)       | 2<br>(D)       |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997 | 22<br>36       | 11<br>22         | 123<br>239     | 31<br>96   | 5<br>8         | 39<br>73       | 71<br>132      |
| number, 2002<br>1997  | 454<br>355          | 84<br>266      | 18,307<br>37,676 | 798<br>1,422   | 26<br>(D)  | 1,650<br>1,055 | 778<br>1,580   | 912<br>1,445   |
| 2002 farms by number sold:  |                     |                |                  |                |            |                |                |                |
| 1 to 9 . . . . .  | farms<br>number     | 4<br>(D)       | 9<br>(D)         | 46<br>(D)      | 17<br>75   | 5<br>26        | 12<br>49       | 43<br>(D)      |
| 10 to 19 . . . . .  | farms<br>number     | 8<br>90        | 1<br>90          | 30<br>389      | 4<br>438   | -<br>-         | 10<br>127      | 16<br>212      |
| 20 to 49 . . . . .  | farms<br>number     | 8<br>218       | 1<br>218         | 19<br>515      | 5<br>157   | -<br>-         | 7<br>199       | 10<br>279      |
| 50 to 99 . . . . .  | farms<br>number     | 2<br>(D)       | -<br>-           | 12<br>807      | 3<br>200   | -<br>-         | 6<br>370       | 2<br>(D)       |
| 100 to 199 . . . . .  | farms<br>number     | -<br>-         | -<br>(D)         | 9<br>1,348     | 1<br>1,348 | -<br>-         | 2<br>(D)       | -<br>-         |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-         | -<br>(D)         | 1<br>1         | 1<br>1     | -<br>-         | 2<br>(D)       | -<br>(D)       |
| 500 or more . . . . .   | farms<br>number     | -<br>-         | -<br>(D)         | 6<br>14,678    | -<br>-     | -<br>-         | -<br>-         | -<br>-         |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997 | 49<br>50       | 36<br>33         | 294<br>412     | 96<br>147  | 5<br>8         | 147<br>199     | 198<br>267     |
| number, 2002<br>1997  | 1,292<br>715        | 1,156<br>1,252 | 11,681<br>11,321 | 1,341<br>2,196 | 179<br>(D) | 3,286<br>3,358 | 3,942<br>3,588 | 3,723<br>3,819 |
| 2002 farms by number sold:  |                     |                |                  |                |            |                |                |                |
| 1 to 9 . . . . .  | farms<br>number     | 16<br>(D)      | 15<br>(D)        | 121<br>521     | 54<br>210  | 1<br>26        | 73<br>49       | 116<br>(D)     |
| 10 to 19 . . . . .  | farms<br>number     | 10<br>134      | 8<br>109         | 65<br>838      | 17<br>242  | 2<br>26        | 27<br>339      | 93<br>485      |
| 20 to 49 . . . . .  | farms<br>number     | 12<br>388      | 7<br>216         | 49<br>1,413    | 19<br>500  | 1<br>26        | 30<br>877      | 36<br>621      |
| 50 to 99 . . . . .  | farms<br>number     | 10<br>566      | 4<br>263         | 30<br>2,012    | 6<br>389   | -<br>-         | 11<br>759      | 5<br>288       |
| 100 to 199 . . . . .  | farms<br>number     | 1<br>(D)       | -<br>(D)         | 20<br>2,917    | -<br>-     | 1<br>26        | 4<br>487       | 3<br>487       |
| 200 to 499 . . . . .  | farms<br>number     | -<br>-         | 2<br>(D)         | 5<br>1,180     | -<br>-     | -<br>-         | 2<br>(D)       | 1<br>(D)       |
| 500 or more . . . . .   | farms<br>number     | -<br>-         | -<br>(D)         | 4<br>2,800     | -<br>-     | -<br>-         | -<br>(D)       | 2<br>(D)       |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac  | Schoolcraft  | Shiawassee                             | Tuscola  | Van Buren                                      | Washtenaw                                      | Wayne  | Wexford                            |
|---|--|--|--|--|--|--|--|------------------------------------|
| <b>INVENTORY - Con.</b>   |  |  |  |  |  |  |  |                                    |
| Cattle and calves - Con.  |  |  |  |  |  |  |  |                                    |
| Cattle on feed (see text) . . . . .                                     | farms, 2002<br>1997<br>number, 2002<br>1997                          | 174<br>(NA)<br>9,732<br>(NA)                       | 6<br>(NA)<br>192<br>(NA)               | 79<br>(NA)<br>1,552<br>(NA)                    | 106<br>(NA)<br>3,292<br>(NA)                   | 40<br>(NA)<br>820<br>(NA)                      | 70<br>(NA)<br>3,768<br>(NA)                    | 4<br>(NA)<br>21<br>(NA)            |
| 2002 farms by inventory:  |  |  |  |  |  |  |  |                                    |
| 1 to 9 . . . . .  | farms<br>number  | 51<br>227  | 3<br>(D)                               | 35<br>(D)                                      | 47<br>(D)                                      | 24<br>(D)                                      | 24<br>90                                       | 3<br>(D)                           |
| 10 to 19 . . . . .  | farms<br>number  | 28<br>392  | 1<br>(D)                               | 22<br>(D)                                      | 22<br>(D)                                      | 5<br>(D)                                       | 12<br>149                                      | 1<br>(D)                           |
| 20 to 49 . . . . .  | farms<br>number  | 37<br>1,073  | -                                      | 10<br>348                                      | 19<br>527                                      | 6<br>198                                       | 21<br>613                                      | -<br>3                             |
| 50 to 99 . . . . .  | farms<br>number  | 24<br>1,638  | 2<br>(D)                               | 11<br>672                                      | 11<br>745                                      | 3<br>198                                       | 6<br>418                                       | -<br>-                             |
| 100 to 199 . . . . .  | farms<br>number  | 23<br>3,186  | -                                      | 1<br>(D)                                       | 6<br>713                                       | 2<br>(D)                                       | 3<br>(D)                                       | -<br>-                             |
| 200 to 499 . . . . .  | farms<br>number  | 11<br>3,216  | -                                      | -<br>(D)                                       | -<br>1   | -<br>(D)                                       | 3<br>735                                       | -<br>1                             |
| 500 or more . . . . .   | farms<br>number  | -  | -                                      | -<br>(D)                                       | -<br>-   | -<br>(D)                                       | -<br>-   | (D)                                |
| <b>SALES</b>  |  |  |  |  |  |  |  |                                    |
| Dairy products sold . . . . .   | farms, 2002<br>1997<br>\$1,000, 2002<br>1997                         | 214<br>306<br>42,109<br>45,352                     | 3<br>3<br>(D)                          | 44<br>64<br>8,342                              | 53<br>78<br>9,821                              | 23<br>31<br>4,971                              | 36<br>53<br>7,423                              | -<br>4<br>9,679                    |
| Cattle and calves sold . . . . .  | farms, 2002<br>1997<br>number, 2002<br>1997<br>\$1,000, 2002<br>1997 | 510<br>702<br>27,425<br>22,615<br>16,200<br>10,488 | 18<br>23<br>534<br>4,452<br>842<br>274 | 183<br>273<br>4,452<br>5,696<br>2,539<br>2,627 | 260<br>388<br>8,025<br>9,641<br>4,790<br>4,724 | 148<br>214<br>2,648<br>3,302<br>1,319<br>1,503 | 200<br>282<br>9,041<br>9,219<br>6,304<br>5,899 | 19<br>34<br>90<br>533<br>41<br>250 |
| 2002 farms by number sold:  |  |  |  |  |  |  |  |                                    |
| 1 to 9 . . . . .  | farms<br>number  | 151<br>688   | 7<br>(D)                               | 80<br>605                                      | 129<br>(D)                                     | 79<br>357                                      | 84<br>38                                       | 16<br>(D)                          |
| 10 to 19 . . . . .  | farms<br>number  | 109<br>1,568                                       | 1<br>(D)                               | 34<br>462                                      | 44<br>595                                      | 30<br>393                                      | 35<br>465                                      | 2<br>(D)                           |
| 20 to 49 . . . . .  | farms<br>number  | 114<br>3,426                                       | 7<br>(D)                               | 44<br>1,352                                    | 52<br>1,520                                    | 25<br>667                                      | 50<br>1,459                                    | 1<br>(D)                           |
| 50 to 99 . . . . .  | farms<br>number  | 69<br>4,679  | 2<br>(D)                               | 17<br>1,044                                    | 19<br>1,271                                    | 9<br>566                                       | 16<br>1,074                                    | -<br>3                             |
| 100 to 199 . . . . .  | farms<br>number  | 36<br>4,839  | 1<br>(D)                               | 6<br>760                                       | 13<br>1,738                                    | 4<br>445                                       | 5<br>737                                       | -<br>-                             |
| 200 to 499 . . . . .  | farms<br>number  | 23<br>7,155  | -                                      | 2<br>(D)                                       | 1<br>(D)                                       | 1<br>(D)                                       | 7<br>1,893                                     | -<br>-                             |
| 500 or more . . . . .   | farms<br>number  | 8<br>5,070   | -                                      | -<br>(D)                                       | 2<br>-   | 3<br>-   | 3<br>3,056                                     | -<br>(D)                           |
| Calves weighing less than 500 pounds,<br>sold . . . . .                 | farms, 2002<br>1997<br>number, 2002<br>1997                          | 230<br>393<br>7,172<br>8,602                       | 7<br>15<br>152<br>258                  | 54<br>122<br>1,419<br>1,892                    | 87<br>169<br>1,716<br>2,906                    | 59<br>81<br>856<br>1,115                       | 59<br>108<br>1,461<br>1,960                    | 8<br>14<br>13<br>157               |
| 2002 farms by number sold:  |  |  |  |  |  |  |  |                                    |
| 1 to 9 . . . . .  | farms<br>number  | 82<br>388  | 4<br>12                                | 21<br>108                                      | 44<br>172                                      | 34<br>(D)                                      | 30<br>357                                      | 8<br>13                            |
| 10 to 19 . . . . .  | farms<br>number  | 65<br>804  | -                                      | 12<br>151                                      | 13<br>162                                      | 15<br>162                                      | 9<br>16  | -<br>12                            |
| 20 to 49 . . . . .  | farms<br>number  | 50<br>1,504  | 1<br>(D)                               | 12<br>318                                      | 21<br>581                                      | 6<br>190                                       | 16<br>416                                      | -<br>5                             |
| 50 to 99 . . . . .  | farms<br>number  | 19<br>1,194  | 2<br>(D)                               | 6<br>386                                       | 5<br>306                                       | 3<br>180                                       | 3<br>190                                       | -<br>-                             |
| 100 to 199 . . . . .  | farms<br>number  | 7<br>840   | -                                      | 2<br>(D)                                       | 3<br>300                                       | 1<br>(D)                                       | -<br>-   | -<br>-                             |
| 200 to 499 . . . . .  | farms<br>number  | 7<br>2,442   | -                                      | 1<br>(D)                                       | 1<br>(D)                                       | -<br>-   | -<br>-   | -<br>-                             |
| 500 or more . . . . .   | farms<br>number  | -<br>-   | -                                      | -<br>(D)                                       | -<br>-   | -<br>-   | 1<br>(D)                                       | -<br>-                             |
| Cattle, including calves weighing 500 pounds<br>or more, sold . . . . . | farms, 2002<br>1997<br>number, 2002<br>1997                          | 458<br>560<br>20,253<br>14,013                     | 16<br>22<br>382<br>584                 | 171<br>230<br>3,033<br>3,804                   | 235<br>318<br>6,309<br>6,735                   | 130<br>179<br>1,792<br>2,187                   | 184<br>228<br>7,580<br>7,259                   | 18<br>29<br>77<br>376              |
| 2002 farms by number sold:  |  |  |  |  |  |  |  |                                    |
| 1 to 9 . . . . .  | farms<br>number  | 177<br>776   | 6<br>30                                | 84<br>374                                      | 125<br>545                                     | 77<br>302                                      | 87<br>361                                      | 16<br>(D)                          |
| 10 to 19 . . . . .  | farms<br>number  | 95<br>1,306  | 1<br>(D)                               | 34<br>437                                      | 45<br>568                                      | 23<br>(D)                                      | 34<br>(D)                                      | 1<br>(D)                           |
| 20 to 49 . . . . .  | farms<br>number  | 90<br>2,657  | 7<br>(D)                               | 39<br>1,178                                    | 42<br>1,289                                    | 20<br>541                                      | 37<br>1,084                                    | 1<br>(D)                           |
| 50 to 99 . . . . .  | farms<br>number  | 50<br>3,582  | 1<br>(D)                               | 10<br>541                                      | 13<br>880                                      | 9<br>553                                       | 13<br>861                                      | -<br>1                             |
| 100 to 199 . . . . .  | farms<br>number  | 21<br>3,582  | 1<br>(D)                               | 4<br>541                                       | 7<br>880                                       | 1<br>553                                       | 4<br>861                                       | -<br>(D)                           |
| 200 to 499 . . . . .  | farms<br>number  | 2,760<br>19  | -<br>(D)                               | 503<br>-                                       | 969<br>-                                       | (D)<br>-                                       | 595<br>1,863                                   | -<br>-                             |
| 500 or more . . . . .   | farms<br>number  | 5,460<br>3,712                                     | -<br>(D)                               | -<br>-   | 1<br>(D)                                       | -<br>-   | 2<br>(D)                                       | -<br>(D)                           |

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan                                    | Alcona                               | Alger                       | Allegan                | Alpena                       | Antrim                     | Arenac                       |
|--|---|--------------------------------------|-----------------------------|------------------------|------------------------------|----------------------------|------------------------------|
| <b>SALES - Con.</b>  |   |                                      |                             |                        |                              |                            |                              |
| Cattle and calves sold - Con.<br>Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                                      |                             |                        |                              |                            |                              |
| Cattle on feed sold (see text) .....   | farms, 2002<br>1997<br>number, 2002<br>1997 | 4,590<br>5,421<br>207,660<br>213,428 | 17<br>13<br>1,077<br>220    | 5<br>8<br>19<br>37     | 118<br>162<br>4,340<br>4,726 | 63<br>49<br>1,077<br>518   | 22<br>14<br>994<br>723       |
| 2002 farms by number sold:   |   |                                      |                             |                        |                              |                            |                              |
| 1 to 9 .....   | farms<br>number                             | 2,574<br>10,011                      | 9<br>24                     | 5<br>19                | 70<br>292                    | 42<br>145                  | 15<br>59                     |
| 10 to 19 .....   | farms<br>number                             | 737<br>9,573                         | 3<br>36                     | -<br>-                 | 19<br>(D)                    | 11<br>117                  | 2<br>(D)                     |
| 20 to 49 .....   | farms<br>number                             | 638<br>18,949                        | 2<br>(D)                    | -<br>-                 | 10<br>304                    | 5<br>121                   | 2<br>(D)                     |
| 50 to 99 .....   | farms<br>number                             | 292<br>19,664                        | -<br>-                      | -<br>-                 | 8<br>528                     | -<br>-                     | 1<br>(D)                     |
| 100 to 199 .....   | farms<br>number                             | 181<br>24,003                        | 1<br>(D)                    | -<br>-                 | 5<br>579                     | 5<br>694                   | 1<br>(D)                     |
| 200 to 499 .....   | farms<br>number                             | 109<br>31,738                        | 2<br>(D)                    | -<br>-                 | 4<br>1,184                   | -<br>-                     | 2<br>(D)                     |
| 500 or more .....  | farms<br>number                             | 59<br>93,722                         | -<br>-                      | -<br>(D)               | 2<br>-                       | -<br>-                     | -<br>-                       |
| Item   | Baraga                                      | Barry                                | Bay                         | Benzie                 | Berrien                      | Branch                     | Calhoun                      |
| <b>SALES - Con.</b>  |   |                                      |                             |                        |                              |                            |                              |
| Cattle and calves sold - Con.<br>Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                                      |                             |                        |                              |                            |                              |
| Cattle on feed sold (see text) .....   | farms, 2002<br>1997<br>number, 2002<br>1997 | 3<br>1<br>(D)<br>(D)                 | 98<br>107<br>1,739<br>1,719 | 29<br>26<br>(D)<br>420 | 14<br>22<br>480<br>726       | 51<br>66<br>560<br>549     | 87<br>118<br>3,159<br>10,851 |
| 2002 farms by number sold:   |   |                                      |                             |                        |                              |                            |                              |
| 1 to 9 .....   | farms<br>number                             | 1<br>(D)                             | 74<br>255                   | 21<br>102              | 6<br>20                      | 37<br>154                  | 49<br>168                    |
| 10 to 19 .....   | farms<br>number                             | 1<br>(D)                             | 8<br>111                    | 4<br>51                | 4<br>52                      | 8<br>(D)                   | 10<br>126                    |
| 20 to 49 .....   | farms<br>number                             | -<br>-                               | 6<br>188                    | 2<br>(D)               | 2<br>(D)                     | 4<br>119                   | 14<br>419                    |
| 50 to 99 .....   | farms<br>number                             | 1<br>(D)                             | 7<br>465                    | 2<br>(D)               | -<br>-                       | 1<br>119                   | 9<br>520                     |
| 100 to 199 .....   | farms<br>number                             | -<br>-                               | 1<br>(D)                    | -<br>-                 | 2<br>(D)                     | 1<br>(D)                   | 2<br>576                     |
| 200 to 499 .....   | farms<br>number                             | -<br>-                               | 2<br>(D)                    | -<br>-                 | -<br>-                       | -<br>-                     | 2<br>594                     |
| 500 or more .....  | farms<br>number                             | -<br>-                               | -<br>-                      | -<br>-                 | -<br>-                       | -<br>-                     | 1<br>(D)                     |
| Item   | Cass  | Charlevoix                           | Cheboygan                   | Chippewa               | Clare                        | Clinton                    | Crawford                     |
| <b>SALES - Con.</b>  |   |                                      |                             |                        |                              |                            |                              |
| Cattle and calves sold - Con.<br>Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                                      |                             |                        |                              |                            |                              |
| Cattle on feed sold (see text) .....   | farms, 2002<br>1997<br>number, 2002<br>1997 | 66<br>87<br>1,674<br>1,476           | 30<br>27<br>201<br>236      | 21<br>11<br>306<br>61  | 19<br>29<br>408<br>496       | 35<br>46<br>1,742<br>1,167 | 117<br>150<br>5,442<br>5,123 |
| 2002 farms by number sold:   |   |                                      |                             |                        |                              |                            |                              |
| 1 to 9 .....   | farms<br>number                             | 29<br>105                            | 25<br>95                    | 14<br>34               | 10<br>42                     | 19<br>77                   | 52<br>205                    |
| 10 to 19 .....   | farms<br>number                             | 16<br>220                            | 2<br>(D)                    | 3<br>(D)               | 3<br>(D)                     | 4<br>(D)                   | 20<br>(D)                    |
| 20 to 49 .....   | farms<br>number                             | 13<br>357                            | 3<br>(D)                    | 3<br>108               | 4<br>130                     | 5<br>145                   | 20<br>609                    |
| 50 to 99 .....   | farms<br>number                             | 4<br>235                             | -<br>-                      | -<br>1                 | 1<br>(D)                     | -<br>2                     | 15<br>1,090                  |
| 100 to 199 .....   | farms<br>number                             | 2<br>(D)                             | -<br>(D)                    | 1<br>(D)               | 1<br>(D)                     | 2<br>(D)                   | 4<br>433                     |
| 200 to 499 .....   | farms<br>number                             | 2<br>(D)                             | -<br>-                      | -<br>-                 | -<br>-                       | 5<br>1,156                 | 4<br>1,180                   |
| 500 or more .....  | farms<br>number                             | -<br>-                               | -<br>-                      | -<br>-                 | -<br>-                       | -<br>-                     | 2<br>(D)                     |

--continued

**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Delta                                       | Dickinson                | Eaton                         | Emmet                          | Genesee                    | Gladwin                        | Gogebic                      |
|--|---|--------------------------|-------------------------------|--------------------------------|----------------------------|--------------------------------|------------------------------|
| <b>SALES - Con.</b>  |   |                          |                               |                                |                            |                                |                              |
| Cattle and calves sold - Con.<br>Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                          |                               |                                |                            |                                |                              |
| Cattle on feed sold (see text) .....   | farms, 2002<br>1997<br>number, 2002<br>1997 | 33<br>19<br>553<br>164   | 14<br>7<br>121<br>32          | 112<br>117<br>4,504<br>4,440   | 22<br>28<br>317<br>293     | 68<br>83<br>1,979<br>1,981     | 47<br>55<br>468<br>509       |
| 2002 farms by number sold:   |   |                          |                               |                                |                            |                                |                              |
| 1 to 9 .....   | farms<br>number                             | 21<br>71                 | 8<br>(D)                      | 63<br>233                      | 16<br>72                   | 45<br>175                      | 34<br>141                    |
| 10 to 19 .....   | farms<br>number                             | 5<br>(D)                 | 5<br>68                       | 17<br>217                      | 2<br>(D)                   | 10<br>135                      | 10<br>139                    |
| 20 to 49 .....   | farms<br>number                             | 5<br>(D)                 | 1<br>124                      | 19<br>531                      | 2<br>(D)                   | 8<br>231                       | 1<br>(D)                     |
| 50 to 99 .....   | farms<br>number                             | -<br>-                   | -<br>-                        | 7<br>441                       | 1<br>(D)                   | 2<br>(D)                       | 1<br>(D)                     |
| 100 to 199 .....   | farms<br>number                             | 2<br>(D)                 | -<br>-                        | 2<br>(D)                       | 1<br>(D)                   | 1<br>(D)                       | 1<br>(D)                     |
| 200 to 499 .....   | farms<br>number                             | -<br>-                   | -<br>-                        | 2<br>(D)                       | -<br>-                     | -<br>-                         | -<br>-                       |
| 500 or more .....  | farms<br>number                             | -<br>-                   | -<br>-                        | 2<br>(D)                       | -<br>-                     | 2<br>(D)                       | -<br>-                       |
| Item   | Grand<br>Traverse                           | Gratiot                  | Hillsdale                     | Houghton                       | Huron                      | Ingham                         | Ionia                        |
| <b>SALES - Con.</b>  |   |                          |                               |                                |                            |                                |                              |
| Cattle and calves sold - Con.<br>Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                          |                               |                                |                            |                                |                              |
| Cattle on feed sold (see text) .....   | farms, 2002<br>1997<br>number, 2002<br>1997 | 32<br>61<br>1,369<br>706 | 89<br>105<br>14,066<br>10,691 | 111<br>146<br>4,227<br>4,124   | 10<br>6<br>46<br>12        | 208<br>264<br>40,495<br>53,690 | 93<br>100<br>1,869<br>2,579  |
| 2002 farms by number sold:   |   |                          |                               |                                |                            |                                |                              |
| 1 to 9 .....   | farms<br>number                             | 17<br>97                 | 42<br>152                     | 57<br>202                      | 10<br>46                   | 48<br>201                      | 61<br>236                    |
| 10 to 19 .....   | farms<br>number                             | 3<br>(D)                 | 15<br>177                     | 23<br>317                      | -<br>-                     | 23<br>318                      | 12<br>(D)                    |
| 20 to 49 .....   | farms<br>number                             | 7<br>(D)                 | 9<br>234                      | 18<br>272                      | -<br>608                   | 49<br>1,500                    | 12<br>348                    |
| 50 to 99 .....   | farms<br>number                             | 1<br>(D)                 | 9<br>(D)                      | 6<br>385                       | -<br>-                     | 27<br>1,769                    | 4<br>277                     |
| 100 to 199 .....   | farms<br>number                             | 3<br>310                 | 6<br>756                      | 4<br>426                       | -<br>-                     | 26<br>3,703                    | 1<br>(D)                     |
| 200 to 499 .....   | farms<br>number                             | -<br>-                   | 5<br>1,155                    | 1<br>(D)                       | -<br>-                     | 22<br>6,685                    | 3<br>688                     |
| 500 or more .....  | farms<br>number                             | 1<br>(D)                 | 3<br>(D)                      | 2<br>(D)                       | -<br>-                     | 13<br>26,319                   | -<br>-                       |
| Item   | Iron  | Isabella                 | Jackson                       | Kalamazoo                      | Kalkaska                   | Kent                           | Keweenaw                     |
| <b>SALES - Con.</b>  |   |                          |                               |                                |                            |                                |                              |
| Cattle and calves sold - Con.<br>Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                          |                               |                                |                            |                                |                              |
| Cattle on feed sold (see text) .....   | farms, 2002<br>1997<br>number, 2002<br>1997 | 10<br>7<br>54<br>15      | 130<br>129<br>4,730<br>3,988  | 125<br>127<br>12,127<br>10,142 | 59<br>77<br>3,071<br>3,320 | 17<br>23<br>112<br>137         | 112<br>137<br>2,113<br>2,545 |
| 2002 farms by number sold:   |   |                          |                               |                                |                            |                                |                              |
| 1 to 9 .....   | farms<br>number                             | 8<br>(D)                 | 63<br>(D)                     | 64<br>229                      | 36<br>144                  | 13<br>39                       | 64<br>257                    |
| 10 to 19 .....   | farms<br>number                             | 2<br>(D)                 | 31<br>402                     | 23<br>290                      | 9<br>102                   | 2<br>(D)                       | 22<br>282                    |
| 20 to 49 .....   | farms<br>number                             | -<br>-                   | 14<br>429                     | 22<br>689                      | 9<br>(D)                   | 2<br>(D)                       | 12<br>349                    |
| 50 to 99 .....   | farms<br>number                             | -<br>-                   | 13<br>877                     | 6<br>457                       | -<br>-                     | -<br>-                         | 9<br>623                     |
| 100 to 199 .....   | farms<br>number                             | -<br>-                   | 4<br>573                      | 3<br>375                       | 3<br>404                   | -<br>-                         | 5<br>602                     |
| 200 to 499 .....   | farms<br>number                             | -<br>-                   | 4<br>1,485                    | 4<br>1,307                     | 1<br>(D)                   | -<br>-                         | -<br>-                       |
| 500 or more .....  | farms<br>number                             | -<br>-                   | 1<br>(D)                      | 3<br>8,780                     | 1<br>(D)                   | -<br>-                         | -<br>-                       |

-continued

**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer                                      | Leelanau                     | Lenawee                    | Livingston                  | Luce                     | Mackinac                 | Macomb                     | Manistee                   |
|---|---|------------------------------|----------------------------|-----------------------------|--------------------------|--------------------------|----------------------------|----------------------------|
| <b>SALES - Con.</b>   |   |                              |                            |                             |                          |                          |                            |                            |
| Cattle and calves sold - Con.                                     |   |                              |                            |                             |                          |                          |                            |                            |
| Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                              |                            |                             |                          |                          |                            |                            |
| Cattle on feed sold (see text) .....                              | farms, 2002<br>1997<br>number, 2002<br>1997 | 123<br>151<br>3,900<br>7,624 | 18<br>32<br>1,961<br>3,329 | 91<br>140<br>6,051<br>9,351 | 47<br>73<br>723<br>1,185 | 3<br>2<br>179<br>(D)     | 4<br>3<br>18<br>(D)        | 18<br>35<br>(D)<br>296     |
| 2002 farms by number sold:  |   |                              |                            |                             |                          |                          |                            |                            |
| 1 to 9 .....  | farms<br>number                             | 74<br>278                    | 8<br>30                    | 57<br>228                   | 28<br>(D)                | -                        | 4<br>18                    | 11<br>44                   |
| 10 to 19 .....  | farms<br>number                             | 26<br>339                    | 2<br>(D)                   | 4<br>(D)                    | 8<br>118                 | 1                        | -                          | 1<br>(D)                   |
| 20 to 49 .....  | farms<br>number                             | 14<br>448                    | 3<br>79                    | 16<br>450                   | 9<br>223                 | 1                        | -                          | 5<br>(D)                   |
| 50 to 99 .....  | farms<br>number                             | 5<br>338                     | 2<br>(D)                   | 4<br>296                    | -                        | -                        | -                          | 1<br>(D)                   |
| 100 to 199 .....  | farms<br>number                             | 2<br>(D)                     | -<br>(D)                   | 5<br>686                    | 2<br>(D)                 | 1                        | -                          | -                          |
| 200 to 499 .....  | farms<br>number                             | 1<br>(D)                     | 2<br>(D)                   | 1<br>(D)                    | -                        | -                        | -                          | -                          |
| 500 or more .....   | farms<br>number                             | 1<br>(D)                     | 4<br>(D)                   | 4,014                       | -                        | -                        | 1<br>(D)                   | -                          |
| Item  | Marquette                                   | Mason                        | Mecosta                    | Menominee                   | Midland                  | Missaukee                | Monroe                     | Montcalm                   |
| <b>SALES - Con.</b>   |   |                              |                            |                             |                          |                          |                            |                            |
| Cattle and calves sold - Con.                                     |   |                              |                            |                             |                          |                          |                            |                            |
| Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                              |                            |                             |                          |                          |                            |                            |
| Cattle on feed sold (see text) .....                              | farms, 2002<br>1997<br>number, 2002<br>1997 | 12<br>6<br>187<br>22         | 35<br>38<br>1,161<br>713   | 80<br>76<br>1,032<br>1,114  | 51<br>51<br>1,535<br>824 | 32<br>43<br>644<br>513   | 43<br>28<br>1,382<br>622   | 61<br>78<br>3,473<br>3,936 |
| 2002 farms by number sold:  |   |                              |                            |                             |                          |                          |                            |                            |
| 1 to 9 .....  | farms<br>number                             | 7<br>14                      | 21<br>80                   | 56<br>233                   | 22<br>(D)                | 20<br>87                 | 23<br>80                   | 33<br>130                  |
| 10 to 19 .....  | farms<br>number                             | 1<br>(D)                     | 4<br>45                    | 14<br>186                   | 6<br>72                  | 8<br>100                 | 6<br>(D)                   | 12<br>143                  |
| 20 to 49 .....  | farms<br>number                             | 2<br>(D)                     | 4<br>95                    | 7<br>195                    | 13<br>387                | 2<br>(D)                 | 6<br>167                   | 7<br>217                   |
| 50 to 99 .....  | farms<br>number                             | 2<br>(D)                     | 3<br>165                   | 1<br>(D)                    | 8<br>570                 | -<br>-                   | 3<br>209                   | 2<br>601                   |
| 100 to 199 .....  | farms<br>number                             | -<br>(D)                     | 2<br>(D)                   | 1<br>(D)                    | 1<br>(D)                 | 1<br>(D)                 | 3<br>350                   | 1<br>787                   |
| 200 to 499 .....  | farms<br>number                             | -<br>(D)                     | 1<br>(D)                   | 1<br>(D)                    | 1<br>(D)                 | 1<br>(D)                 | 2<br>810                   | 3<br>-                     |
| 500 or more .....   | farms<br>number                             | -<br>(D)                     | -<br>(D)                   | -<br>(D)                    | -<br>(D)                 | -<br>(D)                 | -<br>1,918                 | 3<br>(D)                   |
| Item  | Montmorency                                 | Muskegon                     | Newaygo                    | Oakland                     | Oceana                   | Ogemaw                   | Onitonagon                 | Osceola                    |
| <b>SALES - Con.</b>   |   |                              |                            |                             |                          |                          |                            |                            |
| Cattle and calves sold - Con.                                     |   |                              |                            |                             |                          |                          |                            |                            |
| Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                              |                            |                             |                          |                          |                            |                            |
| Cattle on feed sold (see text) .....                              | farms, 2002<br>1997<br>number, 2002<br>1997 | 19<br>9<br>140<br>72         | 43<br>32<br>946<br>1,509   | 86<br>112<br>1,764<br>2,394 | 26<br>25<br>142<br>207   | 54<br>55<br>921<br>1,293 | 31<br>42<br>6,866<br>6,042 | 7<br>2<br>53<br>(D)        |
| 2002 farms by number sold:  |   |                              |                            |                             |                          |                          |                            |                            |
| 1 to 9 .....  | farms<br>number                             | 17<br>(D)                    | 25<br>98                   | 57<br>201                   | 23<br>68                 | 34<br>104                | 13<br>59                   | 5<br>(D)                   |
| 10 to 19 .....  | farms<br>number                             | 1<br>(D)                     | 7<br>91                    | 11<br>(D)                   | 2<br>(D)                 | 6<br>(D)                 | 5<br>64                    | 2<br>13                    |
| 20 to 49 .....  | farms<br>number                             | -<br>(D)                     | 8<br>259                   | 8<br>234                    | -<br>1                   | 9<br>303                 | 8<br>(D)                   | 5<br>1                     |
| 50 to 99 .....  | farms<br>number                             | 1<br>(D)                     | -<br>-                     | 8<br>488                    | 1<br>(D)                 | 3<br>204                 | 1<br>(D)                   | -<br>(D)                   |
| 100 to 199 .....  | farms<br>number                             | -<br>(D)                     | 3<br>498                   | 1<br>(D)                    | -<br>(D)                 | 2<br>(D)                 | 3<br>(D)                   | -<br>(D)                   |
| 200 to 499 .....  | farms<br>number                             | -<br>(D)                     | -<br>(D)                   | -<br>1                      | -<br>(D)                 | -<br>-                   | -<br>1                     | -<br>(D)                   |
| 500 or more .....   | farms<br>number                             | -<br>(D)                     | -<br>(D)                   | -<br>(D)                    | -<br>(D)                 | -<br>-                   | -<br>-                     | -<br>(D)                   |

-continued

**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda                                      | Otsego                        | Ottawa                | Presque Isle                 | Roscommon                    | Saginaw                | St. Clair                   | St. Joseph                  |
|---|---|-------------------------------|-----------------------|------------------------------|------------------------------|------------------------|-----------------------------|-----------------------------|
| <b>SALES - Con.</b>   |   |                               |                       |                              |                              |                        |                             |                             |
| Cattle and calves sold - Con.                                     |   |                               |                       |                              |                              |                        |                             |                             |
| Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                               |                       |                              |                              |                        |                             |                             |
| Cattle on feed sold (see text) .....                              | farms, 2002<br>1997<br>number, 2002<br>1997 | 22<br>13<br>406<br>112        | 10<br>8<br>182<br>106 | 148<br>193<br>6,055<br>5,960 | 35<br>40<br>202<br>328       | 3<br>1<br>25<br>(D)    | 84<br>109<br>2,173<br>1,629 | 95<br>135<br>2,156<br>1,862 |
| 2002 farms by number sold:  |   |                               |                       |                              |                              |                        |                             |                             |
| 1 to 9 .....  | farms<br>number                             | 6<br>26                       | 6<br>31               | 67<br>288                    | 28<br>90                     | 1<br>(D)               | 40<br>168                   | 59<br>225                   |
| 10 to 19 .....  | farms<br>number                             | 7<br>97                       | 2<br>(D)              | 30<br>374                    | 5<br>(D)                     | 2<br>(D)               | 15<br>191                   | 14<br>186                   |
| 20 to 49 .....  | farms<br>number                             | 9<br>283                      | 1<br>(D)              | 19<br>516                    | 2<br>(D)                     | -                      | 17<br>519                   | 14<br>403                   |
| 50 to 99 .....  | farms<br>number                             | -<br>-                        | -<br>-                | 14<br>996                    | -<br>-                       | -<br>-                 | 9<br>608                    | 5<br>313                    |
| 100 to 199 .....  | farms<br>number                             | -<br>-                        | 1<br>(D)              | 14<br>1,956                  | -<br>-                       | -<br>-                 | 1<br>(D)                    | -<br>1                      |
| 200 to 499 .....  | farms<br>number                             | -<br>-                        | -<br>-                | 2<br>(D)                     | -<br>-                       | -<br>-                 | 2<br>(D)                    | 2<br>(D)                    |
| 500 or more .....   | farms<br>number                             | -<br>-                        | -<br>-                | 2<br>(D)                     | -<br>-                       | -<br>-                 | 1<br>(D)                    | -<br>-                      |
| Item  | Sanilac                                     | Schoolcraft                   | Shiawassee            | Tuscola                      | Van Buren                    | Washtenaw              | Wayne                       | Wexford                     |
| <b>SALES - Con.</b>   |   |                               |                       |                              |                              |                        |                             |                             |
| Cattle and calves sold - Con.                                     |   |                               |                       |                              |                              |                        |                             |                             |
| Cattle, including calves weighing 500 pounds or more, sold - Con. |   |                               |                       |                              |                              |                        |                             |                             |
| Cattle on feed sold (see text) .....                              | farms, 2002<br>1997<br>number, 2002<br>1997 | 205<br>199<br>10,509<br>6,355 | 6<br>6<br>35<br>58    | 95<br>117<br>1,493<br>1,525  | 122<br>156<br>3,353<br>4,108 | 53<br>68<br>632<br>806 | 89<br>133<br>5,626<br>5,455 | 7<br>11<br>49<br>32         |
| 2002 farms by number sold:  |   |                               |                       |                              |                              |                        |                             |                             |
| 1 to 9 .....  | farms<br>number                             | 82<br>(D)                     | 5<br>(D)              | 53<br>243                    | 74<br>320                    | 35<br>133              | 39<br>170                   | 5<br>(D)                    |
| 10 to 19 .....  | farms<br>number                             | 41<br>555                     | 1<br>(D)              | 17<br>(D)                    | 18<br>(D)                    | 9<br>(D)               | 14<br>186                   | 1<br>(D)                    |
| 20 to 49 .....  | farms<br>number                             | 27<br>825                     | -<br>-                | 18<br>548                    | 19<br>588                    | 5<br>129               | 16<br>428                   | 1<br>(D)                    |
| 50 to 99 .....  | farms<br>number                             | 25<br>1,710                   | -<br>-                | 5<br>260                     | 6<br>472                     | 3<br>158               | 11<br>707                   | -<br>-                      |
| 100 to 199 .....  | farms<br>number                             | 16<br>2,182                   | -<br>-                | 2<br>(D)                     | 4<br>526                     | 1<br>(D)               | 2<br>(D)                    | -<br>-                      |
| 200 to 499 .....  | farms<br>number                             | 12<br>3,446                   | -<br>-                | -<br>-                       | -<br>-                       | -<br>-                 | 5<br>1,444                  | -<br>-                      |
| 500 or more .....   | farms<br>number                             | 2<br>(D)                      | -<br>-                | -<br>-                       | 1<br>(D)                     | -<br>-                 | 2<br>(D)                    | -<br>(D)                    |

**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan  | Alcona | Alger | Allegan | Alpena | Antrim | Arenac |
|---|-----------|--------|-------|---------|--------|--------|--------|
| <b>INVENTORY</b>                                    |           |        |       |         |        |        |        |
| Total hogs and pigs .....                           |           |        |       |         |        |        |        |
| farms, 2002   | 2,180     | 7      | 7     | 84      | 17     | 12     | 10     |
| 1997  | 3,316     | 11     | 8     | 149     | 29     | 7      | 14     |
| number, 2002  | 927,400   | 66     | 26    | 157,549 | 179    | 368    | 963    |
| 1997  | 1,024,236 | 221    | 41    | 120,526 | 534    | 1,209  | 1,211  |
| Farms by inventory:                                 |           |        |       |         |        |        |        |
| 1 to 24 .....                                       | 1,291     | 6      | 7     | 23      | 16     | 10     | 5      |
| 1997  | 1,871     | 9      | 8     | 51      | 24     | 2      | 8      |
| number, 2002  | 9,356     | (D)    | 26    | 200     | (D)    | (D)    | (D)    |
| 1997  | 13,074    | (D)    | 41    | 322     | 95     | (D)    | 34     |
| 25 to 49 .....                                      | 184       | 1      | -     | 5       | -      | -      | 1      |
| 1997  | 280       | -      | -     | 14      | 1      | -      | -      |
| number, 2002  | 6,341     | (D)    | -     | 163     | -      | -      | (D)    |
| 1997  | 9,993     | -      | -     | 452     | (D)    | -      | -      |
| 50 to 99 .....                                      | 151       | -      | -     | 3       | 1      | -      | -      |
| 1997  | 293       | 2      | -     | 5       | 2      | 3      | 1      |
| number, 2002  | 10,214    | -      | -     | 196     | (D)    | -      | -      |
| 1997  | 19,508    | (D)    | -     | 341     | (D)    | 198    | (D)    |
| 100 to 199 .....                                    | 120       | -      | -     | 4       | -      | 1      | 1      |
| 1997  | 218       | -      | -     | 15      | 2      | 1      | 3      |
| number, 2002  | 15,940    | -      | -     | 478     | -      | (D)    | (D)    |
| 1997  | 28,792    | -      | -     | 1,826   | (D)    | (D)    | 397    |
| 200 to 499 .....                                    | 129       | -      | -     | 8       | -      | 1      | 3      |
| 1997  | 249       | -      | -     | 15      | -      | (D)    | 1      |
| number, 2002  | 40,340    | -      | -     | 3,005   | -      | (D)    | 820    |
| 1997  | 77,466    | -      | -     | 4,852   | -      | -      | (D)    |
| 500 to 999 .....                                    | 85        | -      | -     | 3       | -      | -      | -      |
| 1997  | 158       | -      | -     | 12      | -      | 1      | 1      |
| number, 2002  | 64,942    | -      | -     | 1,981   | -      | -      | -      |
| 1997  | 107,397   | -      | -     | 8,146   | -      | (D)    | (D)    |
| 1,000 or more .....                                 | 220       | -      | -     | 38      | -      | -      | -      |
| 1997  | 247       | -      | -     | 37      | -      | -      | -      |
| number, 2002  | 780,267   | -      | -     | 151,526 | -      | -      | -      |
| 1997  | 768,006   | -      | -     | 104,587 | -      | -      | -      |
| Hogs and pigs used or to be used for breeding ..... |           |        |       |         |        |        |        |
| farms, 2002   | 1,006     | 1      | 1     | 36      | 8      | 3      | 4      |
| 1997  | 1,676     | 4      | 1     | 70      | 10     | 4      | 3      |
| number, 2002  | 103,430   | (D)    | (D)   | 23,816  | 31     | (D)    | 86     |
| 1997  | 128,641   | (D)    | (D)   | 13,074  | 115    | 152    | (D)    |
| 2002 farms by inventory:                            |           |        |       |         |        |        |        |
| 1 to 24 .....                                       | 747       | 1      | 1     | 13      | 8      | 3      | 3      |
| 25 to 49 .....                                      | 90        | -      | -     | 3       | -      | -      | -      |
| 50 to 99 .....                                      | 48        | -      | -     | 4       | -      | -      | 1      |
| 100 or more .....                                   | 121       | -      | -     | 16      | -      | -      | -      |
| Other hogs and pigs .....                           |           |        |       |         |        |        |        |
| farms, 2002   | 2,007     | 7      | 6     | 78      | 16     | 10     | 10     |
| 1997  | 3,104     | 10     | 8     | 143     | 27     | 7      | 14     |
| number, 2002  | 823,970   | (D)    | (D)   | 133,733 | 148    | (D)    | 877    |
| 1997  | 895,595   | (D)    | (D)   | 107,452 | 419    | 1,057  | (D)    |
| <b>SALES</b>  |           |        |       |         |        |        |        |
| Hogs and pigs sold .....                            |           |        |       |         |        |        |        |
| farms, 2002   | 2,336     | 7      | 3     | 98      | 12     | 9      | 9      |
| 1997  | 3,029     | 9      | 2     | 135     | 26     | 8      | 10     |
| number, 2002  | 2,789,197 | 148    | 32    | 536,204 | 250    | (D)    | 1,415  |
| 1997  | 2,195,553 | 779    | (D)   | 264,773 | 1,277  | (D)    | 1,631  |
| \$1,000, 2002                                       | 200,027   | 13     | (D)   | 37,184  | 11     | (D)    | 112    |
| 1997  | 227,452   | 69     | (D)   | 34,109  | 87     | (D)    | 156    |
| 2002 farms by number sold:                          |           |        |       |         |        |        |        |
| 1 to 24 .....                                       | 1,309     | 6      | 2     | 33      | 10     | 6      | 5      |
| number  | 8,915     | (D)    | (D)   | 206     | (D)    | 41     | 25     |
| 25 to 49 .....                                      | 172       | -      | 1     | 3       | -      | -      | 1      |
| number  | 5,731     | -      | (D)   | (D)     | -      | -      | (D)    |
| 50 to 99 .....                                      | 178       | -      | -     | 8       | 1      | 1      | -      |
| number  | 11,702    | -      | -     | 565     | (D)    | (D)    | -      |
| 100 to 199 .....                                    | 144       | 1      | -     | 4       | 1      | 1      | -      |
| number  | 19,221    | (D)    | -     | 552     | (D)    | (D)    | -      |
| 200 to 499 .....                                    | 141       | -      | -     | 4       | -      | -      | 2      |
| number  | 42,265    | -      | -     | 1,100   | -      | -      | (D)    |
| 500 to 999 .....                                    | 74        | -      | -     | 2       | -      | -      | 1      |
| number  | 53,981    | -      | -     | (D)     | -      | -      | (D)    |
| 1,000 or more .....                                 | 318       | -      | -     | 44      | -      | 1      | -      |
| number  | 2,647,382 | -      | -     | 532,221 | -      | (D)    | -      |

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Baraga   | Barry                       | Bay  | Benzie                                | Berrien                            | Branch   | Calhoun   |
|---|--|-----------------------------|--|---------------------------------------|------------------------------------|--|---|
| <b>INVENTORY</b>                                    |  |                             |  |                                       |                                    |  |   |
| Total hogs and pigs .....                           | farms, 2002<br>1997<br>number, 2002<br>1997                          | 2<br>1<br>(D)<br>(D)        | 31<br>54<br>9,698<br>18,753                    | 21<br>15<br>282<br>572                | 13<br>13<br>1,122<br>(D)           | 45<br>73<br>24,133<br>20,325                   | 72<br>121<br>66,289<br>61,183                       |
| Farms by inventory:                                 |  |                             |  |                                       |                                    |  |   |
| 1 to 24 .....                                       | farms, 2002<br>1997<br>number, 2002<br>1997                          | 1<br>1<br>(D)<br>(D)        | 20<br>36<br>197<br>299                         | 17<br>8<br>89<br>46                   | 10<br>11<br>(D)<br>45              | 26<br>54<br>(D)<br>446                         | 25<br>38<br>(D)<br>292                              |
| 25 to 49 .....                                      | farms, 2002<br>1997<br>number, 2002<br>1997                          | -<br>-<br>(D)<br>(D)        | 2<br>6<br>(D)<br>183                           | 2<br>3<br>(D)<br>137                  | 1<br>3<br>(D)<br>-                 | 3<br>10<br>(D)<br>94                           | 6<br>12<br>13<br>314<br>509                         |
| 50 to 99 .....                                      | farms, 2002<br>1997<br>number, 2002<br>1997                          | 1<br>-<br>(D)               | 2<br>2<br>(D)                                  | 2<br>2<br>(D)                         | 1<br>-<br>(D)                      | 4<br>4<br>(D)                                  | 8<br>20<br>564<br>1,353                             |
| 100 to 199 .....                                    | farms, 2002<br>1997<br>number, 2002<br>1997                          | -<br>-<br>(D)               | 3<br>1<br>444                                  | -<br>2<br>(D)                         | -<br>1<br>(D)                      | 4<br>1<br>587                                  | 4<br>1<br>(D)<br>1,258                              |
| 200 to 499 .....                                    | farms, 2002<br>1997<br>number, 2002<br>1997                          | -<br>-<br>(D)               | 1<br>4<br>1,125                                | -<br>-<br>-                           | -<br>-<br>(D)                      | 3<br>5<br>794<br>1,440                         | 10<br>18<br>4,066<br>6,221                          |
| 500 to 999 .....                                    | farms, 2002<br>1997<br>number, 2002<br>1997                          | -<br>-<br>(D)               | 1<br>3<br>2,144                                | -<br>-<br>-                           | 1<br>1<br>(D)                      | 1<br>2<br>(D)                                  | 6<br>9<br>5,093<br>5,405                            |
| 1,000 or more .....                                 | farms, 2002<br>1997<br>number, 2002<br>1997                          | -<br>-<br>(D)               | 2<br>2<br>(D)                                  | -<br>-<br>-                           | -<br>-<br>(D)                      | 4<br>4<br>21,300<br>16,431                     | 12<br>14<br>55,956<br>46,145                        |
| Hogs and pigs used or to be used for breeding ..... | farms, 2002<br>1997<br>number, 2002<br>1997                          | 2<br>-<br>(D)               | 14<br>30<br>3,481                              | 5<br>8<br>86                          | 10<br>7<br>(D)                     | 16<br>41<br>280<br>1,157                       | 29<br>66<br>5,309<br>7,168                          |
| 2002 farms by inventory:                            |  |                             |  |                                       |                                    |  |   |
| 1 to 24 .....                                       | -  | 1                           | 10   | 5                                     | 8                                  | 13   | 19  |
| 25 to 49 .....                                      | -  | -                           | 2  | -                                     | -                                  | 2  | 3   |
| 50 to 99 .....                                      | -  | 1                           | 1  | -                                     | 1                                  | 1  | 1   |
| 100 or more .....                                   | -  | -                           | 1  | -                                     | 1                                  | -  | 6   |
| Other hogs and pigs .....                           | farms, 2002<br>1997<br>number, 2002<br>1997                          | 1<br>1<br>(D)               | 30<br>48<br>15,272                             | 19<br>15<br>486                       | 8<br>12<br>(D)                     | 43<br>65<br>23,853<br>19,168                   | 70<br>114<br>60,980<br>54,015                       |
| <b>SALES</b>  |  |                             |  |                                       |                                    |  |   |
| Hogs and pigs sold .....                            | farms, 2002<br>1997<br>number, 2002<br>1997<br>\$1,000, 2002<br>1997 | 1<br>1<br>(D)<br>(D)<br>(D) | 35<br>55<br>48,261<br>33,627<br>2,219<br>3,738 | 18<br>13<br>392<br>1,867<br>27<br>199 | 7<br>9<br>(D)<br>(D)<br>(D)<br>164 | 43<br>67<br>71,760<br>51,984<br>6,616<br>5,220 | 76<br>122<br>185,107<br>113,753<br>14,546<br>12,269 |
| 2002 farms by number sold:                          |  |                             |  |                                       |                                    |  |   |
| 1 to 24 .....                                       | farms<br>number  | 1<br>(D)                    | 21<br>127                                      | 14<br>77                              | 5<br>60                            | 24<br>140                                      | 34<br>211   |
| 25 to 49 .....                                      | farms<br>number  | -<br>-                      | 3<br>80  | 2<br>(D)                              | 1<br>(D)                           | 1<br>(D)                                       | 5<br>193  |
| 50 to 99 .....                                      | farms<br>number  | -<br>-                      | 5<br>(D)                                       | -<br>-                                | -<br>(D)                           | -<br>(D)                                       | 3<br>159  |
| 100 to 199 .....                                    | farms<br>number  | -<br>-                      | -<br>(D)                                       | 2<br>-                                | 3<br>(D)                           | 3<br>450                                       | 4<br>(D)  |
| 200 to 499 .....                                    | farms<br>number  | -<br>-                      | 2<br>(D)                                       | -<br>-                                | 6<br>4                             | 4<br>1,160                                     | 3<br>775  |
| 500 to 999 .....                                    | farms<br>number  | -<br>-                      | 1<br>(D)                                       | -<br>-                                | 4<br>3,222                         | 4<br>3,830                                     | 2<br>(D)  |
| 1,000 or more .....                                 | farms<br>number  | -<br>-                      | 3<br>(D)                                       | -<br>-                                | 1<br>(D)                           | 4<br>66,300                                    | 23<br>179,104                                       |
|   |  |                             |  |                                       |                                    |  | 114,924   |

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass  | Charlevoix   | Cheboygan                               | Chippewa                        | Clare                                 | Clinton                                | Crawford                                       |
|---|---|--|---|---------------------------------|---------------------------------------|--|--|
| <b>INVENTORY</b>                                    |   |  |   |                                 |                                       |  |  |
| Total hogs and pigs .....                           | farms, 2002<br>1997<br>number, 2002<br>1997 | 68<br>116<br>127,219<br>172,873                          | 7<br>9<br>87<br>33                      | 6<br>12<br>121<br>171           | 14<br>17<br>454<br>548                | 21<br>38<br>274<br>4,623               | 35<br>71<br>11,939<br>19,703                   |
| Farms by inventory:                                 |   |  |   |                                 |                                       |  |  |
| 1 to 24 .....                                       | farms, 2002<br>1997<br>number, 2002<br>1997 | 20<br>35<br>224<br>311                                   | 6<br>9<br>(D)<br>33                     | 5<br>11<br>(D)<br>(D)           | 10<br>12<br>71<br>98                  | 17<br>28<br>130<br>187                 | 15<br>30<br>(D)<br>204                         |
| 25 to 49 .....                                      | farms, 2002<br>1997<br>number, 2002<br>1997 | 1<br>7<br>(D)<br>244                                     | 1<br>-<br>(D)<br>(D)                    | -<br>3<br>-<br>-                | -<br>3<br>(D)<br>(D)                  | 1<br>5<br>(D)<br>165                   | -<br>5<br>(D)<br>-                             |
| 50 to 99 .....                                      | farms, 2002<br>1997<br>number, 2002<br>1997 | 2<br>10<br>(D)<br>665                                    | -<br>1<br>(D)                           | 1<br>1<br>(D)                   | 2<br>(D)                              | 1<br>3<br>222                          | 3<br>7<br>166<br>476                           |
| 100 to 199 .....                                    | farms, 2002<br>1997<br>number, 2002<br>1997 | 5<br>6<br>676<br>831                                     | -<br>-<br>-                             | -<br>-<br>(D)                   | 2<br>-<br>-                           | -<br>1<br>(D)                          | -<br>5<br>623                                  |
| 200 to 499 .....                                    | farms, 2002<br>1997<br>number, 2002<br>1997 | 3<br>11<br>835<br>3,614                                  | -<br>-<br>-                             | -<br>1<br>-                     | -<br>(D)<br>(D)                       | -<br>1<br>11<br>1,124                  | -<br>5<br>3,654                                |
| 500 to 999 .....                                    | farms, 2002<br>1997<br>number, 2002<br>1997 | 10<br>12<br>7,444<br>8,452                               | -<br>-<br>-                             | -<br>-<br>-                     | -<br>-                                | -<br>-                                 | 5<br>5<br>3,790<br>4,184                       |
| 1,000 or more .....                                 | farms, 2002<br>1997<br>number, 2002<br>1997 | 27<br>35<br>117,836<br>158,756                           | -<br>-<br>-                             | -<br>-<br>-                     | -<br>-<br>(D)                         | -<br>1<br>-                            | 5<br>6<br>6,580<br>10,397                      |
| Hogs and pigs used or to be used for breeding ..... | farms, 2002<br>1997<br>number, 2002<br>1997 | 42<br>92<br>14,066<br>29,240                             | -<br>1<br>-                             | 3<br>7<br>21<br>(D)             | 10<br>9<br>87<br>70                   | 11<br>15<br>87<br>630                  | 14<br>37<br>1,464<br>2,181                     |
| 2002 farms by inventory:                            |   |  |   |                                 |                                       |  |  |
| 1 to 24 .....                                       |   | 20   | -                                       | 3                               | 9                                     | 11                                     | 7  |
| 25 to 49 .....                                      |   | 3  | -                                       | -                               | 1                                     | -                                      | 1  |
| 50 to 99 .....                                      |   | 3  | -                                       | -                               | -                                     | -                                      | -  |
| 100 or more .....                                   |   | 16   | -                                       | -                               | -                                     | -                                      | 6  |
| Other hogs and pigs .....                           | farms, 2002<br>1997<br>number, 2002<br>1997 | 64<br>108<br>113,153<br>143,633                          | 7<br>8<br>87<br>(D)                     | 6<br>12<br>100<br>131           | 11<br>17<br>367<br>478                | 15<br>37<br>187<br>3,993               | 35<br>68<br>10,475<br>17,522                   |
| <b>SALES</b>  |   |  |   |                                 |                                       |  |  |
| Hogs and pigs sold .....                            | farms, 2002<br>1997<br>number, 2002<br>1997 | 72<br>126<br>283,021<br>274,358<br>\$1,000, 2002<br>1997 | 10<br>6<br>79<br>31<br>21,470<br>31,497 | 14<br>7<br>122<br>130<br>7<br>4 | 14<br>13<br>518<br>1,117<br>46<br>116 | 14<br>29<br>524<br>12,271<br>30<br>836 | 43<br>61<br>29,420<br>34,401<br>1,869<br>3,917 |
| 2002 farms by number sold:                          |   |  |   |                                 |                                       |  |  |
| 1 to 24 .....                                       | farms<br>number                             | 17<br>128  | 9<br>(D)                                | 13<br>(D)                       | 8<br>53                               | 8<br>27                                | 22<br>116                                      |
| 25 to 49 .....                                      | farms<br>number                             | 1<br>(D)   | 1<br>(D)                                | -<br>(D)                        | 1<br>77                               | 3<br>89                                | -<br>-   |
| 50 to 99 .....                                      | farms<br>number                             | 6<br>(D)   | -<br>(D)                                | 1<br>150                        | 3<br>-                                | 1<br>(D)                               | -<br>-   |
| 100 to 199 .....                                    | farms<br>number                             | 1<br>(D)   | -<br>(D)                                | -<br>2                          | 3<br>420                              | 4<br>535                               | -<br>-   |
| 200 to 499 .....                                    | farms<br>number                             | 6<br>1,633   | -<br>-                                  | -<br>-                          | -<br>-                                | -<br>(D)                               | 2<br>-   |
| 500 to 999 .....                                    | farms<br>number                             | 9<br>6,932   | -<br>-                                  | -<br>-                          | -<br>-                                | -<br>(D)                               | 2<br>-   |
| 1,000 or more .....                                 | farms<br>number                             | 32<br>273,792  | -<br>-                                  | -<br>-                          | -<br>-                                | -<br>-                                 | 9<br>26,535                                    |

--continued

**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Delta               | Dickinson  | Eaton            | Emmet       | Genesee        | Gladwin        | Gogebic    |
|---|---------------------|------------|------------------|-------------|----------------|----------------|------------|
| <b>INVENTORY</b>                                    |                     |            |                  |             |                |                |            |
| Total hogs and pigs .....                           | farms, 2002<br>1997 | 6<br>20    | 12<br>8          | 41<br>64    | 12<br>17       | 48<br>58       | 34<br>67   |
| number, 2002<br>1997                                | 647<br>273          | 132<br>132 | 10,188<br>20,722 | 270<br>585  | 2,532<br>4,317 | 2,362<br>3,300 | -<br>(D)   |
| Farms by inventory:                                 |                     |            |                  |             |                |                |            |
| 1 to 24 .....                                       | farms, 2002<br>1997 | 3<br>17    | 10<br>7          | 26<br>34    | 8<br>12        | 37<br>36       | 20<br>35   |
| number, 2002<br>1997                                | 24<br>124           | (D)<br>(D) | 180<br>269       | (D)<br>(D)  | 349<br>223     | 140<br>371     | -<br>(D)   |
| 25 to 49 .....                                      | farms, 2002<br>1997 | -<br>2     | 2<br>6           | 3<br>4      | 1<br>11        | 2<br>(D)       | -<br>16    |
| number, 2002<br>1997                                | -<br>1997           | (D)        | (D)<br>(D)       | 235<br>96   | (D)<br>160     | 595<br>373     | -<br>595   |
| 50 to 99 .....                                      | farms, 2002<br>1997 | 1<br>1     | -<br>6           | 3<br>-      | 2<br>(D)       | 4<br>263       | -<br>-     |
| number, 2002<br>1997                                | (D)<br>(D)          | -<br>-     | 202<br>417       | -<br>(D)    | -<br>448       | -<br>448       | -<br>-     |
| 100 to 199 .....                                    | farms, 2002<br>1997 | 1<br>1     | -<br>7           | 1<br>5      | 5<br>2         | 2<br>-         | -<br>-     |
| number, 2002<br>1997                                | (D)<br>-            | -<br>(D)   | (D)<br>940       | (D)<br>-    | 660<br>640     | (D)<br>423     | -<br>-     |
| 200 to 499 .....                                    | farms, 2002<br>1997 | 1<br>-     | -<br>2           | 1<br>1      | 2<br>3         | 6<br>(D)       | -<br>1,540 |
| number, 2002<br>1997                                | (D)                 | -<br>-     | (D)<br>(D)       | -<br>(D)    | 827<br>827     | 1,463<br>1,463 | -<br>-     |
| 500 to 999 .....                                    | farms, 2002<br>1997 | -<br>-     | -<br>-           | 1<br>3      | -<br>(D)       | 1<br>2         | -<br>-     |
| number, 2002<br>1997                                | -<br>-              | -<br>-     | -<br>2,035       | -<br>(D)    | (D)<br>-       | (D)<br>-       | -<br>-     |
| 1,000 or more .....                                 | farms, 2002<br>1997 | -<br>-     | -<br>-           | 3<br>6      | -<br>-         | -<br>-         | -<br>-     |
| number, 2002<br>1997                                | -<br>-              | -<br>-     | 8,240<br>16,362  | -<br>(D)    | -<br>-         | -<br>-         | -<br>-     |
| Hogs and pigs used or to be used for breeding ..... | farms, 2002<br>1997 | 3<br>10    | 4<br>3           | 17<br>40    | 6<br>8         | 25<br>28       | 21<br>50   |
| number, 2002<br>1997                                | (D)<br>36           | 30<br>(D)  | 993<br>2,477     | 55<br>36    | 278<br>416     | 631<br>526     | -<br>-     |
| 2002 farms by inventory:                            |                     |            |                  |             |                |                |            |
| 1 to 24 .....                                       | -<br>-              | 2<br>-     | 4<br>-           | 12<br>1     | 5<br>-         | 23<br>1        | 15<br>3    |
| 25 to 49 .....                                      | -<br>-              | -<br>-     | -<br>-           | 1<br>1      | -<br>-         | -<br>-         | -<br>2     |
| 50 to 99 .....                                      | -<br>-              | 1<br>-     | -<br>-           | 1<br>3      | -<br>-         | -<br>1         | -<br>1     |
| 100 or more .....                                   | -<br>-              | -<br>-     | -<br>-           | 3<br>-      | -<br>-         | -<br>1         | -<br>-     |
| Other hogs and pigs .....                           | farms, 2002<br>1997 | 6<br>19    | 11<br>8          | 38<br>62    | 10<br>15       | 45<br>51       | 32<br>61   |
| number, 2002<br>1997                                | (D)<br>237          | 102<br>(D) | 9,195<br>18,245  | 215<br>549  | 2,254<br>3,901 | 1,731<br>2,774 | -<br>(D)   |
| <b>SALES</b>  |                     |            |                  |             |                |                |            |
| Hogs and pigs sold .....                            | farms, 2002<br>1997 | 9<br>13    | 15<br>7          | 46<br>61    | 14<br>8        | 37<br>50       | 43<br>68   |
| number, 2002<br>1997                                | 966<br>488          | 524<br>(D) | 30,359<br>34,896 | 657<br>934  | 5,250<br>5,334 | 2,495<br>6,155 | (D)<br>(D) |
| \$1,000, 2002<br>1997                               | 82<br>55            | 36<br>(D)  | 2,756<br>3,400   | (D)<br>101  | 401<br>488     | 286<br>681     | 4<br>(D)   |
| 2002 farms by number sold:                          |                     |            |                  |             |                |                |            |
| 1 to 24 .....                                       | farms<br>number     | 5<br>26    | 13<br>(D)        | 31<br>220   | 11<br>(D)      | 25<br>210      | 26<br>207  |
| 25 to 49 .....                                      | farms<br>number     | 1<br>(D)   | -<br>(D)         | 1<br>(D)    | 2<br>(D)       | 1<br>(D)       | 4<br>114   |
| 50 to 99 .....                                      | farms<br>number     | 2<br>(D)   | -<br>(D)         | 5<br>(D)    | -<br>(D)       | 3<br>150       | 5<br>368   |
| 100 to 199 .....                                    | farms<br>number     | -<br>(D)   | 1<br>409         | 3<br>-      | -<br>(D)       | 1<br>419       | 3<br>-     |
| 200 to 499 .....                                    | farms<br>number     | -<br>(D)   | 1<br>-           | 1<br>-      | -<br>(D)       | 4<br>1,090     | 5<br>1,387 |
| 500 to 999 .....                                    | farms<br>number     | 1<br>(D)   | -<br>-           | -<br>-      | 1<br>(D)       | 2<br>-         | -<br>-     |
| 1,000 or more .....                                 | farms<br>number     | -<br>-     | -<br>-           | 5<br>29,129 | -<br>(D)       | 1<br>-         | -<br>-     |

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand<br>Traverse   | Gratiot           | Hillsdale        | Houghton     | Huron              | Ingham           | Ionia             | Iosco        |
|---|---------------------|-------------------|------------------|--------------|--------------------|------------------|-------------------|--------------|
| <b>INVENTORY</b>                                    |                     |                   |                  |              |                    |                  |                   |              |
| Total hogs and pigs .....                           | farms, 2002<br>1997 | 20<br>21          | 38<br>47         | 73<br>98     | 7<br>8             | 38<br>75         | 31<br>47          | 49<br>93     |
| number, 2002<br>1997                                | 3,027<br>3,289      | 31,258<br>18,622  | 29,051<br>36,137 | 50<br>30     | 37,056<br>80,622   | 8,549<br>6,866   | 25,930<br>19,733  | 662<br>212   |
| Farms by inventory:                                 |                     |                   |                  |              |                    |                  |                   |              |
| 1 to 24 .....                                       | farms, 2002<br>1997 | 16<br>15          | 22<br>25         | 40<br>40     | 7<br>8             | 14<br>23         | 16<br>29          | 20<br>41     |
| number, 2002<br>1997                                | 139<br>64           | 93<br>199         | 237<br>262       | 50<br>30     | (D)<br>208         | 149<br>179       | (D)<br>296        | (D)<br>(D)   |
| 25 to 49 .....                                      | farms, 2002<br>1997 | 1<br>1            | -<br>3           | 4<br>12      | -<br>-             | 4<br>2           | 5<br>2            | 8<br>11      |
| number, 2002<br>1997                                | (D)<br>(D)          | (D)<br>(D)        | 157<br>443       | -<br>-       | (D)<br>(D)         | 211<br>(D)       | 262<br>351        | (D)<br>(D)   |
| 50 to 99 .....                                      | farms, 2002<br>1997 | 1<br>1            | 2<br>3           | 8<br>5       | -<br>-             | 2<br>3           | -<br>4            | 4<br>12      |
| number, 2002<br>1997                                | (D)<br>(D)          | 513<br>216        | 513<br>363       | -<br>-       | (D)<br>162         | -<br>285         | -<br>741          | 235<br>(D)   |
| 100 to 199 .....                                    | farms, 2002<br>1997 | -<br>1            | -<br>3           | 2<br>(D)     | -<br>-             | 2<br>(D)         | 2<br>(D)          | 6<br>921     |
| number, 2002<br>1997                                | (D)<br>(D)          | 466<br>948        | -<br>(D)         | -<br>-       | (D)<br>(D)         | -<br>-           | 1,526<br>450      | -            |
| 200 to 499 .....                                    | farms, 2002<br>1997 | -<br>1            | 1<br>1           | 5<br>12      | -<br>-             | 6<br>15          | 3<br>982          | 3<br>1,149   |
| number, 2002<br>1997                                | (D)<br>(D)          | 1,532<br>3,281    | -<br>-           | -<br>-       | 5,020<br>4,569     | 2,278<br>(D)     | 2,486<br>(D)      | -            |
| 500 to 999 .....                                    | farms, 2002<br>1997 | 1<br>1            | 4<br>4           | 2<br>9       | -<br>-             | 5<br>7           | 1<br>1            | 1<br>3       |
| number, 2002<br>1997                                | (D)<br>(D)          | 2,995<br>2,433    | (D)<br>6,584     | -<br>-       | 4,235<br>4,235     | (D)<br>(D)       | 2,000<br>2,000    | -            |
| 1,000 or more .....                                 | farms, 2002<br>1997 | 1<br>2            | 9<br>8           | 12<br>13     | -<br>-             | 11<br>21         | 4<br>2            | 7<br>5       |
| number, 2002<br>1997                                | (D)<br>(D)          | 27,700<br>14,905  | 25,022<br>24,256 | -<br>-       | 30,195<br>70,570   | 6,400<br>(D)     | 22,270<br>12,333  | -            |
| Hogs and pigs used or to be used for breeding ..... | farms, 2002<br>1997 | 12<br>4           | 13<br>18         | 38<br>54     | 2<br>2             | 15<br>28         | 17<br>26          | 24<br>58     |
| number, 2002<br>1997                                | 316<br>383          | 2,820<br>987      | 1,487<br>2,983   | (D)<br>(D)   | 2,314<br>6,572     | 1,149<br>1,034   | 813<br>1,743      | 35<br>23     |
| 2002 farms by inventory:                            |                     |                   |                  |              |                    |                  |                   |              |
| 1 to 24 .....                                       |                     | 10                | 9                | 27           | 2                  | 8                | 9                 | 18           |
| 25 to 49 .....                                      |                     | -                 | -                | 3            | -                  | 2                | 2                 | 2            |
| 50 to 99 .....                                      |                     | 1                 | -                | -            | -                  | 3                | 1                 | 1            |
| 100 or more .....                                   |                     | 1                 | 4                | 8            | -                  | 2                | 5                 | 3            |
| Other hogs and pigs .....                           | farms, 2002<br>1997 | 18<br>21          | 31<br>44         | 66<br>90     | 7<br>8             | 35<br>70         | 29<br>41          | 49<br>88     |
| number, 2002<br>1997                                | 2,711<br>2,906      | 28,438<br>17,635  | 27,564<br>33,154 | (D)<br>(D)   | 34,742<br>74,050   | 7,400<br>5,832   | 25,117<br>17,990  | 627<br>189   |
| <b>SALES</b>  |                     |                   |                  |              |                    |                  |                   |              |
| Hogs and pigs sold .....                            | farms, 2002<br>1997 | 20<br>15          | 38<br>46         | 67<br>90     | 14<br>2            | 46<br>72         | 39<br>45          | 55<br>92     |
| number, 2002<br>1997                                | 3,414<br>(D)        | 129,375<br>48,553 | 58,686<br>80,145 | 96<br>(D)    | 122,413<br>302,574 | 15,578<br>15,931 | 130,389<br>37,283 | 833<br>338   |
| \$1,000, 2002<br>1997                               | (D)<br>(D)          | 3,516<br>9,481    | (D)<br>(D)       | (D)<br>(D)   | 1,196<br>21,770    | (D)<br>1,766     | (D)<br>4,974      | 90<br>41     |
| 2002 farms by number sold:                          |                     |                   |                  |              |                    |                  |                   |              |
| 1 to 24 .....                                       | farms<br>number     | 15<br>(D)         | 20<br>82         | 32<br>224    | 13<br>(D)          | 14<br>95         | 23<br>186         | 24<br>194    |
| 25 to 49 .....                                      | farms<br>number     | 3<br>(D)          | -<br>(D)         | 2<br>5       | 1<br>(D)           | 3<br>2           | 3<br>1            | 4<br>137     |
| 50 to 99 .....                                      | farms<br>number     | -<br>(D)          | 3<br>(D)         | 5<br>(D)     | -<br>(D)           | 2<br>(D)         | 1<br>(D)          | 6<br>425     |
| 100 to 199 .....                                    | farms<br>number     | -<br>(D)          | 1<br>1           | 8<br>1,290   | -<br>(D)           | 1<br>300         | 3<br>300          | 4<br>539     |
| 200 to 499 .....                                    | farms<br>number     | -<br>(D)          | -<br>880         | 3<br>-       | 2<br>(D)           | 3<br>1,130       | 8<br>2,415        | -            |
| 500 to 999 .....                                    | farms<br>number     | -<br>(D)          | 1<br>3,050       | 4<br>-       | 4<br>2,932         | 3<br>2,322       | -<br>-            | -            |
| 1,000 or more .....                                 | farms<br>number     | 2<br>(D)          | 13<br>128,100    | 13<br>52,890 | -<br>-             | 20<br>118,278    | 3<br>11,450       | 9<br>126,679 |

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron | Isabella | Jackson | Kalamazoo | Kalkaska | Kent   | Keweenaw | Lake |
|---|------|----------|---------|-----------|----------|--------|----------|------|
| <b>INVENTORY</b>                                    |      |          |         |           |          |        |          |      |
| Total hogs and pigs .....                           |      |          |         |           |          |        |          |      |
| farms, 2002   | 4    | 29       | 51      | 41        | 16       | 35     | -        | 11   |
| 1997  | 8    | 55       | 77      | 58        | 17       | 68     | -        | 16   |
| number, 2002  | 23   | 8,654    | 2,901   | 34,737    | (D)      | 3,301  | -        | 114  |
| 1997  | 93   | 7,768    | 9,254   | 49,415    | 1,001    | 8,100  | -        | 581  |
| Farms by inventory:                                 |      |          |         |           |          |        |          |      |
| 1 to 24 .....                                       |      |          |         |           |          |        |          |      |
| farms, 2002   | 4    | 19       | 36      | 21        | 15       | 26     | -        | 10   |
| 1997  | 8    | 26       | 43      | 24        | 13       | 50     | -        | 8    |
| number, 2002  | 23   | 120      | 241     | 182       | 88       | 126    | -        | (D)  |
| 1997  | 93   | 208      | 368     | 215       | (D)      | 333    | -        | (D)  |
| 25 to 49 .....                                      |      |          |         |           |          |        |          |      |
| farms, 2002   | -    | -        | 2       | 1         | -        | 2      | -        | 1    |
| 1997  | -    | 6        | 3       | 5         | -        | -      | -        | 2    |
| number, 2002  | -    | -        | (D)     | (D)       | -        | (D)    | -        | (D)  |
| 1997  | -    | 231      | 106     | 190       | -        | (D)    | -        | (D)  |
| 50 to 99 .....                                      |      |          |         |           |          |        |          |      |
| farms, 2002   | -    | 3        | 5       | 2         | -        | 2      | -        | -    |
| 1997  | -    | 3        | 8       | 3         | 3        | 6      | -        | 6    |
| number, 2002  | -    | 202      | 369     | (D)       | -        | (D)    | -        | -    |
| 1997  | -    | 205      | 491     | 166       | 201      | 466    | -        | 466  |
| 100 to 199 .....                                    |      |          |         |           |          |        |          |      |
| farms, 2002   | -    | 4        | 5       | 2         | -        | 4      | -        | -    |
| 1997  | -    | 8        | 14      | 3         | -        | -      | -        | -    |
| number, 2002  | -    | 592      | 732     | (D)       | -        | (D)    | -        | -    |
| 1997  | -    | 1,054    | 1,800   | 335       | -        | (D)    | -        | -    |
| 200 to 499 .....                                    |      |          |         |           |          |        |          |      |
| farms, 2002   | -    | -        | 2       | 3         | -        | -      | -        | -    |
| 1997  | -    | 8        | 5       | 6         | -        | 4      | -        | -    |
| number, 2002  | -    | -        | (D)     | 1,050     | -        | -      | -        | -    |
| 1997  | -    | 2,515    | 1,589   | 2,496     | -        | 1,270  | -        | -    |
| 500 to 999 .....                                    |      |          |         |           |          |        |          |      |
| farms, 2002   | -    | -        | 1       | 5         | -        | -      | -        | -    |
| 1997  | -    | 2        | 2       | 7         | 1        | 2      | -        | -    |
| number, 2002  | -    | -        | (D)     | 3,650     | -        | -      | -        | -    |
| 1997  | -    | (D)      | (D)     | 5,292     | (D)      | (D)    | -        | -    |
| 1,000 or more .....                                 |      |          |         |           |          |        |          |      |
| farms, 2002   | -    | 3        | -       | 7         | 1        | 1      | -        | -    |
| 1997  | -    | 2        | 2       | 10        | -        | (D)    | -        | -    |
| number, 2002  | -    | 7,740    | (D)     | 29,384    | (D)      | (D)    | -        | -    |
| 1997  | -    | (D)      | (D)     | 40,721    | -        | (D)    | -        | -    |
| Hogs and pigs used or to be used for breeding ..... |      |          |         |           |          |        |          |      |
| farms, 2002   | -    | 10       | 27      | 12        | 5        | 20     | -        | 9    |
| 1997  | 6    | 28       | 41      | 28        | 7        | 27     | -        | 10   |
| number, 2002  | -    | 574      | 523     | 2,497     | (D)      | 162    | -        | 46   |
| 1997  | 15   | 622      | 1,175   | 3,921     | (D)      | 889    | -        | 82   |
| 2002 farms by inventory:                            |      |          |         |           |          |        |          |      |
| 1 to 24 .....                                       | -    | 9        | 17      | 7         | 4        | 18     | -        | 9    |
| 25 to 49 .....                                      | -    | -        | 8       | 2         | -        | 2      | -        | -    |
| 50 to 99 .....                                      | -    | -        | 1       | 1         | -        | -      | -        | -    |
| 100 or more .....                                   | -    | 1        | 1       | 2         | 1        | -      | -        | -    |
| Other hogs and pigs .....                           |      |          |         |           |          |        |          |      |
| farms, 2002   | 4    | 27       | 48      | 39        | 16       | 26     | -        | 10   |
| 1997  | 7    | 49       | 75      | 54        | 15       | 64     | -        | 15   |
| number, 2002  | 23   | 8,080    | 2,378   | 32,240    | (D)      | 3,139  | -        | 68   |
| 1997  | 78   | 7,146    | 8,079   | 45,494    | (D)      | 7,211  | -        | 499  |
| <b>SALES</b>  |      |          |         |           |          |        |          |      |
| Hogs and pigs sold .....                            |      |          |         |           |          |        |          |      |
| farms, 2002   | 3    | 36       | 45      | 43        | 16       | 45     | -        | 10   |
| 1997  | 6    | 52       | 74      | 67        | 10       | 60     | -        | 12   |
| number, 2002  | 25   | 21,291   | 5,747   | 95,361    | (D)      | 8,996  | -        | 296  |
| 1997  | 66   | 11,232   | 14,185  | 86,928    | 3,713    | 14,638 | -        | 484  |
| \$1,000, 2002                                       | 2    | 1,892    | 481     | 6,829     | (D)      | 808    | -        | 21   |
| 1997  | 10   | 1,324    | 1,495   | 9,359     | 289      | 1,532  | -        | 51   |
| 2002 farms by number sold:                          |      |          |         |           |          |        |          |      |
| 1 to 24 .....                                       | 3    | 22       | 21      | 23        | 15       | 34     | -        | 4    |
| number  | 25   | 110      | 111     | 174       | 90       | 208    | -        | 13   |
| 25 to 49 .....                                      | -    | 4        | 6       | 1         | -        | 4      | -        | 3    |
| number  | -    | 133      | 210     | (D)       | -        | 148    | -        | 86   |
| 50 to 99 .....                                      | -    | 3        | 9       | 2         | -        | 1      | -        | 3    |
| number  | -    | 230      | 690     | (D)       | -        | (D)    | -        | 197  |
| 100 to 199 .....                                    | -    | 4        | 3       | 1         | -        | 3      | -        | -    |
| number  | -    | 506      | 462     | (D)       | -        | (D)    | -        | -    |
| 200 to 499 .....                                    | -    | -        | 2       | 3         | -        | 2      | -        | -    |
| number  | -    | -        | (D)     | 1,017     | -        | (D)    | -        | -    |
| 500 to 999 .....                                    | -    | -        | 2       | 1         | 1        | -      | -        | -    |
| number  | -    | -        | (D)     | (D)       | (D)      | -      | -        | -    |
| 1,000 or more .....                                 | -    | 3        | 2       | 12        | -        | 1      | -        | -    |
| number  | -    | 20,312   | (D)     | 93,285    | -        | (D)    | -        | -    |

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer | Leelanau | Lenawee | Livingston | Luce | Mackinac | Macomb | Manistee |
|---|--------|----------|---------|------------|------|----------|--------|----------|
| <b>INVENTORY</b>                                    |        |          |         |            |      |          |        |          |
| Total hogs and pigs .....                           |        |          |         |            |      |          |        |          |
| farms, 2002   | 58     | 6        | 42      | 31         | -    | 1        | 9      | 9        |
| 1997  | 80     | 7        | 77      | 39         | -    | 4        | 21     | 15       |
| number, 2002  | 2,757  | 239      | 12,789  | 1,676      | -    | (D)      | 180    | 418      |
| 1997  | 3,752  | 63       | 13,153  | 2,446      | -    | 38       | (D)    | 408      |
| Farms by inventory:                                 |        |          |         |            |      |          |        |          |
| 1 to 24 .....                                       | 42     | 3        | 18      | 22         | -    | 1        | 7      | 5        |
| farms, 2002   | 42     | 3        | 18      | 22         | -    | 1        | 7      | 5        |
| 1997  | 60     | 6        | 31      | 26         | -    | 4        | 16     | 7        |
| number, 2002  | 286    | 19       | 94      | 122        | -    | (D)      | (D)    | 31       |
| 1997  | 452    | (D)      | 224     | 178        | -    | 38       | 132    | 27       |
| 25 to 49 .....                                      | 2      | -        | 4       | 5          | -    | -        | -      | -        |
| farms, 2002   | 2      | -        | 4       | 5          | -    | -        | -      | -        |
| 1997  | 2      | 1        | 6       | 4          | -    | -        | -      | 5        |
| number, 2002  | (D)    | -        | 161     | 147        | -    | -        | -      | -        |
| 1997  | (D)    | (D)      | 196     | (D)        | -    | -        | -      | 196      |
| 50 to 99 .....                                      | 1      | 2        | 4       | 1          | -    | -        | 2      | 2        |
| farms, 2002   | 1      | 2        | 4       | 1          | -    | -        | 2      | 2        |
| 1997  | 6      | -        | 16      | 5          | -    | -        | 3      | 3        |
| number, 2002  | (D)    | (D)      | 296     | (D)        | -    | -        | (D)    | (D)      |
| 1997  | 357    | -        | 1,019   | 304        | -    | -        | 183    | 185      |
| 100 to 199 .....                                    | 8      | 1        | 3       | -          | -    | -        | -      | 2        |
| farms, 2002   | 8      | 1        | 3       | -          | -    | -        | -      | 2        |
| 1997  | 6      | -        | 9       | -          | -    | -        | -      | -        |
| number, 2002  | 864    | (D)      | 518     | -          | -    | -        | -      | (D)      |
| 1997  | 670    | -        | 1,230   | -          | -    | -        | -      | -        |
| 200 to 499 .....                                    | 5      | -        | 5       | 2          | -    | -        | -      | -        |
| farms, 2002   | 5      | -        | 5       | 2          | -    | -        | -      | -        |
| 1997  | 5      | -        | 6       | 3          | -    | -        | -      | -        |
| number, 2002  | 1,470  | -        | 1,606   | (D)        | -    | -        | -      | -        |
| 1997  | 1,456  | -        | 2,150   | 880        | -    | -        | -      | -        |
| 500 to 999 .....                                    | -      | -        | 5       | 1          | -    | -        | -      | -        |
| farms, 2002   | -      | -        | 6       | 1          | -    | -        | -      | -        |
| 1997  | 1      | -        | -       | -          | -    | -        | -      | -        |
| number, 2002  | -      | -        | 3,839   | (D)        | -    | -        | -      | -        |
| 1997  | (D)    | -        | 4,993   | (D)        | -    | -        | -      | -        |
| 1,000 or more .....                                 | -      | -        | 3       | -          | -    | -        | -      | -        |
| farms, 2002   | -      | -        | 3       | -          | -    | -        | -      | -        |
| 1997  | -      | -        | 3       | -          | -    | -        | 2      | -        |
| number, 2002  | -      | -        | 6,275   | -          | -    | -        | -      | -        |
| 1997  | -      | -        | 3,341   | -          | -    | -        | (D)    | -        |
| Hogs and pigs used or to be used for breeding ..... |        |          |         |            |      |          |        |          |
| farms, 2002   | 23     | 2        | 17      | 18         | -    | -        | 2      | 3        |
| 1997  | 35     | 3        | 35      | 16         | -    | 2        | 13     | 7        |
| number, 2002  | 358    | (D)      | 268     | 328        | -    | -        | (D)    | 87       |
| 1997  | 634    | (D)      | 950     | 300        | -    | (D)      | 541    | 74       |
| 2002 farms by inventory:                            |        |          |         |            |      |          |        |          |
| 1 to 24 .....                                       | 17     | 2        | 11      | 15         | -    | -        | 2      | 2        |
| 25 to 49 .....                                      | 5      | -        | 6       | 1          | -    | -        | -      | -        |
| 50 to 99 .....                                      | 1      | -        | -       | 1          | -    | -        | -      | 1        |
| 100 or more .....                                   | -      | -        | -       | 1          | -    | -        | -      | -        |
| Other hogs and pigs .....                           |        |          |         |            |      |          |        |          |
| farms, 2002   | 54     | 6        | 39      | 26         | -    | 1        | 8      | 9        |
| 1997  | 77     | 7        | 71      | 37         | -    | 4        | 17     | 14       |
| number, 2002  | 2,399  | (D)      | 12,521  | 1,348      | -    | (D)      | (D)    | 331      |
| 1997  | 3,118  | (D)      | 12,203  | 2,146      | -    | (D)      | (D)    | 334      |
| <b>SALES</b>  |        |          |         |            |      |          |        |          |
| Hogs and pigs sold .....                            |        |          |         |            |      |          |        |          |
| farms, 2002   | 51     | 5        | 56      | 34         | -    | 6        | 11     | 12       |
| 1997  | 57     | 9        | 79      | 36         | 1    | 3        | 21     | 14       |
| number, 2002  | 4,528  | (D)      | 31,544  | 3,647      | -    | 68       | 224    | 357      |
| 1997  | 5,959  | 84       | 27,783  | 3,146      | (D)  | (D)      | 7,648  | 913      |
| \$1,000, 2002                                       | 297    | (D)      | 2,815   | 275        | -    | 6        | 24     | 30       |
| 1997  | 584    | 14       | 3,230   | 366        | (D)  | (D)      | (D)    | 112      |
| 2002 farms by number sold:                          |        |          |         |            |      |          |        |          |
| 1 to 24 .....                                       | 26     | 4        | 31      | 27         | -    | 5        | 8      | 7        |
| farms   | 132    | 18       | 180     | 209        | -    | (D)      | 35     | 22       |
| number  | 7      | -        | 2       | 1          | -    | 1        | 1      | 1        |
| 25 to 49 .....                                      | (D)    | -        | (D)     | (D)        | -    | (D)      | (D)    | (D)      |
| 50 to 99 .....                                      | 2      | -        | 6       | 3          | -    | -        | 2      | 3        |
| farms   | (D)    | -        | 406     | 198        | -    | -        | (D)    | (D)      |
| number  | 8      | 1        | 1       | -          | -    | -        | -      | 1        |
| 100 to 199 .....                                    | 943    | (D)      | (D)     | -          | -    | -        | -      | (D)      |
| 200 to 499 .....                                    | 7      | -        | 4       | 1          | -    | -        | -      | -        |
| farms   | 2,080  | -        | 1,380   | (D)        | -    | -        | -      | -        |
| number  | -      | -        | 4       | -          | -    | -        | -      | -        |
| 500 to 999 .....                                    | -      | -        | 2,650   | -          | -    | -        | -      | -        |
| farms   | -      | -        | 2,650   | -          | -    | -        | -      | -        |
| number  | -      | -        | -       | -          | -    | -        | -      | -        |
| 1,000 or more .....                                 | 1      | -        | 8       | 2          | -    | -        | -      | -        |
| farms   | (D)    | -        | 26,667  | (D)        | -    | -        | -      | -        |
| number  | -      | -        | -       | -          | -    | -        | -      | -        |

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Marquette   | Mason | Mecosta | Menominee | Midland | Missaukee | Monroe | Montcalm |
|---|-------------|-------|---------|-----------|---------|-----------|--------|----------|
| <b>INVENTORY</b>                                    |             |       |         |           |         |           |        |          |
| Total hogs and pigs .....                           |             |       |         |           |         |           |        |          |
| farms, 2002   | 7           | 16    | 69      | 23        | 23      | 18        | 40     | 42       |
| 1997  | 15          | 35    | 72      | 17        | 41      | 20        | 76     | 65       |
| number, 2002  | 137         | (D)   | 18,150  | 540       | 4,198   | 3,261     | 2,834  | 8,383    |
| 1997  | 194         | 990   | 11,585  | 243       | 4,474   | 2,621     | 13,557 | 22,903   |
| Farms by inventory:                                 |             |       |         |           |         |           |        |          |
| 1 to 24 .....                                       | 6           | 12    | 34      | 18        | 11      | 11        | 25     | 31       |
| 1997  | 12          | 28    | 38      | 15        | 30      | 14        | 41     | 37       |
| number, 2002  | (D)         | 106   | 267     | (D)       | 107     | 106       | 180    | 204      |
| 1997  | 74          | 138   | 216     | (D)       | 235     | 123       | 361    | 302      |
| 25 to 49 .....                                      | -           | 1     | 7       | 1         | 4       | 3         | 4      | 4        |
| 1997  | 2           | 2     | 8       | 1         | 3       | 3         | 6      | 5        |
| number, 2002  | -           | (D)   | 282     | (D)       | 154     | 115       | (D)    | 129      |
| 1997  | (D)         | (D)   | 305     | (D)       | 85      | 94        | 217    | 199      |
| 50 to 99 .....                                      | -           | 1     | 13      | 3         | 2       | 1         | 3      | 2        |
| 1997  | 1           | 3     | 10      | 1         | 4       | 1         | 11     | 8        |
| number, 2002  | -           | (D)   | 1,025   | 213       | (D)     | (D)       | 166    | (D)      |
| 1997  | (D)         | 227   | 670     | (D)       | 239     | (D)       | 763    | 470      |
| 100 to 199 .....                                    | farms, 2002 | 1     | 1       | 9         | 1       | 2         | -      | -        |
| 1997  | -           | -     | -       | -         | -       | -         | 1      | 4        |
| number, 2002  | (D)         | (D)   | (D)     | (D)       | (D)     | -         | 456    | -        |
| 1997  | -           | -     | 1,206   | -         | -       | (D)       | 639    | 697      |
| 200 to 499 .....                                    | farms, 2002 | -     | -       | 4         | -       | 1         | 2      | 4        |
| 1997  | -           | 2     | 4       | -         | 2       | -         | 6      | 4        |
| number, 2002  | -           | -     | 1,011   | -         | (D)     | (D)       | 1,347  | -        |
| 1997  | -           | (D)   | 1,088   | -         | (D)     | -         | 1,900  | 935      |
| 500 to 999 .....                                    | farms, 2002 | -     | -       | -         | -       | -         | -      | -        |
| 1997  | -           | -     | 1       | -         | -       | -         | 1      | 2        |
| number, 2002  | -           | -     | -       | -         | -       | -         | 4      | 2        |
| 1997  | -           | -     | (D)     | -         | -       | -         | 2,329  | (D)      |
| 1,000 or more .....                                 | farms, 2002 | -     | 1       | 2         | -       | 3         | 1      | -        |
| 1997  | -           | -     | 2       | -         | 2       | -         | 4      | 3        |
| number, 2002  | -           | (D)   | (D)     | -         | 3,200   | (D)       | -      | 6,500    |
| 1997  | -           | -     | (D)     | -         | (D)     | (D)       | 7,348  | (D)      |
| Hogs and pigs used or to be used for breeding ..... | farms, 2002 | 3     | 10      | 38        | 9       | 12        | 10     | 20       |
| 1997  | 6           | 10    | 37      | 7         | 20      | 6         | 35     | 37       |
| number, 2002  | (D)         | 86    | 461     | 84        | 255     | (D)       | 415    | 318      |
| 1997  | 22          | 55    | (D)     | 51        | 475     | (D)       | 2,480  | 3,103    |
| 2002 farms by inventory:                            |             |       |         |           |         |           |        |          |
| 1 to 24 .....                                       | 3           | 9     | 36      | 9         | 8       | 9         | 15     | 15       |
| 25 to 49 .....                                      | -           | 1     | 2       | -         | 3       | -         | 1      | -        |
| 50 to 99 .....                                      | -           | -     | -       | -         | 1       | -         | 3      | -        |
| 100 or more .....                                   | -           | -     | -       | -         | -       | 1         | 1      | 2        |
| Other hogs and pigs .....                           | farms, 2002 | 5     | 13      | 65        | 23      | 20        | 17     | 35       |
| 1997  | 13          | 32    | 65      | 15        | 34      | 20        | 74     | 34       |
| number, 2002  | (D)         | (D)   | 17,689  | 456       | 3,943   | (D)       | 2,419  | 8,065    |
| 1997  | 172         | 935   | (D)     | 192       | 3,999   | (D)       | 11,077 | 19,800   |
| <b>SALES</b>  |             |       |         |           |         |           |        |          |
| Hogs and pigs sold .....                            | farms, 2002 | 9     | 13      | 76        | 21      | 25        | 14     | 45       |
| 1997  | 9           | 22    | 65      | 17        | 41      | 19        | 72     | 67       |
| number, 2002  | 62          | (D)   | (D)     | 569       | 10,659  | (D)       | 7,143  | 19,309   |
| 1997  | 192         | 1,159 | 80,205  | 324       | 9,078   | (D)       | 35,279 | 36,372   |
| \$1,000, 2002                                       | 6           | 6     | 3,974   | 56        | 922     | 545       | 617    | 1,706    |
| 1997  | 26          | 113   | 2,225   | 31        | 1,021   | (D)       | 3,162  | 4,359    |
| 2002 farms by number sold:                          |             |       |         |           |         |           |        |          |
| 1 to 24 .....                                       | farms       | 9     | 7       | 30        | 14      | 13        | 4      | 28       |
| number  | 62          | 48    | 157     | 118       | 89      | 67        | 230    | 265      |
| 25 to 49 .....                                      | farms       | -     | 2       | 8         | 1       | -         | 5      | 3        |
| number  | -           | (D)   | 322     | (D)       | -       | 161       | 102    | 2        |
| 50 to 99 .....                                      | farms       | -     | 1       | 10        | 5       | 1         | 2      | 4        |
| number  | -           | (D)   | 613     | (D)       | (D)     | (D)       | (D)    | 299      |
| 100 to 199 .....                                    | farms       | -     | 2       | 12        | 1       | 3         | -      | 2        |
| number  | -           | (D)   | 1,332   | (D)       | (D)     | -         | (D)    | 2        |
| 200 to 499 .....                                    | farms       | -     | -       | 14        | -       | 4         | -      | 6        |
| number  | -           | -     | 4,218   | -         | 1,240   | -         | 2,418  | -        |
| 500 to 999 .....                                    | farms       | -     | -       | -         | -       | 1         | 2      | 3        |
| number  | -           | -     | -       | -         | (D)     | (D)       | 2,370  | 1        |
| 1,000 or more .....                                 | farms       | -     | 1       | 2         | -       | 3         | 1      | 4        |
| number  | -           | (D)   | (D)     | -         | 8,320   | (D)       | (D)    | 17,900   |

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency | Muskegon | Newaygo | Oakland | Oceana | Ogemaw | Ontonagon | Osceola |
|---|-------------|----------|---------|---------|--------|--------|-----------|---------|
| <b>INVENTORY</b>                                    |             |          |         |         |        |        |           |         |
| Total hogs and pigs .....                           |             |          |         |         |        |        |           |         |
| farms, 2002   | 14          | 21       | 47      | 7       | 30     | 12     | 2         | 27      |
| 1997  | 9           | 29       | 55      | 11      | 32     | 14     | -         | 48      |
| number, 2002  | 380         | 3,616    | 4,820   | 238     | (D)    | 205    | (D)       | 504     |
| 1997  |             | 6,226    | 9,732   | 432     | 2,289  | 253    | -         | 863     |
| Farms by inventory:                                 |             |          |         |         |        |        |           |         |
| 1 to 24 .....                                       |             |          |         |         |        |        |           |         |
| farms, 2002   | 11          | 12       | 41      | 4       | 18     | 8      | 2         | 23      |
| 1997  | 8           | 19       | 41      | 7       | 18     | 12     | -         | 41      |
| number, 2002  | 42          | 94       | (D)     | 14      | 166    | 47     | (D)       | 144     |
| 1997  | 35          | 110      | (D)     | 46      | 124    | (D)    | -         | 222     |
| 25 to 49 .....                                      |             |          |         |         |        |        |           |         |
| farms, 2002   | 2           | 1        | 2       | 2       | 5      | 2      | -         | 2       |
| 1997  | -           | -        | 4       | 1       | 2      | 1      | -         | 3       |
| number, 2002  | (D)         | (D)      | (D)     | (D)     | 158    | (D)    | -         | (D)     |
| 1997  | -           | (D)      | 170     | (D)     | (D)    | (D)    | -         | (D)     |
| 50 to 99 .....                                      |             |          |         |         |        |        |           |         |
| farms, 2002   | -           | 2        | -       | -       | 5      | 2      | -         | -       |
| 1997  | -           | 1        | 1       | 2       | 3      | -      | -         | 1       |
| number, 2002  | -           | (D)      | -       | -       | 299    | (D)    | -         | -       |
| 1997  | -           | (D)      | (D)     | (D)     | 184    | -      | -         | (D)     |
| 100 to 199 .....                                    |             |          |         |         |        |        |           |         |
| farms, 2002   | -           | -        | 1       | 1       | -      | -      | -         | 1       |
| 1997  | -           | -        | 5       | -       | 7      | 1      | -         | 2       |
| number, 2002  | -           | -        | (D)     | (D)     | -      | -      | -         | (D)     |
| 1997  | -           | (D)      | 768     | -       | 796    | (D)    | -         | (D)     |
| 200 to 499 .....                                    |             |          |         |         |        |        |           |         |
| farms, 2002   | 1           | 2        | 2       | -       | -      | -      | -         | 1       |
| 1997  | 1           | 2        | 3       | 1       | 1      | -      | -         | 1       |
| number, 2002  | (D)         | (D)      | (D)     | -       | -      | -      | -         | (D)     |
| 1997  | (D)         | (D)      | 1,104   | (D)     | (D)    | -      | -         | (D)     |
| 500 to 999 .....                                    |             |          |         |         |        |        |           |         |
| farms, 2002   | -           | 3        | -       | -       | -      | -      | -         | -       |
| 1997  | -           | 3        | -       | -       | 1      | -      | -         | -       |
| number, 2002  | -           | 1,909    | -       | -       | -      | -      | -         | -       |
| 1997  | -           | 2,406    | -       | -       | (D)    | -      | -         | -       |
| 1,000 or more .....                                 |             |          |         |         |        |        |           |         |
| farms, 2002   | -           | 1        | 1       | -       | 2      | -      | -         | -       |
| 1997  | -           | 2        | 1       | -       | -      | -      | -         | -       |
| number, 2002  | -           | (D)      | (D)     | -       | (D)    | -      | -         | -       |
| 1997  | -           | (D)      | -       | -       | -      | -      | -         | -       |
| Hogs and pigs used or to be used for breeding ..... |             |          |         |         |        |        |           |         |
| farms, 2002   | 8           | 8        | 20      | 2       | 22     | 6      | 2         | 8       |
| 1997  | 2           | 11       | 20      | 9       | 10     | 4      | -         | 23      |
| number, 2002  | 99          | 172      | (D)     | (D)     | (D)    | 120    | (D)       | 53      |
| 1997  | (D)         | 634      | (D)     | 96      | 334    | 38     | -         | 132     |
| 2002 farms by inventory:                            |             |          |         |         |        |        |           |         |
| 1 to 24 .....                                       | 7           | 6        | 18      | 1       | 20     | 4      | 2         | 8       |
| 25 to 49 .....                                      | -           | -        | -       | 1       | -      | -      | -         | -       |
| 50 to 99 .....                                      | 1           | 2        | 1       | -       | -      | 2      | -         | -       |
| 100 or more .....                                   | -           | -        | 1       | -       | 2      | -      | -         | -       |
| Other hogs and pigs .....                           |             |          |         |         |        |        |           |         |
| farms, 2002   | 14          | 18       | 38      | 7       | 26     | 10     | 2         | 26      |
| 1997  | 9           | 28       | 53      | 10      | 32     | 14     | -         | 39      |
| number, 2002  | 281         | 3,444    | (D)     | (D)     | (D)    | 85     | (D)       | 451     |
| 1997  | (D)         | 5,592    | (D)     | 336     | 1,955  | 215    | -         | 731     |
| <b>SALES</b>  |             |          |         |         |        |        |           |         |
| Hogs and pigs sold .....                            |             |          |         |         |        |        |           |         |
| farms, 2002   | 15          | 22       | 48      | 8       | 37     | 9      | 2         | 29      |
| 1997  | 6           | 19       | 38      | 14      | 32     | 11     | -         | 39      |
| number, 2002  | 704         | 9,034    | (D)     | 654     | (D)    | 618    | (D)       | 1,030   |
| 1997  | (D)         | 9,087    | 20,119  | 1,018   | 6,736  | 305    | (D)       | 1,441   |
| \$1,000, 2002                                       | 42          | 808      | (D)     | 57      | (D)    | (D)    | (D)       | 76      |
| 1997  | 22          | 1,194    | 1,375   | 99      | 555    | 26     | -         | 156     |
| 2002 farms by number sold:                          |             |          |         |         |        |        |           |         |
| 1 to 24 .....                                       | 11          | 10       | 41      | 3       | 25     | 2      | 2         | 19      |
| number  | 57          | 82       | 289     | 20      | 123    | (D)    | (D)       | 115     |
| 25 to 49 .....                                      | 2           | 2        | 2       | 3       | 6      | 2      | -         | 4       |
| number  | (D)         | (D)      | (D)     | (D)     | 173    | (D)    | -         | 120     |
| 50 to 99 .....                                      | 1           | 2        | 1       | -       | 3      | 3      | -         | 2       |
| number  | (D)         | (D)      | (D)     | -       | 185    | 150    | -         | (D)     |
| 100 to 199 .....                                    | -           | -        | 1       | 1       | 1      | 1      | -         | 2       |
| number  | -           | -        | (D)     | (D)     | (D)    | (D)    | -         | (D)     |
| 200 to 499 .....                                    | -           | 3        | 1       | 1       | -      | 1      | -         | 2       |
| number  | -           | 924      | (D)     | (D)     | -      | (D)    | -         | (D)     |
| 500 to 999 .....                                    | 1           | 1        | 1       | -       | -      | -      | -         | -       |
| number  | (D)         | (D)      | (D)     | -       | -      | -      | -         | -       |
| 1,000 or more .....                                 | -           | 4        | 1       | -       | 2      | -      | -         | -       |
| number  | -           | 7,169    | (D)     | -       | (D)    | -      | -         | -       |

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda   | Otsego                                  | Ottawa                              | Presque Isle                                    | Roscommon                         | Saginaw     | St. Clair                                   | St. Joseph  |
|---|--|---|-------------------------------------|---|-----------------------------------|-------------|---|---|
| <b>INVENTORY</b>                                    |  |   |                                     |   |                                   |             |   |   |
| Total hogs and pigs .....                           | farms, 2002<br>1997<br>number, 2002<br>1997                          | 3<br>6<br>(D)<br>(D)                    | 4<br>3<br>(D)<br>(D)                | 72<br>108<br>96,301<br>68,997                   | 11<br>11<br>115<br>76             | -<br>2<br>- | 40<br>29<br>7,761<br>4,297                  | 53<br>58<br>2,289<br>2,040                        |
| Farms by inventory:                                 |  |   |                                     |   |                                   |             |   |   |
| 1 to 24 .....                                       | farms, 2002<br>1997<br>number, 2002<br>1997                          | 2<br>4<br>(D)<br>(D)                    | 2<br>2<br>(D)<br>(D)                | 36<br>47<br>281<br>76                           | 9<br>11<br>(D)<br>2               | -<br>1<br>- | 26<br>16<br>209<br>119                      | 42<br>48<br>243<br>219                            |
| 25 to 49 .....                                      | farms, 2002<br>1997<br>number, 2002<br>1997                          | 1<br>1<br>(D)<br>(D)                    | -<br>-<br>(D)<br>359                | 2<br>9<br>(D)<br>-                              | 2<br>1<br>(D)<br>-                | -<br>1<br>- | 1<br>6<br>(D)<br>196                        | 6<br>2<br>199<br>(D)<br>155                       |
| 50 to 99 .....                                      | farms, 2002<br>1997<br>number, 2002<br>1997                          | -<br>-<br>(D)                           | 2<br>1<br>(D)                       | 2<br>7<br>(D)                                   | -<br>-                            | -<br>-      | 7<br>4<br>563<br>322                        | 3<br>3<br>(D)<br>179                              |
| 100 to 199 .....                                    | farms, 2002<br>1997<br>number, 2002<br>1997                          | -<br>1<br>(D)                           | -<br>-<br>(D)                       | 3<br>2<br>(D)                                   | -<br>-                            | -<br>-      | 2<br>1<br>(D)<br>-                          | -<br>4<br>574<br>546                              |
| 200 to 499 .....                                    | farms, 2002<br>1997<br>number, 2002<br>1997                          | -<br>-<br>(D)                           | -<br>-<br>(D)                       | 5<br>14<br>1,712<br>4,751                       | -<br>-                            | -<br>-      | -<br>-                                      | 1<br>-<br>(D)<br>-                                |
| 500 to 999 .....                                    | farms, 2002<br>1997<br>number, 2002<br>1997                          | -<br>-<br>(D)                           | -<br>-<br>(D)                       | 6<br>10<br>4,530<br>6,069                       | -<br>-                            | -<br>-      | 2<br>-                                      | -<br>3<br>(D)<br>-                                |
| 1,000 or more .....                                 | farms, 2002<br>1997<br>number, 2002<br>1997                          | -<br>-<br>(D)                           | -<br>-<br>(D)                       | 18<br>19<br>89,173<br>56,837                    | -<br>-                            | -<br>-      | 2<br>-                                      | 1<br>12<br>(D)<br>(D)<br>(D)                      |
| Hogs and pigs used or to be used for breeding ..... | farms, 2002<br>1997<br>number, 2002<br>1997                          | 1<br>2<br>(D)<br>(D)                    | 2<br>1<br>(D)<br>(D)                | 24<br>51<br>12,966<br>6,835                     | 8<br>5<br>19<br>8                 | -<br>2<br>- | 13<br>12<br>360<br>282                      | 21<br>27<br>345<br>159                            |
| 2002 farms by inventory:                            |  |   |                                     |   |                                   |             |   |   |
| 1 to 24 .....                                       | -  | -                                       | 2                                   | 13  | 8                                 | -           | 9   | 19  |
| 25 to 49 .....                                      | -  | 1                                       | -                                   | -   | -                                 | -           | 3   | 1   |
| 50 to 99 .....                                      | -  | -                                       | -                                   | 2   | -                                 | -           | -   | 1   |
| 100 or more .....                                   | -  | -                                       | -                                   | 9   | -                                 | -           | 1   | 4   |
| Other hogs and pigs .....                           | farms, 2002<br>1997<br>number, 2002<br>1997                          | 2<br>6<br>(D)<br>(D)                    | 4<br>3<br>(D)<br>(D)                | 67<br>107<br>83,335<br>62,162                   | 9<br>10<br>96<br>68               | -<br>2<br>- | 39<br>28<br>7,401<br>4,015                  | 48<br>50<br>1,944<br>1,881                        |
| <b>SALES</b>  |  |   |                                     |   |                                   |             |   |   |
| Hogs and pigs sold .....                            | farms, 2002<br>1997<br>number, 2002<br>1997<br>\$1,000, 2002<br>1997 | 3<br>6<br>(D)<br>(D)<br>44<br>17<br>(D) | 6<br>3<br>(D)<br>(D)<br>4<br>18,617 | 78<br>109<br>253,638<br>163,719<br>16,885<br>11 | 9<br>10<br>117<br>113<br>11<br>16 | -<br>2<br>- | 45<br>32<br>19,130<br>7,324<br>1,672<br>787 | 53<br>47<br>3,994<br>6,074<br>1,356,676<br>79,881 |
| 2002 farms by number sold:                          |  |   |                                     |   |                                   |             |   |   |
| 1 to 24 .....                                       | farms<br>number  | 2<br>(D)                                | 4<br>(D)                            | 37<br>258                                       | 7<br>(D)                          | -           | 26<br>189                                   | 44<br>235   |
| 25 to 49 .....                                      | farms<br>number  | -<br>-                                  | -<br>-                              | 4<br>115  | 2<br>(D)                          | -           | 3<br>101                                    | 1<br>(D)<br>188                                   |
| 50 to 99 .....                                      | farms<br>number  | -<br>-                                  | -<br>(D)                            | 4<br>298  | -<br>-                            | -           | 6<br>356                                    | 3<br>180  |
| 100 to 199 .....                                    | farms<br>number  | -<br>-                                  | -<br>(D)                            | 2<br>-  | -<br>-                            | -           | 6<br>950                                    | 2<br>(D)<br>778                                   |
| 200 to 499 .....                                    | farms<br>number  | 1<br>(D)                                | -<br>(D)                            | 2<br>-  | -<br>-                            | -<br>-      | -<br>4                                      | 2<br>(D)<br>1,762                                 |
| 500 to 999 .....                                    | farms<br>number  | -<br>-                                  | -<br>(D)                            | 2<br>-  | -<br>-                            | -<br>-      | -<br>-                                      | -<br>-  |
| 1,000 or more .....                                 | farms<br>number  | -<br>-                                  | -<br>(D)                            | 27<br>250,862                                   | -<br>-                            | -<br>-      | 4<br>17,534                                 | 1<br>(D)<br>132,470                               |

--continued

**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne | Wexford |
|---|---------|-------------|------------|---------|-----------|-----------|-------|---------|
| <b>INVENTORY</b>                                    |         |             |            |         |           |           |       |         |
| Total hogs and pigs .....                           |         |             |            |         |           |           |       |         |
| farms, 2002   | 46      | -           | 49         | 51      | 36        | 39        | 10    | 19      |
| 1997  | 88      | 4           | 85         | 58      | 68        | 64        | 13    | 19      |
| number, 2002  | 5,372   | -           | 2,674      | 13,618  | 24,985    | 3,841     | 356   | 379     |
| 1997  | 10,279  | 13          | 2,658      | 9,092   | 29,124    | 20,512    | 655   | 119     |
| Farms by inventory:                                 |         |             |            |         |           |           |       |         |
| 1 to 24 .....                                       | 26      | -           | 31         | 23      | 17        | 20        | 8     | 15      |
| 1997  | 47      | 4           | 58         | 35      | 39        | 32        | 9     | 18      |
| number, 2002  | 203     | -           | 292        | 190     | 112       | (D)       | (D)   | 123     |
| 1997  | (D)     | 13          | 485        | 242     | 318       | 263       | 35    | (D)     |
| 25 to 49 .....                                      | 9       | -           | 10         | 7       | 6         | 9         | -     | 2       |
| 1997  | 9       | -           | 13         | 4       | 3         | 4         | -     | 1       |
| number, 2002  | 316     | -           | 310        | 226     | 219       | 306       | -     | (D)     |
| 1997  | 358     | -           | 469        | (D)     | (D)       | (D)       | -     | (D)     |
| 50 to 99 .....                                      | 3       | -           | 1          | 3       | 1         | 4         | -     | -       |
| 1997  | 13      | -           | 6          | 3       | 4         | 9         | 1     | -       |
| number, 2002  | 182     | -           | (D)        | 191     | (D)       | 291       | -     | -       |
| 1997  | 798     | -           | (D)        | 228     | 300       | 605       | (D)   | -       |
| 100 to 199 .....                                    | 1       | -           | 4          | -       | 3         | 1         | 2     | 2       |
| 1997  | 7       | -           | 6          | 3       | 2         | 3         | 1     | -       |
| number, 2002  | (D)     | -           | 455        | -       | 475       | (D)       | (D)   | (D)     |
| 1997  | 960     | -           | 740        | 450     | (D)       | 420       | (D)   | -       |
| 200 to 499 .....                                    | 4       | -           | 2          | 10      | 2         | 1         | -     | -       |
| 1997  | 5       | -           | 2          | 7       | 3         | 7         | 2     | -       |
| number, 2002  | 1,220   | -           | (D)        | 3,035   | (D)       | (D)       | -     | -       |
| 1997  | 1,344   | -           | (D)        | 2,083   | 850       | 2,312     | (D)   | -       |
| 500 to 999 .....                                    | 1       | -           | -          | 4       | -         | 4         | -     | -       |
| 1997  | 5       | -           | -          | 4       | 9         | 8         | -     | -       |
| number, 2002  | (D)     | -           | -          | 3,276   | -         | 2,625     | -     | -       |
| 1997  | 3,221   | -           | -          | 2,215   | 5,976     | 5,200     | -     | -       |
| 1,000 or more .....                                 | 2       | -           | 1          | 4       | 7         | -         | -     | -       |
| 1997  | 2       | -           | -          | 2       | 8         | 1         | -     | -       |
| number, 2002  | (D)     | -           | (D)        | 6,700   | 23,583    | -         | -     | -       |
| 1997  | (D)     | -           | -          | (D)     | 21,323    | (D)       | -     | -       |
| Hogs and pigs used or to be used for breeding ..... |         |             |            |         |           |           |       |         |
| farms, 2002   | 30      | -           | 32         | 20      | 21        | 16        | 2     | 9       |
| 1997  | 54      | 3           | 46         | 29      | 41        | 29        | 4     | 1       |
| number, 2002  | 784     | -           | 394        | 585     | 3,820     | 462       | (D)   | 89      |
| 1997  | 1,661   | (D)         | 673        | 797     | 4,712     | 2,041     | (D)   | (D)     |
| 2002 farms by inventory:                            |         |             |            |         |           |           |       |         |
| 1 to 24 .....                                       | 22      | -           | 27         | 12      | 13        | 11        | 2     | 9       |
| 25 to 49 .....                                      | 5       | -           | 3          | 4       | 3         | 1         | -     | -       |
| 50 to 99 .....                                      | -       | -           | 2          | 2       | -         | 3         | -     | -       |
| 100 or more .....                                   | 3       | -           | -          | 2       | 5         | 1         | -     | -       |
| Other hogs and pigs .....                           |         |             |            |         |           |           |       |         |
| farms, 2002   | 44      | -           | 48         | 50      | 32        | 37        | 10    | 18      |
| 1997  | 83      | 4           | 82         | 57      | 61        | 64        | 13    | 19      |
| number, 2002  | 4,588   | -           | 2,280      | 13,033  | 21,165    | 3,379     | (D)   | 290     |
| 1997  | 8,618   | (D)         | 1,985      | 8,295   | 24,412    | 18,471    | (D)   | (D)     |
| <b>SALES</b>  |         |             |            |         |           |           |       |         |
| Hogs and pigs sold .....                            |         |             |            |         |           |           |       |         |
| farms, 2002   | 46      | -           | 64         | 55      | 41        | 51        | 10    | 14      |
| 1997  | 66      | 4           | 79         | 53      | 64        | 64        | 12    | 14      |
| number, 2002  | 11,711  | -           | 6,310      | 35,706  | 67,997    | 7,482     | 343   | 391     |
| 1997  | 18,417  | 40          | 5,622      | 23,746  | 55,085    | 26,043    | 742   | 295     |
| \$1,000, 2002                                       | 682     | -           | 523        | 3,141   | 5,051     | 620       | 31    | (D)     |
| 1997  | 1,553   | 5           | 432        | 2,684   | 6,946     | 3,033     | 86    | 39      |
| 2002 farms by number sold:                          |         |             |            |         |           |           |       |         |
| 1 to 24 .....                                       | 26      | -           | 42         | 27      | 17        | 27        | 8     | 8       |
| number  | 212     | -           | 443        | 188     | 140       | 257       | (D)   | 75      |
| 25 to 49 .....                                      | 4       | -           | 7          | 3       | 8         | 7         | -     | 2       |
| number  | (D)     | -           | (D)        | 110     | 269       | (D)       | -     | (D)     |
| 50 to 99 .....                                      | 1       | -           | 5          | 3       | 1         | 4         | -     | 4       |
| number  | (D)     | -           | 294        | 173     | (D)       | 294       | -     | (D)     |
| 100 to 199 .....                                    | 4       | -           | 3          | 3       | 2         | 5         | 2     | -       |
| number  | 559     | -           | 372        | 319     | (D)       | 633       | (D)   | -       |
| 200 to 499 .....                                    | 7       | -           | 5          | 3       | 5         | 2         | -     | -       |
| number  | 2,094   | -           | 1,505      | 761     | 1,343     | (D)       | -     | -       |
| 500 to 999 .....                                    | 1       | -           | 1          | 7       | 1         | 3         | -     | -       |
| number  | (D)     | -           | (D)        | 4,858   | (D)       | 2,175     | -     | -       |
| 1,000 or more .....                                 | 3       | -           | 1          | 9       | 7         | 3         | -     | -       |
| number  | 8,147   | -           | (D)        | 29,297  | 65,401    | 3,342     | -     | -       |

**Table 13. Poultry - Inventory and Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan               | Alcona         | Alger       | Allegan                     | Alpena                 | Antrim            | Arenac            |
|---|------------------------|----------------|-------------|-----------------------------|------------------------|-------------------|-------------------|
| <b>INVENTORY</b>  |                        |                |             |                             |                        |                   |                   |
| Any poultry .....                                       | farms, 2002<br>1997    | 4,374<br>3,681 | 22<br>20    | 13<br>11                    | 111<br>102             | 55<br>50          | 61<br>30          |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997    | 3,491<br>2,760 | 17<br>15    | 11<br>4                     | 74<br>67               | 40<br>40          | 57<br>23          |
| number, 2002<br>1997                                    | 7,308,261<br>4,941,675 | 676<br>550     | 247<br>75   | 2,143,904<br>1,374,859      | 1,137<br>1,141         | 1,093<br>479      | 431<br>183        |
| 2002 farms by inventory:                                |                        |                |             |                             |                        |                   |                   |
| 1 to 49 .....   |                        | 2,954          | 11          | 10                          | 63                     | 37                | 54                |
| 50 to 99 .....  |                        | 338            | 5           | 1                           | 5                      | 1                 | 3                 |
| 100 to 399 .....  |                        | 150            | 1           | -                           | 2                      | 2                 | -                 |
| 400 to 3,199 .....                                      |                        | 23             | -           | -                           | -                      | -                 | -                 |
| 3,200 to 9,999 .....                                    |                        | 5              | -           | -                           | -                      | -                 | -                 |
| 10,000 to 19,999 .....                                  |                        | -              | -           | -                           | -                      | -                 | -                 |
| 20,000 to 49,999 .....                                  |                        | 4              | -           | -                           | -                      | -                 | -                 |
| 50,000 to 99,999 .....                                  |                        | 4              | -           | -                           | -                      | -                 | -                 |
| 100,000 or more .....                                   |                        | 13             | -           | -                           | 4                      | -                 | -                 |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997    | 812<br>(NA)    | 2<br>(NA)   | 2<br>(NA)                   | 17<br>(NA)             | 11<br>544<br>(NA) | 10<br>170<br>(NA) |
| number, 2002<br>1997                                    | 1,799,012<br>(NA)      | (D)<br>(NA)    | (D)<br>(NA) | (D)<br>(NA)                 | 414,606<br>992<br>(NA) | (NA)              | 34<br>(NA)        |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997    | 1,035<br>860   | 5<br>1      | 2<br>1                      | 30<br>27               | 8<br>12           | 15<br>6           |
| number, 2002<br>1997                                    | 663,588<br>99,814      | 250<br>(D)     | (D)<br>(D)  | 374,806<br>992<br>(D)       | 200<br>300<br>(D)      | 169<br>156<br>(D) | (D)               |
| Turkeys .....   | farms, 2002<br>1997    | 612<br>569     | 2<br>-      | 4<br>3                      | 20<br>25               | 6<br>1            | 3<br>7            |
| number, 2002<br>1997                                    | 1,204,019<br>2,107,078 | (D)            | 48<br>(D)   | 311,927<br>506,095<br>(D)   | (D)                    | (D)<br>96         | (D)<br>(D)        |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997    | 1,693<br>1,212 | 16<br>6     | 6                           | 54<br>27               | 27<br>24          | 25<br>12          |
| <b>SALES</b>  |                        |                |             |                             |                        |                   |                   |
| Any poultry sold .....                                  | farms, 2002<br>1997    | 2,206<br>1,736 | 13<br>7     | 5<br>3                      | 69<br>58               | 33<br>25          | 28<br>19          |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997    | 725<br>362     | 4<br>-      | 2<br>-                      | 21<br>16               | 7<br>3            | 13<br>2           |
| number, 2002<br>1997                                    | 6,995,451<br>4,501,112 | 223<br>-       | (D)<br>-    | 2,364,019<br>734,935<br>(D) | 153<br>(D)             | 293<br>(D)        | (D)<br>(D)        |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997    | 599<br>314     | 4<br>-      | 2<br>-                      | 17<br>11               | 4<br>3            | 10<br>2           |
| number, 2002<br>1997                                    | 4,905,609<br>1,275,879 | 223<br>-       | (D)<br>-    | 1,510,305<br>52,595<br>(D)  | 42<br>115              | 156<br>(D)        | (D)               |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997    | 216<br>74      | -<br>-      | 1<br>-                      | 6<br>5                 | 4<br>1            | 4<br>2            |
| number, 2002<br>1997                                    | 2,089,842<br>3,225,233 | -<br>-         | (D)<br>-    | 853,714<br>682,340<br>(D)   | 111<br>137<br>(D)      | (D)               | (D)               |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997    | 659<br>416     | 4<br>-      | 1<br>-                      | 18<br>12               | 6<br>2            | 4<br>6            |
| number, 2002<br>1997                                    | 4,027,972<br>405,014   | 225<br>-       | (D)<br>-    | 2,420,666<br>821<br>(D)     | (D)                    | 1,055<br>205      | (D)               |
| 2002 farms by number sold:                              |                        |                |             |                             |                        |                   |                   |
| 1 to 1,999 .....  |                        | 640            | 4           | 1                           | 13                     | 6                 | 4                 |
| 2,000 to 59,999 .....                                   |                        | 10             | -           | -                           | -                      | -                 | -                 |
| 60,000 to 99,999 .....                                  |                        | 1              | -           | -                           | -                      | -                 | -                 |
| 100,000 to 199,999 .....                                |                        | 1              | -           | -                           | -                      | -                 | -                 |
| 200,000 to 499,999 .....                                |                        | 4              | -           | -                           | 3                      | -                 | -                 |
| 500,000 or more .....                                   |                        | 3              | -           | -                           | 2                      | -                 | -                 |
| Turkeys sold .....                                      | farms, 2002<br>1997    | 366<br>288     | 1<br>1      | 4<br>-                      | 11<br>9                | 5<br>351          | 5<br>(D)          |
| number, 2002<br>1997                                    | 3,306,299<br>6,482,633 | (D)<br>(D)     | 33<br>-     | 742,658<br>1,238,039        | (D)                    | (D)               | (D)               |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997    | 517<br>313     | 2<br>-      | 2                           | 13<br>11               | 6<br>5            | 5<br>2            |

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Baraga              | Barry                    | Bay                       | Benzie                  | Berrien                  | Branch                    | Calhoun                 |
|---|---------------------|--------------------------|---------------------------|-------------------------|--------------------------|---------------------------|-------------------------|
| <b>INVENTORY</b>  |                     |                          |                           |                         |                          |                           |                         |
| Any poultry .....                                       | farms, 2002<br>1997 | 12<br>4                  | 74<br>92                  | 32<br>29                | 23<br>27                 | 63<br>64                  | 40<br>60                |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997 | 11<br>1                  | 59<br>77                  | 20<br>24                | 20<br>18                 | 44<br>46                  | 29<br>41                |
| number, 2002<br>1997                                    | 237                 | 1,059<br>1,732           | 819<br>786                | 586<br>314              | 947<br>762               | 534<br>788                | 1,423<br>1,957          |
| 2002 farms by inventory:                                |                     |                          |                           |                         |                          |                           |                         |
| 1 to 49 .....   |                     | 11                       | 56                        | 19                      | 16                       | 40                        | 28                      |
| 50 to 99 .....  |                     | -                        | 3                         | -                       | 3                        | 3                         | 1                       |
| 100 to 399 .....  |                     | -                        | -                         | -                       | 1                        | 1                         | -                       |
| 400 to 3,199 .....                                      |                     | -                        | -                         | 1                       | -                        | -                         | -                       |
| 3,200 to 9,999 .....                                    |                     | -                        | -                         | -                       | -                        | -                         | -                       |
| 10,000 to 19,999 .....                                  |                     | -                        | -                         | -                       | -                        | -                         | -                       |
| 20,000 to 49,999 .....                                  |                     | -                        | -                         | -                       | -                        | -                         | -                       |
| 50,000 to 99,999 .....                                  |                     | -                        | -                         | -                       | -                        | -                         | -                       |
| 100,000 or more .....                                   |                     | -                        | -                         | -                       | -                        | -                         | -                       |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997 | 1<br>(NA)<br>(D)<br>(NA) | 12<br>(NA)<br>172<br>(NA) | 7<br>(NA)<br>77<br>(NA) | 4<br>(NA)<br>185<br>(NA) | 10<br>(NA)<br>193<br>(NA) | 3<br>(NA)<br>21<br>(NA) |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997 | 2<br>1                   | 21<br>12                  | 14<br>8                 | 3<br>7                   | 9<br>12                   | 13<br>12                |
| number, 2002<br>1997                                    | (D)<br>(D)          | 647<br>512               | 638<br>214                | 46<br>67                | 1,514<br>237             | (D)<br>(D)                | 495<br>1,248            |
| Turkeys .....   | farms, 2002<br>1997 | 2<br>2                   | 15<br>13                  | 1<br>8                  | 1<br>-                   | 5<br>12                   | 2<br>2                  |
| number, 2002<br>1997                                    | (D)<br>(D)          | (D)<br>(D)               | (D)<br>17                 | (D)<br>-                | (D)<br>-                 | 34<br>54                  | (D)<br>(D)              |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997 | 2<br>1                   | 28<br>25                  | 10<br>5                 | 13<br>6                  | 29<br>23                  | 12<br>16                |
| <b>SALES</b>  |                     |                          |                           |                         |                          |                           |                         |
| Any poultry sold .....                                  | farms, 2002<br>1997 | 4<br>2                   | 37<br>29                  | 18<br>14                | 9<br>9                   | 28<br>25                  | 22<br>23                |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997 | 1<br>-                   | 13<br>7                   | 8<br>1                  | 3<br>-                   | 8<br>2                    | 5<br>6                  |
| number, 2002<br>1997                                    | (D)<br>-            | 322<br>(D)               | 656<br>(D)                | 140<br>-                | 282<br>(D)               | 141<br>132                | 187<br>203              |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997 | 1<br>-                   | 11<br>6                   | 8<br>-                  | 1<br>-                   | 8<br>2                    | 5<br>6                  |
| number, 2002<br>1997                                    | (D)<br>-            | 186<br>47                | (D)<br>-                  | (D)<br>-                | (D)<br>-                 | (D)<br>-                  | (D)<br>132              |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997 | -<br>-                   | 8<br>1                    | 1<br>1                  | 2<br>-                   | 2<br>-                    | 2<br>-                  |
| number, 2002<br>1997                                    | -<br>-              | 136<br>(D)               | (D)<br>-                  | (D)<br>-                | (D)<br>-                 | (D)<br>-                  | (D)<br>-                |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997 | 3<br>76                  | 16<br>1                   | 9<br>1                  | -<br>-                   | 5<br>4                    | 9<br>4                  |
| number, 2002<br>1997                                    | -<br>-              | 558<br>(D)               | 100<br>(D)                | -<br>-                  | 382<br>(D)               | (D)<br>-                  | 497<br>683              |
| 2002 farms by number sold:                              |                     |                          |                           |                         |                          |                           |                         |
| 1 to 1,999 .....  |                     | 3                        | 16                        | 9                       | -                        | 5                         | 8                       |
| 2,000 to 59,999 .....                                   |                     | -                        | -                         | -                       | -                        | -                         | -                       |
| 60,000 to 99,999 .....                                  |                     | -                        | -                         | -                       | -                        | -                         | -                       |
| 100,000 to 199,999 .....                                |                     | -                        | -                         | -                       | -                        | -                         | -                       |
| 200,000 to 499,999 .....                                |                     | -                        | -                         | -                       | -                        | -                         | 1                       |
| 500,000 or more .....                                   |                     | -                        | -                         | -                       | -                        | -                         | -                       |
| Turkeys sold .....                                      | farms, 2002<br>1997 | 1<br>2                   | 6<br>3                    | 1<br>2                  | 1<br>-                   | 2<br>5                    | 4<br>2                  |
| number, 2002<br>1997                                    | (D)<br>(D)          | 180,008<br>224,100       | (D)<br>(D)                | (D)<br>-                | (D)<br>-                 | (D)<br>66                 | 15<br>(D)               |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997 | -<br>-                   | 12<br>6                   | 5<br>2                  | 3<br>3                   | 4<br>5                    | 5<br>2                  |

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass                | Charlevoix   | Cheboygan       | Chippewa        | Clare           | Clinton           | Crawford          |
|---|---------------------|--------------|-----------------|-----------------|-----------------|-------------------|-------------------|
| <b>INVENTORY</b>  |                     |              |                 |                 |                 |                   |                   |
| Any poultry .....                                       | farms, 2002<br>1997 | 51<br>59     | 30<br>30        | 36<br>27        | 32<br>22        | 51<br>52          | 74<br>41          |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997 | 43<br>47     | 24<br>27        | 34<br>18        | 26<br>18        | 42<br>45          | 67<br>30          |
| number, 2002<br>1997                                    | 1,364<br>1,099      | 508<br>1,135 | 708<br>484      | 879<br>360      | 1,330<br>1,258  | 2,240<br>780      | 442<br>(D)        |
| 2002 farms by inventory:                                |                     |              |                 |                 |                 |                   |                   |
| 1 to 49 .....   |                     | 38           | 24              | 32              | 22              | 39                | 60                |
| 50 to 99 .....  |                     | 4            | -               | 2               | 1               | 2                 | 5                 |
| 100 to 399 .....  |                     | -            | -               | -               | 3               | -                 | 2                 |
| 400 to 3,199 .....                                      |                     | 1            | -               | -               | -               | 1                 | 2                 |
| 3,200 to 9,999 .....                                    |                     | -            | -               | -               | -               | -                 | -                 |
| 10,000 to 19,999 .....                                  |                     | -            | -               | -               | -               | -                 | -                 |
| 20,000 to 49,999 .....                                  |                     | -            | -               | -               | -               | -                 | -                 |
| 50,000 to 99,999 .....                                  |                     | -            | -               | -               | -               | -                 | -                 |
| 100,000 or more .....                                   |                     | -            | -               | -               | -               | -                 | -                 |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997 | 15<br>358    | 6<br>(NA)<br>91 | 6<br>(NA)<br>74 | 6<br>(NA)<br>52 | 10<br>(NA)<br>327 | 12<br>(NA)<br>280 |
| number, 2002<br>1997                                    | (NA)<br>159         | (NA)<br>107  | (NA)<br>176     | (NA)<br>(D)     | (NA)<br>(D)     | (NA)<br>250       | (NA)<br>(D)       |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997 | 8<br>10      | 11<br>7         | 9<br>10         | 9<br>3          | 13<br>5           | 17<br>7           |
| number, 2002<br>1997                                    | (D)<br>159          | 1,018<br>107 | 336<br>176      | (D)<br>(D)      | 467<br>286      | 3,997<br>250      | -<br>(D)          |
| Turkeys .....   | farms, 2002<br>1997 | 8<br>14      | 3<br>2          | 3<br>2          | 6<br>5          | 8<br>3            | 18<br>4           |
| number, 2002<br>1997                                    | 42<br>118           | 13<br>(D)    | 12<br>(D)       | 60<br>(D)       | 65<br>14        | 140<br>13         | -<br>(D)          |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997 | 24<br>21     | 7<br>12         | 14<br>10        | 15<br>7         | 15<br>11          | 24<br>9           |
| <b>SALES</b>  |                     |              |                 |                 |                 |                   |                   |
| Any poultry sold .....                                  | farms, 2002<br>1997 | 28<br>22     | 13<br>11        | 17<br>12        | 12<br>9         | 19<br>18          | 32<br>22          |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997 | 15<br>4      | 3<br>3          | 2<br>-          | 1<br>2          | 4<br>1            | 6<br>3            |
| number, 2002<br>1997                                    | 841<br>(D)          | 39<br>(D)    | (D)<br>-        | (D)<br>-        | (D)<br>-        | 77<br>(D)         | 1,062<br>(D)      |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997 | 8<br>4       | 2<br>3          | 1<br>-          | 1<br>2          | 4<br>-            | 5<br>3            |
| number, 2002<br>1997                                    | 436<br>(D)          | (D)<br>(D)   | (D)<br>-        | (D)<br>-        | (D)<br>-        | (D)<br>-          | (D)<br>-          |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997 | 10<br>-      | 1<br>-          | 1<br>-          | -<br>1          | 1<br>1            | 1<br>-            |
| number, 2002<br>1997                                    | 405<br>-            | (D)<br>-     | (D)<br>-        | (D)<br>-        | (D)<br>-        | (D)<br>-          | (D)<br>-          |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997 | 8<br>3       | 4<br>1          | 3<br>2          | 4<br>2          | 10<br>5           | 7<br>6            |
| number, 2002<br>1997                                    | (D)<br>(D)          | 405<br>(D)   | 250<br>(D)      | (D)<br>(D)      | (D)<br>(D)      | 1,657<br>260      | (D)<br>342        |
| 2002 farms by number sold:                              |                     |              |                 |                 |                 |                   |                   |
| 1 to 1,999 .....  |                     | 7            | 4               | 3               | 4               | 10                | 6                 |
| 2,000 to 59,999 .....                                   |                     | 1            | -               | -               | -               | -                 | 1                 |
| 60,000 to 99,999 .....                                  |                     | -            | -               | -               | -               | -                 | -                 |
| 100,000 to 199,999 .....                                |                     | -            | -               | -               | -               | -                 | -                 |
| 200,000 to 499,999 .....                                |                     | -            | -               | -               | -               | -                 | -                 |
| 500,000 or more .....                                   |                     | -            | -               | -               | -               | -                 | -                 |
| Turkeys sold .....                                      | farms, 2002<br>1997 | 5<br>5       | 2<br>-          | 3<br>-          | 2<br>1          | 2<br>1            | 8<br>1            |
| number, 2002<br>1997                                    | 375<br>(D)          | (D)<br>-     | (D)<br>-        | (D)<br>-        | (D)<br>-        | (D)<br>-          | 62<br>(D)         |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997 | 8<br>6       | 4<br>1          | 1<br>-          | 1<br>1          | 1<br>7            | 1<br>1            |

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Delta               | Dickinson       | Eaton           | Emmet             | Genesee           | Gladwin           | Gogebic           |
|---|---------------------|-----------------|-----------------|-------------------|-------------------|-------------------|-------------------|
| <b>INVENTORY</b>  |                     |                 |                 |                   |                   |                   |                   |
| Any poultry .....                                       | farms, 2002<br>1997 | 24<br>30        | 17<br>14        | 83<br>79          | 41<br>38          | 134<br>78         | 75<br>79          |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997 | 23<br>25        | 13<br>12        | 63<br>57          | 36<br>29          | 105<br>48         | 61<br>67          |
| number, 2002<br>1997                                    | 611<br>992          | 340<br>299      | 4,297<br>4,022  | 966<br>663        | 3,670<br>858      | 2,106<br>2,496    | 94<br>(D)         |
| 2002 farms by inventory:                                |                     |                 |                 |                   |                   |                   |                   |
| 1 to 49 .....   |                     | 18              | 10              | 47                | 33                | 81                | 45                |
| 50 to 99 .....  |                     | 4               | 2               | 9                 | 2                 | 17                | 12                |
| 100 to 399 .....  |                     | 1               | 1               | 3                 | 1                 | 6                 | 4                 |
| 400 to 3,199 .....                                      |                     | -               | -               | 4                 | -                 | 1                 | -                 |
| 3,200 to 9,999 .....                                    |                     | -               | -               | -                 | -                 | -                 | -                 |
| 10,000 to 19,999 .....                                  |                     | -               | -               | -                 | -                 | -                 | -                 |
| 20,000 to 49,999 .....                                  |                     | -               | -               | -                 | -                 | -                 | -                 |
| 50,000 to 99,999 .....                                  |                     | -               | -               | -                 | -                 | -                 | -                 |
| 100,000 or more .....                                   |                     | -               | -               | -                 | -                 | -                 | -                 |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997 | 4<br>78<br>(NA) | 4<br>62<br>(NA) | 15<br>882<br>(NA) | 12<br>185<br>(NA) | 24<br>443<br>(NA) | 23<br>604<br>(NA) |
| number, 2002<br>1997                                    | (NA)                | (NA)            | (NA)            | (NA)              | (NA)              | (NA)              | (NA)              |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997 | 7<br>9          | 2<br>4          | 19<br>17          | 12<br>10          | 33<br>21          | 18<br>16          |
| number, 2002<br>1997                                    | 99<br>361           | (D)<br>270      | (D)<br>812      | 1,059<br>3,619    | 2,667<br>935      | 1,703<br>2,003    | 1,600             |
| Turkeys .....   | farms, 2002<br>1997 | 1<br>3          | 2<br>3          | 18<br>14          | 6<br>6            | 29<br>21          | 13<br>16          |
| number, 2002<br>1997                                    | (D)<br>(D)          | (D)<br>5        | (D)<br>153      | 55<br>99          | 207<br>30         | 76<br>84          | 76<br>(D)         |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997 | 6<br>8          | 3<br>8          | 33<br>26          | 12<br>9           | 61<br>29          | 26<br>10          |
| <b>SALES</b>  |                     |                 |                 |                   |                   |                   |                   |
| Any poultry sold .....                                  | farms, 2002<br>1997 | 16<br>15        | 8<br>6          | 47<br>36          | 19<br>17          | 50<br>40          | 35<br>41          |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997 | 8<br>6          | 2<br>2          | 16<br>5           | 3<br>1            | 18<br>5           | 11<br>10          |
| number, 2002<br>1997                                    | 291<br>(D)          | (D)<br>874      | (D)<br>3,541    | 62<br>(D)         | 847<br>(D)        | 701<br>(D)        | (D)               |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997 | 5<br>4          | 2<br>2          | 11<br>5           | 3<br>1            | 13<br>3           | 8<br>10           |
| number, 2002<br>1997                                    | 230<br>63           | (D)<br>874      | (D)<br>1,345    | 62<br>(D)         | 729<br>(D)        | 575<br>323        | (D)               |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997 | 5<br>2          | -<br>-          | 8<br>-            | -<br>-            | 5<br>3            | 4<br>1            |
| number, 2002<br>1997                                    | 61<br>(D)           | -<br>-          | 2,196<br>-      | -<br>-            | 118<br>(D)        | 126<br>(D)        | -                 |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997 | 4<br>6          | 2<br>-          | 12<br>6           | 7<br>4            | 16<br>11          | 4<br>15           |
| number, 2002<br>1997                                    | 92<br>360           | (D)<br>-        | (D)<br>2,356    | 1,098<br>452      | 2,553<br>1,445    | 239<br>1,445      | -                 |
| 2002 farms by number sold:                              |                     |                 |                 |                   |                   |                   |                   |
| 1 to 1,999 .....  |                     | 4               | 2               | 12                | 7                 | 16                | 4                 |
| 2,000 to 59,999 .....                                   |                     | -               | -               | -                 | -                 | -                 | -                 |
| 60,000 to 99,999 .....                                  |                     | -               | -               | -                 | -                 | -                 | -                 |
| 100,000 to 199,999 .....                                |                     | -               | -               | -                 | -                 | -                 | -                 |
| 200,000 to 499,999 .....                                |                     | -               | -               | -                 | -                 | -                 | -                 |
| 500,000 or more .....                                   |                     | -               | -               | -                 | -                 | -                 | -                 |
| Turkeys sold .....                                      | farms, 2002<br>1997 | -<br>2          | 1<br>-          | 7<br>4            | 3<br>-            | 10<br>2           | 3<br>2            |
| number, 2002<br>1997                                    | (D)<br>-            | (D)<br>94       | -<br>41         | 18<br>-           | 500<br>(D)        | 25<br>857         | -<br>(D)          |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997 | 2<br>1          | -<br>2          | 11<br>10          | 2<br>1            | 10<br>6           | 3<br>3            |

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand<br>Traverse   | Gratiot        | Hillsdale         | Houghton           | Huron           | Ingham                | Ionia            | Iosco             |
|---|---------------------|----------------|-------------------|--------------------|-----------------|-----------------------|------------------|-------------------|
| <b>INVENTORY</b>  |                     |                |                   |                    |                 |                       |                  |                   |
| Any poultry .....                                       | farms, 2002<br>1997 | 35<br>24       | 50<br>51          | 130<br>95          | 21<br>39        | 46<br>30              | 76<br>79         | 78<br>54          |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997 | 27<br>19       | 40<br>34          | 105<br>79          | 16<br>24        | 31<br>21              | 60<br>58         | 60<br>30          |
| number, 2002<br>1997                                    | 568<br>780          | 1,135<br>(D)   | (D)<br>(D)        | (D)<br>(D)         | 247<br>500,978  | (D)<br>9,775<br>2,638 | (D)<br>(D)       | 735<br>600        |
| 2002 farms by inventory:                                |                     |                |                   |                    |                 |                       |                  |                   |
| 1 to 49 .....   |                     | 25             | 36                | 91                 | 16              | 23                    | 50               | 52                |
| 50 to 99 .....  |                     | 1              | 2                 | 10                 | -               | 2                     | 5                | 4                 |
| 100 to 399 .....  |                     | 1              | 2                 | 3                  | -               | 3                     | 3                | 2                 |
| 400 to 3,199 .....                                      |                     | -              | -                 | -                  | -               | 1                     | 1                | -                 |
| 3,200 to 9,999 .....                                    |                     | -              | -                 | -                  | -               | -                     | 1                | -                 |
| 10,000 to 19,999 .....                                  |                     | -              | -                 | -                  | -               | -                     | -                | -                 |
| 20,000 to 49,999 .....                                  |                     | -              | -                 | -                  | -               | 1                     | -                | -                 |
| 50,000 to 99,999 .....                                  |                     | -              | -                 | 1                  | -               | -                     | 1                | -                 |
| 100,000 or more .....                                   |                     | -              | -                 | -                  | -               | 1                     | -                | 1                 |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997 | 11<br>217      | 12<br>(NA)<br>(D) | 20<br>(NA)<br>(NA) | 6<br>(NA)<br>28 | 6<br>(NA)<br>(D)      | 4<br>(NA)<br>106 | 10<br>(NA)<br>(D) |
| number, 2002<br>1997                                    | (NA)                | (NA)           | (NA)              | (NA)               | (NA)            | (NA)                  | (NA)             | (NA)              |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997 | 6<br>7         | 13<br>13          | 40<br>19           | 5<br>5          | 13<br>9               | 20<br>15         | 16<br>13          |
| number, 2002<br>1997                                    | 471<br>38           | 2,221<br>784   | 1,596<br>841      | (D)<br>141         | (D)<br>577      | 681<br>577            | 827<br>268       | 1,114<br>1,280    |
| Turkeys .....   | farms, 2002<br>1997 | 3<br>4         | 5<br>7            | 23<br>19           | 3<br>11         | 11<br>7               | 12<br>10         | 5<br>7            |
| number, 2002<br>1997                                    | 9<br>10             | (D)<br>(D)     | 411<br>115        | 32<br>102          | 51<br>37        | 1,128<br>(D)          | 69<br>(D)        | (D)<br>78         |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997 | 13<br>2        | 17<br>14          | 53<br>39           | 9<br>24         | 18<br>9               | 28<br>38         | 23<br>19          |
| <b>SALES</b>  |                     |                |                   |                    |                 |                       |                  |                   |
| Any poultry sold .....                                  | farms, 2002<br>1997 | 12<br>12       | 32<br>23          | 46<br>45           | 16<br>14        | 23<br>12              | 38<br>34         | 38<br>20          |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997 | 7<br>2         | 14<br>8           | 14<br>15           | 4<br>1          | 3<br>6                | 12<br>9          | 9<br>3            |
| number, 2002<br>1997                                    | 310<br>(D)          | (D)<br>(D)     | (D)<br>(D)        | (D)<br>(D)         | (D)<br>(D)      | (D)<br>(D)            | 516<br>(D)       | (D)<br>50         |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997 | 7<br>2         | 11<br>5           | 11<br>14           | 2<br>1          | 3<br>5                | 11<br>8          | 7<br>3            |
| number, 2002<br>1997                                    | (D)<br>(D)          | 545<br>(D)     | (D)<br>(D)        | (D)<br>(D)         | (D)<br>(D)      | (D)<br>(D)            | 109<br>(D)       | (D)<br>50         |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997 | 2<br>-         | 3<br>3            | 5<br>4             | 3<br>-          | -<br>1                | 2<br>1           | 2<br>-            |
| number, 2002<br>1997                                    | (D)<br>-            | 123,000<br>(D) | (D)<br>420        | (D)<br>-           | (D)<br>(D)      | (D)<br>(D)            | (D)<br>(D)       | (D)<br>-          |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997 | 5<br>5         | 7<br>14           | 16<br>3            | 5<br>3          | 9<br>3                | 12<br>9          | 10<br>6           |
| number, 2002<br>1997                                    | 240<br>-            | 10,155<br>315  | 612<br>1,678      | 88<br>44           | 958<br>(D)      | 3,026<br>306          | 890<br>1,155     | 175<br>-          |
| 2002 farms by number sold:                              |                     |                |                   |                    |                 |                       |                  |                   |
| 1 to 1,999 .....  |                     | 5              | 5                 | 16                 | 5               | 9                     | 11               | 10                |
| 2,000 to 59,999 .....                                   |                     | -              | 2                 | -                  | -               | -                     | 1                | -                 |
| 60,000 to 99,999 .....                                  |                     | -              | -                 | -                  | -               | -                     | -                | -                 |
| 100,000 to 199,999 .....                                |                     | -              | -                 | -                  | -               | -                     | -                | -                 |
| 200,000 to 499,999 .....                                |                     | -              | -                 | -                  | -               | -                     | -                | -                 |
| 500,000 or more .....                                   |                     | -              | -                 | -                  | -               | -                     | -                | -                 |
| Turkeys sold .....                                      | farms, 2002<br>1997 | 2<br>-         | 1<br>2            | 9<br>7             | 6<br>5          | 3<br>1                | 10<br>3          | 1<br>4            |
| number, 2002<br>1997                                    | (D)<br>-            | (D)<br>(D)     | 164<br>35         | 63<br>41           | (D)<br>(D)      | (D)<br>(D)            | (D)<br>(D)       | (D)<br>50         |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997 | 10<br>1        | 4<br>-            | 13<br>14           | 4<br>3          | 2<br>1                | 15<br>8          | 7<br>4            |

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron                | Isabella                 | Jackson                  | Kalamazoo                 | Kalkaska                  | Kent                      | Keweenaw                  | Lake                          |
|---|---------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|
| <b>INVENTORY</b>  |                     |                          |                          |                           |                           |                           |                           |                               |
| Any poultry .....                                       | farms, 2002<br>1997 | 15<br>9                  | 45<br>56                 | 124<br>88                 | 57<br>57                  | 21<br>17                  | 46<br>48                  | -<br>-                        |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997 | 14<br>7                  | 34<br>46                 | 104<br>68                 | 47<br>40                  | 16<br>14                  | 38<br>39                  | -<br>-                        |
| number, 2002<br>1997                                    | 480<br>336          | 715<br>997               | 3,783<br>1,548           | 339,023<br>291,436        | 743<br>373                | 2,295<br>995              | -<br>-                    | 10<br>11<br>220<br>426        |
| 2002 farms by inventory:                                |                     |                          |                          |                           |                           |                           |                           |                               |
| 1 to 49 .....   |                     | 8                        | 33                       | 82                        | 40                        | 12                        | 30                        | -<br>9                        |
| 50 to 99 .....  |                     | 6                        | 1                        | 12                        | 3                         | 3                         | 4                         | -<br>1                        |
| 100 to 399 .....  |                     | -                        | -                        | 10                        | -                         | 1                         | 3                         | -                             |
| 400 to 3,199 .....                                      |                     | -                        | -                        | -                         | -                         | -                         | 1                         | -                             |
| 3,200 to 9,999 .....                                    |                     | -                        | -                        | -                         | -                         | -                         | -                         | -                             |
| 10,000 to 19,999 .....                                  |                     | -                        | -                        | -                         | -                         | -                         | -                         | -                             |
| 20,000 to 49,999 .....                                  |                     | -                        | -                        | -                         | 1                         | -                         | -                         | -                             |
| 50,000 to 99,999 .....                                  |                     | -                        | -                        | -                         | 2                         | -                         | -                         | -                             |
| 100,000 or more .....                                   |                     | -                        | -                        | -                         | 1                         | -                         | -                         | -                             |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997 | 8<br>(NA)<br>113<br>(NA) | 8<br>(NA)<br>262<br>(NA) | 19<br>(NA)<br>991<br>(NA) | 10<br>(NA)<br>(D)<br>(NA) | 10<br>(NA)<br>300<br>(NA) | 10<br>(NA)<br>238<br>(NA) | -<br>8<br>(NA)<br>313<br>(NA) |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997 | 2<br>2                   | 12<br>13                 | 17<br>23                  | 6<br>9                    | 5<br>7                    | 10<br>10                  | -<br>6<br>6                   |
| number, 2002<br>1997                                    | (D)<br>(D)          | 235<br>498               | 2,198<br>738             | (D)<br>530                | 266<br>276                | 209<br>1,036              | -<br>-                    | 117<br>99                     |
| Turkeys .....   | farms, 2002<br>1997 | 4<br>1                   | 3<br>5                   | 12<br>20                  | 7<br>8                    | 6<br>19                   | 10<br>9                   | -<br>2<br>4                   |
| number, 2002<br>1997                                    | (D)<br>(D)          | 9<br>25                  | (D)<br>157               | (D)<br>57                 | (D)<br>21                 | (D)<br>(D)                | -<br>-                    | (D)<br>(D)                    |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997 | 3<br>3                   | 26<br>12                 | 54<br>30                  | 18<br>23                  | 8<br>4                    | 19<br>13                  | -<br>10<br>5                  |
| <b>SALES</b>  |                     |                          |                          |                           |                           |                           |                           |                               |
| Any poultry sold .....                                  | farms, 2002<br>1997 | 12<br>3                  | 25<br>19                 | 70<br>49                  | 39<br>25                  | 15<br>8                   | 24<br>20                  | -<br>10<br>6                  |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997 | 4<br>2                   | 10<br>5                  | 27<br>14                  | 14<br>6                   | 10<br>1                   | 10<br>9                   | -<br>-<br>7                   |
| number, 2002<br>1997                                    | (D)<br>(D)          | 234<br>1,169             | 1,169<br>(D)             | 160,594<br>131,265        | 316<br>(D)                | 1,370<br>225              | -<br>-                    | 137<br>-                      |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997 | 2<br>2                   | 5<br>5                   | 25<br>13                  | 9<br>6                    | 9<br>1                    | 10<br>9                   | -<br>-<br>4                   |
| number, 2002<br>1997                                    | (D)<br>(D)          | 134<br>665               | 660<br>131,265           | (D)<br>(D)                | (D)<br>(D)                | 1,370<br>225              | -<br>-                    | 99<br>-                       |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997 | 2<br>-                   | 5<br>-                   | 7<br>1                    | 8<br>-                    | 2<br>-                    | -<br>-                    | -<br>-<br>5                   |
| number, 2002<br>1997                                    | (D)<br>-            | 100<br>-                 | 509<br>(D)               | (D)<br>-                  | (D)<br>-                  | -<br>-                    | -<br>-                    | 38<br>-                       |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997 | 2<br>2                   | 12<br>3                  | 17<br>9                   | 6<br>6                    | 4<br>2                    | 7<br>7                    | -<br>-<br>5                   |
| number, 2002<br>1997                                    | (D)<br>(D)          | 177<br>470               | 1,053<br>(D)             | (D)<br>385                | 330<br>(D)                | 284<br>456                | -<br>-                    | 47<br>-                       |
| 2002 farms by number sold:                              |                     |                          |                          |                           |                           |                           |                           |                               |
| 1 to 1,999 .....  |                     | 2                        | 12                       | 17                        | 5                         | 4                         | 7                         | -<br>5                        |
| 2,000 to 59,999 .....                                   |                     | -                        | -                        | -                         | -                         | -                         | -                         | -                             |
| 60,000 to 99,999 .....                                  |                     | -                        | -                        | -                         | -                         | -                         | -                         | -                             |
| 100,000 to 199,999 .....                                |                     | -                        | -                        | -                         | 1                         | -                         | -                         | -                             |
| 200,000 to 499,999 .....                                |                     | -                        | -                        | -                         | -                         | -                         | -                         | -                             |
| 500,000 or more .....                                   |                     | -                        | -                        | -                         | -                         | -                         | -                         | -                             |
| Turkeys sold .....                                      | farms, 2002<br>1997 | 2<br>-                   | 2<br>1                   | 9<br>7                    | 9<br>5                    | 1<br>2                    | 2<br>4                    | -<br>-<br>-                   |
| number, 2002<br>1997                                    | (D)<br>-            | (D)<br>(D)               | 110<br>259               | 78<br>60                  | (D)<br>(D)                | (D)<br>(D)                | -<br>-                    | -<br>-                        |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997 | 3<br>-                   | 8<br>2                   | 26<br>9                   | 5<br>1                    | 7<br>-                    | 5<br>2                    | -<br>-<br>3<br>4              |

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer              | Leelanau    | Lenawee         | Livingston     | Luce       | Mackinac   | Macomb         | Manistee     |
|---|---------------------|-------------|-----------------|----------------|------------|------------|----------------|--------------|
| <b>INVENTORY</b>  |                     |             |                 |                |            |            |                |              |
| Any poultry .....                                       | farms, 2002<br>1997 | 112<br>119  | 22<br>22        | 89<br>66       | 105<br>76  | -          | 14<br>8        | 47<br>37     |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997 | 96<br>94    | 21<br>16        | 70<br>56       | 98<br>64   | -          | 9<br>7         | 35<br>27     |
| number, 2002<br>1997                                    | 2,855<br>2,334      | 445<br>849  | 10,659<br>7,273 | 2,879<br>1,305 | -          | 237<br>574 | 1,288<br>1,215 | 1,655<br>359 |
| 2002 farms by inventory:                                |                     |             |                 |                |            |            |                |              |
| 1 to 49 .....   |                     | 84          | 20              | 59             | 90         | -          | 9              | 30           |
| 50 to 99 .....  |                     | 9           | 1               | 7              | 4          | -          | -              | 3            |
| 100 to 399 .....  |                     | 2           | -               | 2              | 4          | -          | -              | 1            |
| 400 to 3,199 .....                                      |                     | 1           | -               | -              | -          | -          | -              | 1            |
| 3,200 to 9,999 .....                                    |                     | -           | -               | 2              | -          | -          | -              | -            |
| 10,000 to 19,999 .....                                  |                     | -           | -               | -              | -          | -          | -              | -            |
| 20,000 to 49,999 .....                                  |                     | -           | -               | -              | -          | -          | -              | -            |
| 50,000 to 99,999 .....                                  |                     | -           | -               | -              | -          | -          | -              | -            |
| 100,000 or more .....                                   |                     | -           | -               | -              | -          | -          | -              | -            |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997 | 24<br>(NA)  | 2<br>(NA)       | 14<br>(NA)     | 11<br>(NA) | -          | 4<br>(NA)      | 8<br>(NA)    |
| number, 2002<br>1997                                    | 896<br>(NA)         | (D)<br>(NA) | 477<br>(NA)     | 172<br>(NA)    | (NA)       | (NA)       | 54<br>(NA)     | 149<br>(NA)  |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997 | 32<br>23    | 9<br>3          | 22<br>9        | 18<br>15   | -          | 1<br>2         | 9<br>6       |
| number, 2002<br>1997                                    | 11,671<br>3,861     | 483<br>(D)  | 823<br>494      | 792<br>949     | -          | (D)<br>(D) | 113<br>445     | 553<br>108   |
| Turkeys .....   | farms, 2002<br>1997 | 18<br>26    | 1<br>2          | 7<br>10        | 11<br>13   | -          | 5<br>2         | 10<br>9      |
| number, 2002<br>1997                                    | 1,841<br>518        | (D)<br>(D)  | 83<br>230       | 124<br>98      | -          | (D)<br>(D) | 16<br>260      | 20<br>469    |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997 | 40<br>44    | 8<br>11         | 30<br>25       | 33<br>26   | -          | 8<br>-         | 18<br>11     |
| <b>SALES</b>  |                     |             |                 |                |            |            |                |              |
| Any poultry sold .....                                  | farms, 2002<br>1997 | 77<br>66    | 10<br>8         | 55<br>45       | 41<br>43   | -          | 3<br>5         | 31<br>24     |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997 | 30<br>20    | 2<br>1          | 18<br>14       | 9<br>8     | -          | 2<br>3         | 7<br>5       |
| number, 2002<br>1997                                    | 4,094<br>828        | (D)<br>(D)  | (D)<br>(D)      | 318<br>(D)     | -          | (D)<br>(D) | 356<br>356     | 504<br>43    |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997 | 30<br>18    | 2<br>1          | 18<br>13       | 8<br>5     | -          | 1<br>3         | 5<br>2       |
| number, 2002<br>1997                                    | 484                 | (D)<br>(D)  | (D)<br>(D)      | 221<br>180     | -          | (D)<br>(D) | 154<br>154     | 394<br>43    |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997 | 5<br>8      | -               | 1<br>4         | 3<br>3     | -          | 2<br>2         | 3<br>3       |
| number, 2002<br>1997                                    | 344                 | (D)<br>(D)  | (D)<br>(D)      | 97<br>(D)      | -          | (D)<br>(D) | 202<br>(D)     | 110<br>-     |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997 | 34<br>20    | 2<br>2          | 15<br>7        | 14<br>9    | -          | 2<br>-         | 8<br>2       |
| number, 2002<br>1997                                    | (D)<br>(D)          | (D)<br>(D)  | 560<br>1,320    | 753<br>1,197   | -          | (D)<br>(D) | 771<br>771     | 1,399<br>(D) |
| 2002 farms by number sold:                              |                     |             |                 |                |            |            |                |              |
| 1 to 1,999 .....  |                     | 33          | 2               | 15             | 14         | -          | 2              | 8            |
| 2,000 to 59,999 .....                                   |                     | 1           | -               | -              | -          | -          | -              | -            |
| 60,000 to 99,999 .....                                  |                     | -           | -               | -              | -          | -          | -              | -            |
| 100,000 to 199,999 .....                                |                     | -           | -               | -              | -          | -          | -              | -            |
| 200,000 to 499,999 .....                                |                     | -           | -               | -              | -          | -          | -              | -            |
| 500,000 or more .....                                   |                     | -           | -               | -              | -          | -          | -              | -            |
| Turkeys sold .....                                      | farms, 2002<br>1997 | 21<br>21    | 4<br>2          | 9<br>9         | 9<br>9     | -          | -              | 8<br>6       |
| number, 2002<br>1997                                    | 2,094<br>765        | 46<br>(D)   | 83<br>202       | 1,100<br>361   | -          | -          | 822<br>581     | 43<br>(D)    |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997 | 25<br>20    | 1<br>1          | 10<br>11       | 11<br>6    | -          | -              | 10<br>4      |

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Marquette           | Mason         | Mecosta         | Menominee   | Midland      | Missaukee   | Monroe         | Montcalm       |
|---|---------------------|---------------|-----------------|-------------|--------------|-------------|----------------|----------------|
| <b>INVENTORY</b>  |                     |               |                 |             |              |             |                |                |
| Any poultry .....                                       | farms, 2002<br>1997 | 26<br>12      | 43<br>37        | 95<br>68    | 26<br>25     | 41<br>39    | 35<br>12       | 85<br>79       |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997 | 20<br>11      | 30<br>27        | 83<br>50    | 23<br>24     | 30<br>37    | 30<br>8        | 61<br>60       |
| number, 2002<br>1997                                    | 577<br>494          | 770<br>754    | 3,296<br>1,966  | 810<br>476  | 911<br>1,491 | 453<br>286  | 2,600<br>3,110 | 1,233<br>1,741 |
| 2002 farms by inventory:                                |                     |               |                 |             |              |             |                |                |
| 1 to 49 .....   |                     | 17            | 25              | 70          | 19           | 22          | 30             | 50             |
| 50 to 99 .....  |                     | 1             | 5               | 8           | -            | 5           | -              | 7              |
| 100 to 399 .....  |                     | 2             | -               | 4           | 4            | 3           | -              | 3              |
| 400 to 3,199 .....                                      |                     | -             | -               | 1           | -            | -           | -              | 1              |
| 3,200 to 9,999 .....                                    |                     | -             | -               | -           | -            | -           | -              | -              |
| 10,000 to 19,999 .....                                  |                     | -             | -               | -           | -            | -           | -              | -              |
| 20,000 to 49,999 .....                                  |                     | -             | -               | -           | -            | -           | -              | -              |
| 50,000 to 99,999 .....                                  |                     | -             | -               | -           | -            | -           | -              | -              |
| 100,000 or more .....                                   |                     | -             | -               | -           | -            | -           | -              | -              |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997 | 6<br>444      | 7<br>(NA)       | 13<br>(NA)  | 5<br>(NA)    | 7<br>(NA)   | 6<br>(NA)      | 17<br>(NA)     |
| number, 2002<br>1997                                    | (NA)<br>124         | (NA)<br>1,002 | (NA)<br>83      | (NA)<br>276 | (NA)<br>905  | (NA)<br>319 | (NA)<br>1,195  | (NA)<br>1,75   |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997 | 5<br>1        | 7<br>10         | 25<br>14    | 12<br>10     | 6<br>14     | 8<br>3         | 9<br>19        |
| number, 2002<br>1997                                    | 223<br>(D)          | 261<br>527    | 6,475<br>2,860  | 300<br>362  | 183<br>905   | 319<br>(D)  | 275<br>798     | 907<br>705     |
| Turkeys .....   | farms, 2002<br>1997 | 3<br>1        | 2<br>4          | 7<br>10     | 3<br>8       | -<br>4      | -<br>-         | 13<br>14       |
| number, 2002<br>1997                                    | 5<br>(D)            | (D)<br>235    | (D)<br>25       | (D)<br>25   | (D)<br>6     | -<br>-      | -<br>-         | 51<br>129      |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997 | 11<br>2       | 20<br>3         | 28<br>18    | 9<br>13      | 13<br>13    | 10<br>4        | 42<br>33       |
| <b>SALES</b>  |                     |               |                 |             |              |             |                |                |
| Any poultry sold .....                                  | farms, 2002<br>1997 | 7<br>7        | 20<br>11        | 43<br>30    | 13<br>5      | 16<br>26    | 17<br>8        | 58<br>41       |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997 | 4<br>-        | 7<br>-          | 19<br>5     | 1<br>-       | 6<br>8      | 10<br>2        | 23<br>8        |
| number, 2002<br>1997                                    | 1,064<br>-          | 111<br>-      | 1,190<br>370    | (D)<br>-    | 358<br>866   | 256<br>(D)  | 887<br>872     | 235<br>(D)     |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997 | 4<br>-        | 7<br>-          | 16<br>3     | 1<br>-       | 6<br>8      | 10<br>2        | 19<br>8        |
| number, 2002<br>1997                                    | 450<br>-            | 111<br>-      | 662<br>(D)      | (D)<br>-    | 866<br>(D)   | (D)<br>866  | 697<br>(D)     | 697<br>76      |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997 | 4<br>-        | -<br>-          | 4<br>2      | -<br>-       | 1<br>-      | 1<br>-         | 8<br>-         |
| number, 2002<br>1997                                    | 614<br>-            | -<br>-        | 528<br>(D)      | -<br>-      | (D)<br>-     | (D)<br>-    | 190<br>-       | (D)<br>(D)     |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997 | 1<br>1        | 3<br>4          | 14<br>10    | 4<br>1       | 1<br>4      | 3<br>3         | 18<br>18       |
| number, 2002<br>1997                                    | (D)<br>(D)          | 234<br>2,463  | 18,643<br>2,463 | 200<br>(D)  | (D)<br>775   | 70<br>(D)   | 1,140<br>1,815 | 817<br>739     |
| 2002 farms by number sold:                              |                     |               |                 |             |              |             |                |                |
| 1 to 1,999 .....  |                     | 1             | 3               | 12          | 4            | 1           | 3              | 18             |
| 2,000 to 59,999 .....                                   |                     | -             | -               | 2           | -            | -           | -              | 17             |
| 60,000 to 99,999 .....                                  |                     | -             | -               | -           | -            | -           | -              | -              |
| 100,000 to 199,999 .....                                |                     | -             | -               | -           | -            | -           | -              | -              |
| 200,000 to 499,999 .....                                |                     | -             | -               | -           | -            | -           | -              | -              |
| 500,000 or more .....                                   |                     | -             | -               | -           | -            | -           | -              | -              |
| Turkeys sold .....                                      | farms, 2002<br>1997 | -             | 1               | 5           | -            | 1           | -              | 12             |
| number, 2002<br>1997                                    | -                   | 3             | 6               | 497         | -            | 4           | -              | 6              |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997 | 3<br>-        | 10<br>2         | 15<br>4     | 2<br>-       | 1<br>8      | 7<br>-         | 12<br>13       |

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency         | Muskegon                 | Newaygo                   | Oakland                   | Oceana                    | Ogemaw                   | Ontonagon                | Osceola                   |
|---|---------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|
| <b>INVENTORY</b>  |                     |                          |                           |                           |                           |                          |                          |                           |
| Any poultry .....                                       | farms, 2002<br>1997 | 15<br>13                 | 59<br>45                  | 86<br>66                  | 77<br>61                  | 48<br>34                 | 22<br>20                 | 5<br>3                    |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997 | 12<br>11                 | 45<br>28                  | 71<br>51                  | 56<br>43                  | 43<br>24                 | 16<br>18                 | 3<br>2                    |
| number, 2002<br>1997                                    | 219<br>263          | 1,028<br>1,062           | 1,940<br>1,093            | 2,095<br>861              | 1,472<br>565              | 220<br>263               | 56<br>(D)                | 1,234<br>1,242            |
| 2002 farms by inventory:                                |                     |                          |                           |                           |                           |                          |                          |                           |
| 1 to 49 .....   |                     | 12                       | 39                        | 59                        | 42                        | 36                       | 16                       | 3                         |
| 50 to 99 .....  |                     | -                        | 5                         | 11                        | 9                         | 3                        | -                        | 3                         |
| 100 to 399 .....  |                     | -                        | 1                         | 1                         | 5                         | 4                        | -                        | 2                         |
| 400 to 3,199 .....                                      |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| 3,200 to 9,999 .....                                    |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| 10,000 to 19,999 .....                                  |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| 20,000 to 49,999 .....                                  |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| 50,000 to 99,999 .....                                  |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| 100,000 or more .....                                   |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997 | 1<br>(NA)<br>305<br>(NA) | 11<br>(NA)<br>307<br>(NA) | 10<br>(NA)<br>272<br>(NA) | 13<br>(NA)<br>272<br>(NA) | 3<br>(NA)<br>(D)<br>(NA) | 2<br>(NA)<br>(D)<br>(NA) | 12<br>(NA)<br>370<br>(NA) |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997 | 3<br>3                   | 4<br>8                    | 22<br>16                  | 14<br>10                  | 17<br>15                 | 10<br>8                  | 25<br>12                  |
| number, 2002<br>1997                                    | 95<br>(D)           | 85<br>305                | 904<br>222                | 524<br>428                | 860<br>1,561              | 315<br>253               | -                        | 671<br>297                |
| Turkeys .....   | farms, 2002<br>1997 | 1<br>-                   | 4<br>7                    | 4<br>5                    | 16<br>13                  | 5<br>6                   | 6<br>1                   | 11<br>7                   |
| number, 2002<br>1997                                    | -<br>(D)            | 25<br>(D)                | (D)<br>68                 | 133<br>(D)                | (D)<br>(D)                | 79<br>(D)                | -<br>(D)                 | 151<br>21                 |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997 | 7<br>4                   | 35<br>20                  | 24<br>18                  | 33<br>33                  | 15<br>8                  | 2<br>4                   | 29<br>2                   |
| <b>SALES</b>  |                     |                          |                           |                           |                           |                          |                          |                           |
| Any poultry sold .....                                  | farms, 2002<br>1997 | 4<br>5                   | 26<br>20                  | 36<br>21                  | 35<br>26                  | 24<br>20                 | 8<br>8                   | 5<br>-                    |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997 | -<br>1                   | 10<br>6                   | 9<br>5                    | 12<br>4                   | 7<br>1                   | -<br>-                   | 8<br>4                    |
| number, 2002<br>1997                                    | -<br>(D)            | 237<br>402               | 730<br>(D)                | 1,794<br>125              | 151<br>(D)                | -<br>-                   | -                        | 250<br>(D)                |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997 | -<br>-                   | 10<br>6                   | 7<br>5                    | 12<br>4                   | 6<br>-                   | -<br>-                   | 8<br>2                    |
| number, 2002<br>1997                                    | -<br>(D)            | 402                      | 460<br>(D)                | 1,794<br>125              | (D)<br>-                  | -<br>-                   | -                        | 160<br>(D)                |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997 | -<br>1                   | 1<br>-                    | 5<br>-                    | -<br>-                    | 1<br>(D)                 | -<br>-                   | 3<br>2                    |
| number, 2002<br>1997                                    | -<br>(D)            | (D)<br>-                 | 270<br>-                  | -<br>-                    | (D)<br>-                  | -<br>-                   | -                        | 90<br>(D)                 |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997 | 3<br>1                   | 7<br>4                    | 15<br>5                   | 8<br>3                    | 11<br>11                 | 5<br>2                   | -<br>-                    |
| number, 2002<br>1997                                    | 340<br>(D)          | 1,305<br>192             | 728<br>(D)                | 1,895<br>123              | 1,457<br>2,221            | 141<br>(D)               | -                        | 8<br>3                    |
| 2002 farms by number sold:                              |                     |                          |                           |                           |                           |                          |                          |                           |
| 1 to 1,999 .....  |                     | 3                        | 7                         | 15                        | 8                         | 11                       | 5                        | -                         |
| 2,000 to 59,999 .....                                   |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| 60,000 to 99,999 .....                                  |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| 100,000 to 199,999 .....                                |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| 200,000 to 499,999 .....                                |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| 500,000 or more .....                                   |                     | -                        | -                         | -                         | -                         | -                        | -                        | -                         |
| Turkeys sold .....                                      | farms, 2002<br>1997 | -<br>-                   | 5<br>2                    | 4<br>2                    | 7<br>3                    | 5<br>5                   | 3<br>1                   | -<br>-                    |
| number, 2002<br>1997                                    | -<br>(D)            | 123<br>(D)               | (D)<br>70                 | 78<br>(D)                 | (D)<br>58                 | -<br>(D)                 | -                        | 7<br>4                    |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997 | 1<br>3                   | 5<br>7                    | 5<br>1                    | 10<br>3                   | 4<br>2                   | 1<br>1                   | -<br>-                    |

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda              | Otsego       | Ottawa                 | Presque Isle         | Roscommon   | Saginaw        | St. Clair      | St. Joseph          |
|---|---------------------|--------------|------------------------|----------------------|-------------|----------------|----------------|---------------------|
| <b>INVENTORY</b>  |                     |              |                        |                      |             |                |                |                     |
| Any poultry .....                                       | farms, 2002<br>1997 | 24<br>25     | 12<br>13               | 83<br>92             | 38<br>37    | 5<br>5         | 73<br>48       | 148<br>102          |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997 | 22<br>17     | 10<br>10               | 65<br>48             | 35<br>26    | 5<br>5         | 62<br>43       | 123<br>83           |
| number, 2002<br>1997                                    | 1,165<br>623        | 296<br>1,073 | 1,949,851<br>1,671,117 | 1,007<br>875         | 174<br>117  | 1,308<br>842   | 3,226<br>2,913 | 36,455<br>1,846     |
| 2002 farms by inventory:                                |                     |              |                        |                      |             |                |                |                     |
| 1 to 49 .....   |                     | 18           | 9                      | 49                   | 22          | 2              | 57             | 107                 |
| 50 to 99 .....  |                     | -            | -                      | 5                    | 13          | 3              | 3              | 8                   |
| 100 to 399 .....  |                     | 4            | 1                      | 4                    | -           | -              | 2              | 9                   |
| 400 to 3,199 .....                                      |                     | -            | -                      | 1                    | -           | -              | -              | 4                   |
| 3,200 to 9,999 .....                                    |                     | -            | -                      | 1                    | -           | -              | -              | 2                   |
| 10,000 to 19,999 .....                                  |                     | -            | -                      | -                    | -           | -              | -              | -                   |
| 20,000 to 49,999 .....                                  |                     | -            | -                      | -                    | -           | -              | -              | 1                   |
| 50,000 to 99,999 .....                                  |                     | -            | -                      | -                    | -           | -              | -              | -                   |
| 100,000 or more .....                                   |                     | -            | -                      | 5                    | -           | -              | -              | -                   |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997 | 11<br>(NA)   | -                      | 15<br>(NA)           | 14<br>(NA)  | -              | 13<br>(NA)     | 27<br>(NA)          |
| number, 2002<br>1997                                    | 598<br>(NA)         | -            | 487,887<br>(NA)        | 306<br>(NA)          | (NA)<br>-   | (NA)<br>-      | 390<br>(NA)    | 16<br>2,504<br>(NA) |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997 | 14<br>5      | 2<br>3                 | 22<br>22             | 13<br>12    | 3<br>-         | 14<br>13       | 31<br>28            |
| number, 2002<br>1997                                    | 1,112<br>(D)        | (D)<br>(D)   | (D)<br>(D)             | 677<br>1,930         | 15<br>2,390 | 661<br>591     | 680<br>1,954   | (D)<br>(D)          |
| Turkeys .....   | farms, 2002<br>1997 | 3<br>-       | 2<br>1                 | 11<br>18             | 4<br>3      | 3<br>24        | 5<br>(D)       | 31<br>28            |
| number, 2002<br>1997                                    | 36<br>-             | (D)<br>(D)   | (D)<br>(D)             | 591,121<br>1,220,662 | -<br>(D)    | -<br>-         | -<br>(D)       | 10<br>62            |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997 | 12<br>1      | 5<br>7                 | 30<br>22             | 15<br>6     | -<br>1         | 28<br>12       | 54<br>30            |
| <b>SALES</b>  |                     |              |                        |                      |             |                |                |                     |
| Any poultry sold .....                                  | farms, 2002<br>1997 | 15<br>13     | 8<br>6                 | 65<br>74             | 14<br>21    | -<br>2         | 26<br>18       | 60<br>50            |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997 | 3<br>1       | 5<br>-                 | 26<br>18             | 4<br>3      | -<br>-         | 6<br>-         | 27<br>6             |
| number, 2002<br>1997                                    | 150<br>(D)          | 137<br>-     | 2,102,058<br>2,353,882 | 157<br>(D)           | -<br>-      | 503<br>-       | 1,211<br>409   | 12<br>(D)           |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997 | 3<br>1       | 5<br>-                 | 19<br>11             | 3<br>3      | -<br>-         | 3<br>47        | 25<br>879           |
| number, 2002<br>1997                                    | 150<br>(D)          | 137<br>-     | 1,256,793<br>356,257   | (D)<br>(D)           | -<br>-      | -<br>-         | -<br>409       | 8<br>(D)            |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997 | -<br>1       | -<br>-                 | 8<br>7               | 2<br>-      | -<br>-         | 3<br>456       | 5<br>332            |
| number, 2002<br>1997                                    | -<br>(D)            | -<br>-       | 845,265<br>1,997,625   | (D)<br>-             | -<br>-      | -<br>-         | -<br>-         | 4<br>175            |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997 | 7<br>6       | -<br>3                 | 20<br>23             | 5<br>6      | -<br>-         | 9<br>7         | 18<br>12            |
| number, 2002<br>1997                                    | 1,512<br>476        | -<br>(D)     | 9,476<br>-             | 236<br>(D)           | -<br>-      | 1,589<br>2,190 | 805<br>4,026   | 12<br>(D)           |
| 2002 farms by number sold:                              |                     |              |                        |                      |             |                |                |                     |
| 1 to 1,999 .....  |                     | 7            | -                      | 19                   | 5           | -              | 9              | 18                  |
| 2,000 to 59,999 .....                                   |                     | -            | -                      | -                    | -           | -              | -              | -                   |
| 60,000 to 99,999 .....                                  |                     | -            | -                      | -                    | -           | -              | -              | 1                   |
| 100,000 to 199,999 .....                                |                     | -            | -                      | -                    | -           | -              | -              | -                   |
| 200,000 to 499,999 .....                                |                     | -            | -                      | -                    | -           | -              | -              | -                   |
| 500,000 or more .....                                   |                     | -            | -                      | 1                    | -           | -              | -              | -                   |
| Turkeys sold .....                                      | farms, 2002<br>1997 | 3<br>-       | 2<br>2                 | 14<br>17             | 1<br>-      | -<br>-         | 2<br>4         | 11<br>16            |
| number, 2002<br>1997                                    | 36<br>-             | (D)<br>(D)   | 1,981,265<br>3,953,098 | (D)<br>-             | -<br>-      | (D)<br>219     | 828<br>(D)     | 4<br>-              |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997 | 4<br>2       | 1<br>2                 | 18<br>12             | 1<br>3      | -<br>-         | 10<br>3        | 16<br>11            |

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac             | Schoolcraft | Shiawassee     | Tuscola        | Van Buren    | Washtenaw      | Wayne         | Wexford      |
|---|---------------------|-------------|----------------|----------------|--------------|----------------|---------------|--------------|
| <b>INVENTORY</b>  |                     |             |                |                |              |                |               |              |
| Any poultry .....                                       | farms, 2002<br>1997 | 112<br>96   | 10<br>6        | 92<br>79       | 99<br>79     | 89<br>64       | 148<br>97     | 42<br>39     |
| Layers 20 weeks old and older .....                     | farms, 2002<br>1997 | 93<br>65    | 3<br>5         | 78<br>53       | 67<br>57     | 66<br>51       | 117<br>78     | 21<br>20     |
| number, 2002<br>1997                                    | 3,056<br>2,731      | 57<br>130   | 3,313<br>2,723 | (D)<br>(D)     | 1,481<br>(D) | 4,556<br>2,137 | 624<br>992    | 640<br>321   |
| 2002 farms by inventory:                                |                     |             |                |                |              |                |               |              |
| 1 to 49 .....   |                     | 74          | 3              | 63             | 50           | 62             | 90            | 14           |
| 50 to 99 .....  |                     | 11          | -              | 8              | 11           | 3              | 17            | 6            |
| 100 to 399 .....  |                     | 8           | -              | 5              | 3            | 1              | 9             | 1            |
| 400 to 3,199 .....                                      |                     | -           | -              | 2              | -            | -              | 1             | -            |
| 3,200 to 9,999 .....                                    |                     | -           | -              | -              | 1            | -              | -             | -            |
| 10,000 to 19,999 .....                                  |                     | -           | -              | -              | -            | -              | -             | -            |
| 20,000 to 49,999 .....                                  |                     | -           | -              | -              | 1            | -              | -             | -            |
| 50,000 to 99,999 .....                                  |                     | -           | -              | -              | -            | -              | -             | -            |
| 100,000 or more .....                                   |                     | -           | -              | -              | 1            | -              | -             | -            |
| Pullets for laying flock replacement .....              | farms, 2002<br>1997 | 28<br>(NA)  | 1<br>(NA)      | 16<br>522      | 26<br>(NA)   | 18<br>391      | 36<br>1,549   | 1<br>(NA)    |
| number, 2002<br>1997                                    | 708<br>(NA)         | (D)<br>(NA) | (NA)<br>(NA)   | (NA)<br>(NA)   | (D)<br>(NA)  | (NA)<br>(NA)   | (NA)<br>(NA)  | 9<br>232     |
| Broilers and other meat-type chickens .....             | farms, 2002<br>1997 | 35<br>26    | 3<br>1         | 21<br>27       | 28<br>25     | 22<br>19       | 17<br>23      | 11<br>4      |
| number, 2002<br>1997                                    | 1,760<br>1,576      | (D)<br>(D)  | 2,945<br>795   | 2,424<br>1,221 | 1,774<br>515 | 581<br>1,008   | 541<br>46     | 854<br>160   |
| Turkeys .....   | farms, 2002<br>1997 | 23<br>17    | 3<br>2         | 19<br>11       | 17<br>14     | 17<br>8        | 22<br>15      | 14<br>8      |
| number, 2002<br>1997                                    | 147<br>197          | (D)<br>(D)  | 197<br>188     | 375<br>46      | (D)<br>(D)   | 124<br>381     | (D)<br>10,028 | 60<br>(D)    |
| Ducks, geese, and other poultry <sup>1</sup> .....      | farms, 2002<br>1997 | 31<br>28    | 6<br>2         | 42<br>35       | 44<br>38     | 39<br>23       | 60<br>43      | 21<br>19     |
| <b>SALES</b>  |                     |             |                |                |              |                |               |              |
| Any poultry sold .....                                  | farms, 2002<br>1997 | 47<br>43    | 4<br>5         | 57<br>42       | 44<br>27     | 48<br>29       | 65<br>54      | 21<br>19     |
| Layers and pullets sold (see text) .....                | farms, 2002<br>1997 | 16<br>7     | 1<br>2         | 16<br>11       | 14<br>6      | 21<br>7        | 18<br>18      | 7<br>3       |
| number, 2002<br>1997                                    | 913<br>(D)          | (D)<br>(D)  | 853<br>614     | (D)<br>(D)     | 355<br>(D)   | 3,143<br>458   | 272<br>(D)    | 80<br>-      |
| Layers 20 weeks old and older sold .....                | farms, 2002<br>1997 | 11<br>7     | -              | 12<br>11       | 12<br>5      | 19<br>6        | 15<br>18      | 7<br>3       |
| number, 2002<br>1997                                    | 427<br>(D)          | -           | 614            | (D)<br>(D)     | 281<br>(D)   | 458            | (D)<br>(D)    | (D)<br>-     |
| Pullets for laying flock replacement sold .....         | farms, 2002<br>1997 | 7<br>-      | 1<br>2         | 4<br>-         | 6<br>2       | 4<br>2         | 4<br>-        | 2<br>-       |
| number, 2002<br>1997                                    | 486<br>(D)          | (D)<br>-    | (D)<br>-       | (D)<br>(D)     | 74<br>(D)    | (D)<br>-       | (D)<br>-      | (D)<br>-     |
| Broilers and other meat-type chickens sold .....        | farms, 2002<br>1997 | 14<br>15    | 2<br>-         | 17<br>13       | 19<br>12     | 16<br>3        | 18<br>14      | 8<br>1       |
| number, 2002<br>1997                                    | 890<br>1,115        | (D)<br>-    | 5,386<br>1,660 | 3,309<br>2,912 | 1,546<br>(D) | 906<br>2,255   | 286<br>(D)    | 1,166<br>(D) |
| 2002 farms by number sold:                              |                     |             |                |                |              |                |               |              |
| 1 to 1,999 .....  |                     | 14          | 1              | 16             | 19           | 16             | 18            | 8            |
| 2,000 to 59,999 .....                                   |                     | -           | 1              | 1              | -            | -              | -             | -            |
| 60,000 to 99,999 .....                                  |                     | -           | -              | -              | -            | -              | -             | -            |
| 100,000 to 199,999 .....                                |                     | -           | -              | -              | -            | -              | -             | -            |
| 200,000 to 499,999 .....                                |                     | -           | -              | -              | -            | -              | -             | -            |
| 500,000 or more .....                                   |                     | -           | -              | -              | -            | -              | -             | -            |
| Turkeys sold .....                                      | farms, 2002<br>1997 | 9<br>11     | -              | 12<br>9        | 13<br>7      | 9<br>3         | 11<br>9       | 6<br>7       |
| number, 2002<br>1997                                    | 225<br>106          | -           | 160<br>1,248   | 431<br>(D)     | (D)<br>(D)   | 463<br>326     | (D)<br>15,133 | 44<br>(D)    |
| Ducks, geese, and other poultry sold <sup>1</sup> ..... | farms, 2002<br>1997 | 7<br>9      | 3<br>2         | 11<br>7        | 20<br>3      | 15<br>5        | 12<br>15      | 5<br>1       |

<sup>1</sup> Data include emus and ostriches.

**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area       | Inventory    |             | Sold             |            |                  |
|-----------------------|--------------|-------------|------------------|------------|------------------|
|                       | Farms        | Number      | Farms            | Number     |                  |
| <b>DUCKS</b>          |              |             |                  |            |                  |
| <b>State Total</b>    |              |             |                  |            |                  |
| Michigan .....        | 2002<br>1997 | 956<br>670  | 16,775<br>48,703 | 224<br>135 | 13,788<br>46,727 |
| <b>Counties, 2002</b> |              |             |                  |            |                  |
| Alcona .....          | 14           | 97          | 2                | (D)        |                  |
| Allegan .....         | 27           | 485         | 6                | 50         |                  |
| Alpena .....          | 24           | 253         | 4                | 31         |                  |
| Antrim .....          | 12           | 107         | 1                | (D)        |                  |
| Arenac .....          | 4            | 24          | 3                | 9          |                  |
| Baraga .....          | 2            | (D)         | -                | -          |                  |
| Barry .....           | 12           | 163         | 2                | (D)        |                  |
| Bay .....             | 3            | (D)         | 1                | (D)        |                  |
| Benzie .....          | 10           | 36          | -                | -          |                  |
| Berrien .....         | 14           | 207         | 1                | (D)        |                  |
| Branch .....          | 5            | 56          | 4                | 62         |                  |
| Calhoun .....         | 19           | 231         | 2                | (D)        |                  |
| Cass .....            | 17           | 227         | 6                | 616        |                  |
| Charlevoix .....      | 2            | (D)         | -                | -          |                  |
| Cheboygan .....       | 2            | (D)         | -                | -          |                  |
| Chippewa .....        | 9            | 139         | -                | -          |                  |
| Clare .....           | 6            | 32          | 1                | (D)        |                  |
| Clinton .....         | 19           | (D)         | -                | -          |                  |
| Crawford .....        | 3            | 16          | -                | -          |                  |
| Delta .....           | 1            | (D)         | -                | -          |                  |
| Dickinson .....       | 3            | 7           | -                | -          |                  |
| Eaton .....           | 23           | 1,441       | 5                | (D)        |                  |
| Emmet .....           | 8            | 47          | 1                | (D)        |                  |
| Genesee .....         | 43           | 457         | 7                | 66         |                  |
| Gladwin .....         | 17           | 112         | 1                | (D)        |                  |
| Grand Traverse .....  | 3            | 17          | 3                | 16         |                  |
| Gratiot .....         | 10           | 138         | 4                | 51         |                  |
| Hillsdale .....       | 37           | 713         | 5                | 112        |                  |
| Houghton .....        | 6            | 135         | 2                | (D)        |                  |
| Huron .....           | 11           | 111         | 2                | (D)        |                  |
| Ingham .....          | 14           | 154         | 5                | 58         |                  |
| Ionia .....           | 7            | 53          | -                | -          |                  |
| Iosco .....           | 8            | 23          | 1                | (D)        |                  |
| Iron .....            | 2            | (D)         | 1                | (D)        |                  |
| Isabella .....        | 12           | 104         | 4                | 31         |                  |
| Jackson .....         | 26           | 388         | 13               | 761        |                  |
| Kalamazoo .....       | 10           | 303         | 4                | 106        |                  |
| Kalkaska .....        | 3            | 24          | 1                | (D)        |                  |
| Kent .....            | 10           | 350         | -                | -          |                  |
| Lake .....            | 8            | 109         | 3                | 58         |                  |
| Lapeer .....          | 21           | 583         | 9                | 401        |                  |
| Leelanau .....        | 4            | 38          | -                | -          |                  |
| Lenawee .....         | 16           | 100         | 2                | (D)        |                  |
| Livingston .....      | 15           | 160         | 6                | 69         |                  |
| Mackinac .....        | 4            | 12          | -                | -          |                  |
| Macomb .....          | 9            | 95          | 2                | (D)        |                  |
| Manistee .....        | 17           | 687         | 3                | 70         |                  |
| Marquette .....       | 4            | 186         | 2                | (D)        |                  |
| Mason .....           | 9            | 92          | 1                | (D)        |                  |
| Mecosta .....         | 7            | 31          | 2                | (D)        |                  |
| Menominee .....       | 4            | 54          | 1                | (D)        |                  |
| Midland .....         | 5            | 44          | 1                | (D)        |                  |
| Missaukee .....       | 4            | 14          | 5                | 35         |                  |
| Monroe .....          | 23           | 216         | 8                | 501        |                  |
| Montcalm .....        | 16           | 126         | 4                | 26         |                  |
| Montmorency .....     | 3            | 18          | -                | -          |                  |
| Muskegon .....        | 15           | 478         | 2                | (D)        |                  |
| Newaygo .....         | 20           | 113         | 2                | (D)        |                  |
| Oakland .....         | 20           | 354         | 6                | 182        |                  |
| Oceana .....          | 13           | 304         | 3                | (D)        |                  |
| Ontonagon .....       | 2            | (D)         | -                | -          |                  |
| Oscoda .....          | 18           | 211         | 3                | 78         |                  |
| Otsego .....          | 7            | 26          | 3                | 12         |                  |
| Ottawa .....          | 1            | (D)         | -                | -          |                  |
| Presque Isle .....    | 18           | 1,602       | 14               | 1,381      |                  |
| Saginaw .....         | 12           | 307         | 1                | (D)        |                  |
| St. Clair .....       | 16           | 309         | 5                | 122        |                  |
| St. Joseph .....      | 24           | 331         | 10               | 257        |                  |
| Sanilac .....         | 9            | 179         | 2                | (D)        |                  |
| 19                    | 194          | 2           | (D)              | -          |                  |
| Schoolcraft .....     | 2            | (D)         | -                | -          |                  |
| Shiawassee .....      | 32           | 247         | -                | -          |                  |
| Tuscola .....         | 24           | 754         | 9                | 549        |                  |
| Van Buren .....       | 26           | 294         | 8                | 50         |                  |
| Washtenaw .....       | 25           | 212         | 5                | 26         |                  |
| Wayne .....           | 13           | (D)         | 4                | (D)        |                  |
| Wexford .....         | 13           | 125         | 4                | 24         |                  |
| <b>EMUS</b>           |              |             |                  |            |                  |
| <b>State Total</b>    |              |             |                  |            |                  |
| Michigan .....        | 2002<br>1997 | 109<br>(NA) | 608<br>(NA)      | 24<br>(NA) | 187<br>(NA)      |

--continued

**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area          | Inventory |        | Sold  |        |       |
|--------------------------|-----------|--------|-------|--------|-------|
|                          | Farms     | Number | Farms | Number |       |
| <b>EMUS - Con.</b>       |           |        |       |        |       |
| <b>Counties, 2002</b>    |           |        |       |        |       |
| Alcona . . . . .         | 1         | (D)    | -     | -      |       |
| Allegan . . . . .        | 3         | 6      | -     | -      |       |
| Bay . . . . .            | 1         | (D)    | 1     | (D)    |       |
| Berrien . . . . .        | 1         | (D)    | -     | -      |       |
| Cass . . . . .           | 1         | (D)    | 1     | (D)    |       |
| Cheboygan . . . . .      | 3         | 6      | 1     | (D)    |       |
| Clare . . . . .          | 5         | 10     | -     | -      |       |
| Clinton . . . . .        | 1         | (D)    | 1     | (D)    |       |
| Eaton . . . . .          | 1         | (D)    | 1     | (D)    |       |
| Genesee . . . . .        | 3         | 13     | 1     | (D)    |       |
| Gladwin . . . . .        | 1         | (D)    | 1     | (D)    |       |
| Hillsdale . . . . .      | 4         | 14     | -     | -      |       |
| Ingham . . . . .         | 1         | (D)    | -     | -      |       |
| Ionia . . . . .          | 8         | 93     | 3     | 42     |       |
| Isabella . . . . .       | 2         | (D)    | -     | -      |       |
| Jackson . . . . .        | 2         | (D)    | -     | -      |       |
| Kalamazoo . . . . .      | 4         | 14     | 1     | (D)    |       |
| Lake . . . . .           | 1         | (D)    | -     | -      |       |
| Lapeer . . . . .         | 3         | 25     | 2     | (D)    |       |
| Lenawee . . . . .        | 1         | (D)    | 1     | (D)    |       |
| Livingston . . . . .     | 3         | 9      | 1     | (D)    |       |
| Mackinac . . . . .       | 5         | 24     | -     | -      |       |
| Manistee . . . . .       | 1         | (D)    | -     | -      |       |
| Mecosta . . . . .        | 3         | 4      | -     | -      |       |
| Menominee . . . . .      | 1         | (D)    | 1     | (D)    |       |
| Missaukee . . . . .      | 4         | 28     | -     | -      |       |
| Monroe . . . . .         | 5         | 20     | -     | -      |       |
| Muskegon . . . . .       | 2         | (D)    | -     | -      |       |
| Newaygo . . . . .        | 1         | (D)    | 1     | (D)    |       |
| Oakland . . . . .        | 3         | (D)    | -     | -      |       |
| Oceana . . . . .         | 2         | (D)    | 1     | (D)    |       |
| Ogemaw . . . . .         | 1         | (D)    | 1     | (D)    |       |
| Osceola . . . . .        | 3         | 10     | -     | -      |       |
| Otsego . . . . .         | 1         | (D)    | 1     | (D)    |       |
| Ottawa . . . . .         | 1         | (D)    | -     | -      |       |
| Saginaw . . . . .        | 1         | (D)    | -     | -      |       |
| St. Clair . . . . .      | 4         | 16     | -     | -      |       |
| St. Joseph . . . . .     | 1         | (D)    | -     | -      |       |
| Sanilac . . . . .        | 1         | (D)    | -     | -      |       |
| Schoolcraft . . . . .    | 2         | (D)    | 2     | (D)    |       |
| Tuscola . . . . .        | 1         | (D)    | -     | -      |       |
| Van Buren . . . . .      | 2         | (D)    | -     | -      |       |
| Washtenaw . . . . .      | 9         | 42     | 2     | (D)    |       |
| Wayne . . . . .          | 5         | (D)    | 1     | (D)    |       |
| <b>GEES</b>              |           |        |       |        |       |
| <b>State Total</b>       |           |        |       |        |       |
| Michigan . . . . .       | 2002      | 659    | 6,920 | 115    | 1,858 |
|                          | 1997      | 497    | 4,892 | 58     | 1,387 |
| <b>Counties, 2002</b>    |           |        |       |        |       |
| Alcona . . . . .         | 6         | 40     | -     | -      |       |
| Allegan . . . . .        | 17        | 147    | 3     | 14     |       |
| Alpena . . . . .         | 10        | 66     | -     | -      |       |
| Antrim . . . . .         | 6         | 50     | 1     | (D)    |       |
| Arenac . . . . .         | 3         | 18     | -     | -      |       |
| Barry . . . . .          | 10        | 106    | 1     | (D)    |       |
| Bay . . . . .            | -         | -      | 1     | (D)    |       |
| Benzie . . . . .         | 4         | 20     | -     | -      |       |
| Berrien . . . . .        | 11        | 112    | 1     | (D)    |       |
| Branch . . . . .         | 5         | 74     | -     | -      |       |
| Calhoun . . . . .        | 15        | 79     | 2     | (D)    |       |
| Cass . . . . .           | 12        | 143    | 4     | 28     |       |
| Charlevoix . . . . .     | 1         | (D)    | -     | -      |       |
| Cheboygan . . . . .      | 4         | 14     | -     | -      |       |
| Chippewa . . . . .       | 9         | 51     | 1     | (D)    |       |
| Clare . . . . .          | 3         | 20     | -     | -      |       |
| Clinton . . . . .        | 9         | 62     | -     | -      |       |
| Crawford . . . . .       | 2         | (D)    | -     | -      |       |
| Delta . . . . .          | 1         | (D)    | -     | -      |       |
| Dickinson . . . . .      | 2         | (D)    | -     | -      |       |
| Eaton . . . . .          | 14        | 282    | 2     | (D)    |       |
| Emmet . . . . .          | 8         | 84     | -     | -      |       |
| Genesee . . . . .        | 33        | 210    | 2     | (D)    |       |
| Gladwin . . . . .        | 6         | 57     | 2     | (D)    |       |
| Grand Traverse . . . . . | 2         | (D)    | 3     | 27     |       |
| Gratiot . . . . .        | 6         | 27     | 1     | (D)    |       |
| Hillsdale . . . . .      | 16        | 162    | 2     | (D)    |       |
| Huron . . . . .          | 4         | (D)    | -     | -      |       |
| Ingham . . . . .         | 12        | 110    | 1     | (D)    |       |
| Ionia . . . . .          | 9         | 27     | 1     | (D)    |       |
| Iosco . . . . .          | 6         | 45     | 1     | (D)    |       |
| Iron . . . . .           | 1         | (D)    | -     | -      |       |
| Isabella . . . . .       | 10        | 84     | -     | -      |       |
| Jackson . . . . .        | 15        | 109    | 8     | 67     |       |
| Kalamazoo . . . . .      | 6         | 80     | -     | -      |       |
| Kalkaska . . . . .       | 1         | (D)    | 3     | 14     |       |
| Kent . . . . .           | 7         | 124    | 1     | (D)    |       |
| Lake . . . . .           | 5         | 24     | 1     | (D)    |       |
| Lapeer . . . . .         | 15        | 176    | 9     | 85     |       |

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**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area              | Inventory    |            | Sold             |            |                    |
|------------------------------|--------------|------------|------------------|------------|--------------------|
|                              | Farms        | Number     | Farms            | Number     |                    |
| <b>GEESE - Con.</b>          |              |            |                  |            |                    |
| <b>Counties, 2002 - Con.</b> |              |            |                  |            |                    |
| Leelanau                     | 3            | 16         | -                | -          |                    |
| Lenawee                      | 13           | 98         | 4                | 55         |                    |
| Livingston                   | 14           | 288        | 1                | (D)        |                    |
| Mackinac                     | 4            | 28         | -                | -          |                    |
| Macomb                       | 12           | 88         | 2                | (D)        |                    |
| Manistee                     | 9            | 42         | -                | -          |                    |
| Marquette                    | 6            | 22         | -                | -          |                    |
| Mason                        | 3            | 10         | -                | -          |                    |
| Mecosta                      | 11           | 104        | 1                | (D)        |                    |
| Menominee                    | 3            | 11         | 1                | (D)        |                    |
| Midland                      | 3            | 18         | 1                | (D)        |                    |
| Missaukee                    | 1            | (D)        | 1                | (D)        |                    |
| Monroe                       | 21           | 150        | 1                | (D)        |                    |
| Montcalm                     | 9            | 87         | 2                | (D)        |                    |
| Montmorency                  | 3            | 9          | -                | -          |                    |
| Muskegon                     | 11           | 85         | 1                | (D)        |                    |
| Newaygo                      | 8            | 41         | 1                | (D)        |                    |
| Oakland                      | 16           | 89         | 2                | (D)        |                    |
| Oceana                       | 3            | 21         | -                | -          |                    |
| Ontonagon                    | 2            | (D)        | -                | -          |                    |
| Osceola                      | 5            | 37         | 1                | (D)        |                    |
| Otsego                       | 3            | 13         | -                | -          |                    |
| Ottawa                       | 15           | (D)        | 3                | (D)        |                    |
| Presque Isle                 | 8            | 178        | -                | (D)        |                    |
| Saginaw                      | 13           | 146        | 7                | 56         |                    |
| St. Clair                    | 23           | 179        | 1                | (D)        |                    |
| St. Joseph                   | 11           | 39         | 1                | (D)        |                    |
| Sanilac                      | 9            | 98         | 1                | (D)        |                    |
| Shiawassee                   | 26           | 228        | 7                | 13         |                    |
| Tuscola                      | 22           | 207        | 10               | 168        |                    |
| Van Buren                    | 17           | 146        | 5                | 14         |                    |
| Washtenaw                    | 27           | 300        | 5                | 21         |                    |
| Wayne                        | 16           | 122        | 4                | 21         |                    |
| Wexford                      | 3            | 16         | -                | -          |                    |
| <b>OSTRICHES</b>             |              |            |                  |            |                    |
| <b>State Total</b>           |              |            |                  |            |                    |
| Michigan                     | 2002<br>1997 | 29<br>(NA) | 502<br>(NA)      | 18<br>(NA) | 480<br>(NA)        |
| <b>Counties, 2002</b>        |              |            |                  |            |                    |
| Antrim                       | 1            | (D)        | 1                | (D)        |                    |
| Berrien                      | 1            | (D)        | 1                | (D)        |                    |
| Calhoun                      | 1            | (D)        | 1                | (D)        |                    |
| Cass                         | -            | -          | 2                | (D)        |                    |
| Grand Traverse               | 5            | 26         | 2                | (D)        |                    |
| Houghton                     | 2            | (D)        | 2                | (D)        |                    |
| Ingham                       | 2            | (D)        | 1                | (D)        |                    |
| Ionia                        | 1            | (D)        | 1                | (D)        |                    |
| Isabella                     | 1            | (D)        | -                | -          |                    |
| Kalamazoo                    | 1            | (D)        | -                | -          |                    |
| Livingston                   | 1            | (D)        | -                | -          |                    |
| Mason                        | 4            | 24         | 4                | 52         |                    |
| Midland                      | 3            | 18         | -                | -          |                    |
| Monroe                       | 2            | (D)        | 2                | (D)        |                    |
| Osceola                      | 1            | (D)        | 1                | (D)        |                    |
| Ottawa                       | 1            | (D)        | -                | -          |                    |
| St. Joseph                   | 1            | (D)        | -                | -          |                    |
| Washtenaw                    | 1            | (D)        | -                | -          |                    |
| <b>PHEASANTS</b>             |              |            |                  |            |                    |
| <b>State Total</b>           |              |            |                  |            |                    |
| Michigan                     | 2002<br>1997 | 277<br>153 | 98,354<br>47,060 | 154<br>80  | 371,216<br>178,326 |
| <b>Counties, 2002</b>        |              |            |                  |            |                    |
| Allegan                      | 17           | 9,406      | 4                | (D)        |                    |
| Alpena                       | 3            | (D)        | 1                | (D)        |                    |
| Antrim                       | 2            | (D)        | 2                | (D)        |                    |
| Arenac                       | -            | -          | 1                | (D)        |                    |
| Barry                        | 5            | (D)        | 4                | (D)        |                    |
| Bay                          | 2            | (D)        | 1                | (D)        |                    |
| Benzie                       | 1            | (D)        | 1                | (D)        |                    |
| Berrien                      | 3            | 110        | -                | -          |                    |
| Branch                       | 1            | (D)        | 1                | (D)        |                    |
| Calhoun                      | 4            | 116        | 3                | 38         |                    |
| Cass                         | 2            | (D)        | 1                | (D)        |                    |
| Charlevoix                   | 4            | 120        | 4                | 136        |                    |
| Cheboygan                    | 3            | 18         | -                | -          |                    |
| Clare                        | 3            | 82         | -                | -          |                    |
| Delta                        | -            | -          | 2                | (D)        |                    |
| Eaton                        | 3            | 101        | 5                | 165        |                    |
| Emmet                        | 1            | (D)        | 1                | (D)        |                    |
| Genesee                      | 15           | 1,135      | 4                | (D)        |                    |
| Gladwin                      | 6            | 140        | 1                | (D)        |                    |
| Grand Traverse               | 2            | (D)        | 2                | (D)        |                    |
| Gratiot                      | 1            | (D)        | -                | -          |                    |

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**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area              | Inventory |        | Sold  |        |
|------------------------------|-----------|--------|-------|--------|
|                              | Farms     | Number | Farms | Number |
| <b>PHEASANTS - Con.</b>      |           |        |       |        |
| <b>Counties, 2002 - Con.</b> |           |        |       |        |
| Hillsdale                    | 8         | 871    | 4     | 2,120  |
| Huron                        | 2         | (D)    | -     | -      |
| Ingham                       | 8         | 575    | 4     | (D)    |
| Ionia                        | 2         | (D)    | 2     | (D)    |
| Iosco                        | 2         | (D)    | 1     | (D)    |
| Iron                         | -         | -      | 1     | (D)    |
| Isabella                     | 4         | 500    | 4     | 1,500  |
| Jackson                      | 5         | (D)    | 8     | (D)    |
| Kalamazoo                    | 2         | (D)    | -     | -      |
| Kalkaska                     | 3         | 30     | 3     | 116    |
| Kent                         | 5         | (D)    | 2     | (D)    |
| Lapeer                       | 12        | 9,712  | 11    | 83,402 |
| Leelanau                     | 5         | 298    | 1     | (D)    |
| Lenawee                      | 2         | (D)    | -     | -      |
| Livingston                   | 3         | (D)    | 3     | (D)    |
| Mackinac                     | 7         | 73     | -     | -      |
| Macomb                       | 4         | (D)    | 4     | (D)    |
| Manistee                     | 5         | 190    | 2     | (D)    |
| Mason                        | 2         | (D)    | 3     | (D)    |
| Mecosta                      | 5         | (D)    | 4     | (D)    |
| Menominee                    | 5         | 19     | 2     | (D)    |
| Midland                      | 1         | (D)    | -     | -      |
| Missaukee                    | 1         | (D)    | -     | -      |
| Monroe                       | 5         | (D)    | 3     | (D)    |
| Montcalm                     | 6         | (D)    | 3     | (D)    |
| Muskegon                     | 10        | 374    | 2     | (D)    |
| Newaygo                      | 2         | (D)    | 2     | (D)    |
| Oakland                      | 2         | (D)    | 3     | 88     |
| Osceola                      | 9         | 549    | 6     | 623    |
| Oscoda                       | 2         | (D)    | 1     | (D)    |
| Ottawa                       | 8         | (D)    | 6     | (D)    |
| Presque Isle                 | 3         | 30     | -     | -      |
| Saginaw                      | 2         | (D)    | 1     | (D)    |
| St. Clair                    | 7         | (D)    | 6     | 1,900  |
| St. Joseph                   | 5         | (D)    | 5     | (D)    |
| Sanilac                      | 7         | 13,624 | 5     | (D)    |
| Schoolcraft                  | 1         | (D)    | 1     | (D)    |
| Shiawassee                   | 7         | 51     | 2     | (D)    |
| Tuscola                      | 11        | 1,796  | 4     | (D)    |
| Van Buren                    | 8         | 52     | 4     | 6      |
| Washtenaw                    | 7         | 440    | 3     | (D)    |
| Wayne                        | 2         | (D)    | -     | -      |
| Wexford                      | 2         | (D)    | -     | -      |
| <b>PIGEONS OR SQUAB</b>      |           |        |       |        |
| <b>State Total</b>           |           |        |       |        |
| Michigan                     | 2002      | 137    | 6,231 | 32     |
|                              | 1997      | 66     | 1,860 | 9      |
|                              |           |        |       | 1,192  |
|                              |           |        |       | 414    |
| <b>Counties, 2002</b>        |           |        |       |        |
| Allagan                      | 2         | (D)    | -     | -      |
| Anttrim                      | 2         | (D)    | -     | -      |
| Barry                        | 2         | (D)    | 2     | (D)    |
| Bay                          | 1         | (D)    | -     | -      |
| Benzie                       | 2         | (D)    | -     | -      |
| Berrien                      | 7         | (D)    | 1     | (D)    |
| Calhoun                      | 4         | 186    | 1     | (D)    |
| Cass                         | 3         | 3      | -     | -      |
| Clinton                      | 1         | (D)    | -     | -      |
| Eaton                        | 1         | (D)    | 1     | (D)    |
| Genesee                      | 3         | 145    | -     | -      |
| Gladwin                      | 9         | 1,142  | -     | -      |
| Grand Traverse               | 2         | (D)    | 2     | (D)    |
| Gratiot                      | 1         | (D)    | 1     | (D)    |
| Hillsdale                    | 6         | 382    | 1     | (D)    |
| Huron                        | 1         | (D)    | -     | -      |
| Ionia                        | 1         | (D)    | -     | -      |
| Iosco                        | 2         | (D)    | -     | -      |
| Isabella                     | 2         | (D)    | -     | -      |
| Jackson                      | 7         | 130    | 4     | 130    |
| Kent                         | 4         | 16     | -     | -      |
| Lake                         | 1         | (D)    | 1     | (D)    |
| Lapeer                       | 4         | 78     | 3     | (D)    |
| Livingston                   | 2         | (D)    | -     | -      |
| Manistee                     | 1         | (D)    | -     | -      |
| Mason                        | 2         | (D)    | 2     | (D)    |
| Mecosta                      | 1         | (D)    | -     | -      |
| Monroe                       | 3         | 80     | 2     | (D)    |
| Montcalm                     | 4         | 50     | 1     | (D)    |
| Muskegon                     | 2         | (D)    | 1     | (D)    |
| Newaygo                      | 5         | 240    | 1     | (D)    |
| Oakland                      | 1         | (D)    | -     | -      |
| Oceana                       | 1         | (D)    | -     | -      |
| Osceola                      | 3         | 48     | -     | -      |
| Oscoda                       | 2         | (D)    | -     | -      |
| Ottawa                       | 5         | 133    | 2     | (D)    |
| Saginaw                      | 1         | (D)    | -     | -      |
| St. Clair                    | 7         | 146    | 3     | 50     |
| St. Joseph                   | 5         | 135    | 2     | (D)    |
| Sanilac                      | 3         | 43     | -     | -      |

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**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                 | Inventory |        | Sold  |        |
|---------------------------------|-----------|--------|-------|--------|
|                                 | Farms     | Number | Farms | Number |
| <b>PIGEONS OR SQUAB - Con.</b>  |           |        |       |        |
| <b>Counties, 2002 - Con.</b>    |           |        |       |        |
| Shiawassee .....                | 3         | 28     | -     | -      |
| Tuscola .....                   | 8         | 242    | -     | -      |
| Van Buren .....                 | 6         | 77     | -     | -      |
| Washtenaw .....                 | 2         | (D)    | -     | -      |
| Wayne .....                     | 1         | (D)    | 1     | (D)    |
| Wexford .....                   | 1         | (D)    | -     | -      |
| <b>QUAIL</b>                    |           |        |       |        |
| <b>State Total</b>              |           |        |       |        |
| Michigan ..... 2002             | 101       | 22,627 | 60    | 56,309 |
| 1997                            | 22        | 2,571  | 16    | 15,256 |
| <b>Counties, 2002</b>           |           |        |       |        |
| Allegan .....                   | 3         | (D)    | 3     | (D)    |
| Alpena .....                    | 3         | 85     | 1     | (D)    |
| Antrim .....                    | 4         | (D)    | 1     | (D)    |
| Bay .....                       | 2         | (D)    | 2     | (D)    |
| Benzie .....                    | 1         | (D)    | 1     | (D)    |
| Branch .....                    | 1         | (D)    | 1     | (D)    |
| Calhoun .....                   | 2         | (D)    | -     | -      |
| Cass .....                      | -         | -      | 1     | (D)    |
| Cheboygan .....                 | 2         | (D)    | -     | -      |
| Clare .....                     | 1         | (D)    | -     | -      |
| Crawford .....                  | 2         | (D)    | -     | -      |
| Eaton .....                     | 2         | (D)    | 2     | (D)    |
| Genesee .....                   | 5         | 115    | 4     | (D)    |
| Gladwin .....                   | 1         | (D)    | -     | -      |
| Grand Traverse .....            | 2         | (D)    | 2     | (D)    |
| Gratiot .....                   | 2         | (D)    | -     | -      |
| Hillsdale .....                 | 3         | 400    | 1     | (D)    |
| Huron .....                     | 2         | (D)    | -     | -      |
| Ingham .....                    | 2         | (D)    | 2     | (D)    |
| Ionia .....                     | 2         | (D)    | -     | -      |
| Iosco .....                     | 1         | (D)    | -     | -      |
| Iron .....                      | -         | -      | 1     | (D)    |
| Jackson .....                   | 3         | 30     | -     | -      |
| Kent .....                      | 4         | 300    | 2     | (D)    |
| Lapeer .....                    | 3         | 1,950  | 3     | (D)    |
| Lenawee .....                   | 1         | (D)    | -     | -      |
| Livingston .....                | 2         | (D)    | 2     | (D)    |
| Macomb .....                    | 1         | (D)    | 1     | (D)    |
| Manistee .....                  | 3         | 125    | 2     | (D)    |
| Marquette .....                 | -         | -      | 1     | (D)    |
| Mason .....                     | -         | -      | 1     | (D)    |
| Mecosta .....                   | 1         | (D)    | 1     | (D)    |
| Monroe .....                    | 1         | (D)    | 1     | (D)    |
| Montcalm .....                  | 1         | (D)    | 1     | (D)    |
| Montmorency .....               | 1         | (D)    | 1     | (D)    |
| Muskegon .....                  | 1         | (D)    | 1     | (D)    |
| Newaygo .....                   | 1         | (D)    | 1     | (D)    |
| Oakland .....                   | 1         | (D)    | 1     | (D)    |
| Osceola .....                   | 1         | (D)    | 1     | (D)    |
| Oscoda .....                    | 8         | 349    | 4     | 437    |
| Ottawa .....                    | 1         | (D)    | -     | -      |
| Saginaw .....                   | 4         | (D)    | 3     | (D)    |
| St. Clair .....                 | 3         | 90     | -     | -      |
| St. Joseph .....                | 1         | (D)    | 3     | 1,100  |
| Sanilac .....                   | 2         | (D)    | 3     | (D)    |
| Shiawassee .....                | 1         | (D)    | 1     | (D)    |
| Tuscola .....                   | 5         | 28     | 1     | (D)    |
| Van Buren .....                 | 1         | (D)    | 1     | (D)    |
| Washtenaw .....                 | 2         | (D)    | 2     | (D)    |
| Wayne .....                     | 5         | 220    | -     | -      |
| 1                               | (D)       | -      | 1     | (D)    |
| <b>OTHER POULTRY (SEE TEXT)</b> |           |        |       |        |
| <b>State Total</b>              |           |        |       |        |
| Michigan ..... 2002             | 421       | 27,831 | 88    | 29,662 |
| 1997                            | 286       | 28,322 | 94    | 29,228 |
| <b>Counties, 2002</b>           |           |        |       |        |
| Allegan .....                   | 9         | 944    | 3     | 300    |
| Alpena .....                    | 5         | (D)    | 1     | (D)    |
| Antrim .....                    | 7         | 168    | -     | -      |
| Baraga .....                    | 1         | (D)    | -     | -      |
| Barry .....                     | 11        | 81     | 5     | 20     |
| Bay .....                       | 1         | (D)    | 1     | (D)    |
| Benzie .....                    | 1         | (D)    | -     | -      |
| Berrien .....                   | 10        | 119    | -     | -      |
| Branch .....                    | 3         | 25     | -     | -      |
| Calhoun .....                   | 3         | (D)    | 2     | (D)    |
| Cass .....                      | 6         | 31     | 4     | 125    |
| Charlevoix .....                | 1         | (D)    | -     | -      |
| Cheboygan .....                 | 3         | 6      | -     | -      |
| Chippewa .....                  | 1         | (D)    | 1     | (D)    |
| Clare .....                     | 2         | (D)    | -     | -      |
| Clinton .....                   | 4         | 14     | -     | -      |
| Crawford .....                  | 3         | 13     | -     | -      |
| Delta .....                     | 5         | 42     | -     | -      |

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**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                        | Inventory |        | Sold  |           |
|--|-----------|--------|-------|-----------|
|  | Farms     | Number | Farms | Number    |
| <b>OTHER POULTRY (SEE TEXT) - Con.</b> |           |        |       |           |
| <b>Counties, 2002 - Con.</b>           |           |        |       |           |
| Eaton . . . . .                        | 4         | 121    | 2     | (D)       |
| Genesee . . . . .                      | 10        | 150    | -     | -         |
| Gladwin . . . . .                      | 6         | 93     | -     | -         |
| Grand Traverse . . . . .               | 5         | 11     | 2     | (D)       |
| Gratiot . . . . .                      | 4         | 42     | -     | -         |
| Hillsdale . . . . .                    | 13        | 1,124  | 5     | 39        |
| Houghton . . . . .                     | 3         | 45     | -     | -         |
| Huron . . . . .                        | 2         | (D)    | -     | -         |
| Ingham . . . . .                       | 2         | (D)    | 2     | (D)       |
| Ionia . . . . .                        | 1         | (D)    | -     | -         |
| Iosco . . . . .                        | 4         | 13     | -     | -         |
| Iron . . . . .                         | 2         | (D)    | 2     | (D)       |
| Isabella . . . . .                     | 7         | 53     | -     | -         |
| Jackson . . . . .                      | 19        | 281    | 5     | 187       |
| Kalamazoo . . . . .                    | 3         | 33     | -     | -         |
| Kalkaska . . . . .                     | 4         | 12     | 2     | (D)       |
| Kent . . . . .                         | 7         | 157    | 1     | (D)       |
| Lake . . . . .                         | 5         | 89     | -     | -         |
| Lapeer . . . . .                       | 6         | (D)    | 1     | (D)       |
| Leelanau . . . . .                     | 2         | (D)    | -     | -         |
| Lenawee . . . . .                      | 11        | 128    | 3     | 71        |
| Livingston . . . . .                   | 12        | 77     | -     | -         |
| Macomb . . . . .                       | 6         | 96     | 2     | (D)       |
| Manistee . . . . .                     | 1         | (D)    | 1     | (D)       |
| Marquette . . . . .                    | 5         | 84     | 2     | (D)       |
| Mason . . . . .                        | 4         | 8      | -     | -         |
| Mecosta . . . . .                      | 16        | 148    | 9     | 116       |
| Menominee . . . . .                    | 3         | 60     | 1     | (D)       |
| Midland . . . . .                      | 4         | 227    | -     | -         |
| Missaukee . . . . .                    | 1         | (D)    | 1     | (D)       |
| Monroe . . . . .                       | 9         | 27     | -     | -         |
| Montcalm . . . . .                     | 7         | 20     | -     | -         |
| Montmorency . . . . .                  | 3         | 65     | -     | -         |
| Muskegon . . . . .                     | 16        | 365    | 2     | (D)       |
| Newaygo . . . . .                      | 2         | (D)    | -     | -         |
| Oakland . . . . .                      | 18        | 238    | 3     | 16        |
| Oceana . . . . .                       | 3         | 43     | -     | -         |
| Ogemaw . . . . .                       | 1         | (D)    | -     | -         |
| Osceola . . . . .                      | 9         | 444    | 4     | (D)       |
| Oscoda . . . . .                       | 2         | (D)    | -     | -         |
| Ottawa . . . . .                       | 7         | 57     | 5     | 49        |
| Presque Isle . . . . .                 | 4         | 26     | -     | -         |
| Saginaw . . . . .                      | 7         | (D)    | 1     | (D)       |
| St. Clair . . . . .                    | 14        | 212    | 2     | (D)       |
| St. Joseph . . . . .                   | 3         | (D)    | 1     | (D)       |
| Sanilac . . . . .                      | 6         | 155    | -     | -         |
| Schoolcraft . . . . .                  | 3         | 8      | -     | -         |
| Shiawassee . . . . .                   | 2         | (D)    | 3     | 88        |
| Tuscola . . . . .                      | 8         | 67     | 2     | (D)       |
| Van Buren . . . . .                    | 13        | 120    | 3     | 53        |
| Washtenaw . . . . .                    | 23        | 124    | 2     | (D)       |
| Wayne . . . . .                        | 12        | 83     | -     | -         |
| Wexford . . . . .                      | 1         | (D)    | 1     | (D)       |
| <b>POULTRY HATCHED (SEE TEXT)</b>      |           |        |       |           |
| <b>State Total</b>                     |           |        |       |           |
| Michigan . . . . .                     | 2002      | (X)    | (X)   | 990       |
|  | 1997      | (X)    | (X)   | 354       |
|  |           |        |       | 7,334,672 |
| <b>Counties, 2002</b>                  |           |        |       |           |
| Alcona . . . . .                       | (X)       | (X)    | 7     | 284       |
| Alger . . . . .                        | (X)       | (X)    | 2     | (D)       |
| Allegan . . . . .                      | (X)       | (X)    | 26    | (D)       |
| Alpena . . . . .                       | (X)       | (X)    | 17    | 674       |
| Antrim . . . . .                       | (X)       | (X)    | 20    | 1,437     |
| Arenac . . . . .                       | (X)       | (X)    | 6     | 183       |
| Baraga . . . . .                       | (X)       | (X)    | 3     | 44        |
| Barry . . . . .                        | (X)       | (X)    | 24    | 1,051     |
| Bay . . . . .                          | (X)       | (X)    | 10    | 308       |
| Benzie . . . . .                       | (X)       | (X)    | 4     | (D)       |
| Berrien . . . . .                      | (X)       | (X)    | 19    | 797       |
| Branch . . . . .                       | (X)       | (X)    | 12    | 121       |
| Calhoun . . . . .                      | (X)       | (X)    | 20    | 358       |
| Cass . . . . .                         | (X)       | (X)    | 18    | (D)       |
| Charlevoix . . . . .                   | (X)       | (X)    | 4     | 58        |
| Cheboygan . . . . .                    | (X)       | (X)    | 9     | 108       |
| Chippewa . . . . .                     | (X)       | (X)    | 4     | 56        |
| Clare . . . . .                        | (X)       | (X)    | 2     | (D)       |
| Clinton . . . . .                      | (X)       | (X)    | 9     | 756       |
| Crawford . . . . .                     | (X)       | (X)    | 5     | 216       |
| Delta . . . . .                        | (X)       | (X)    | 9     | 175       |
| Dickinson . . . . .                    | (X)       | (X)    | 2     | (D)       |
| Eaton . . . . .                        | (X)       | (X)    | 19    | 608       |
| Emmet . . . . .                        | (X)       | (X)    | 9     | 433       |
| Genesee . . . . .                      | (X)       | (X)    | 28    | 4,746     |
| Gladwin . . . . .                      | (X)       | (X)    | 16    | 225       |
| Grand Traverse . . . . .               | (X)       | (X)    | 9     | 103       |
| Gratiot . . . . .                      | (X)       | (X)    | 9     | 1,622     |
| Hillsdale . . . . .                    | (X)       | (X)    | 12    | 1,817     |
| Houghton . . . . .                     | (X)       | (X)    | 9     | 214       |

-continued

**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                          | Inventory |        | Sold  |        |
|--|-----------|--------|-------|--------|
|  | Farms     | Number | Farms | Number |
| <b>POULTRY HATCHED (SEE TEXT) - Con.</b> |           |        |       |        |
| <b>Counties, 2002 - Con.</b>             |           |        |       |        |
| Huron . . . . .                          | (X)       | (X)    | 10    | 450    |
| Ingham . . . . .                         | (X)       | (X)    | 13    | 1,490  |
| Ionia . . . . .                          | (X)       | (X)    | 11    | 190    |
| Iosco . . . . .                          | (X)       | (X)    | 6     | 43     |
| Iron . . . . .                           | (X)       | (X)    | 5     | 81     |
| Isabella . . . . .                       | (X)       | (X)    | 13    | 1,831  |
| Jackson . . . . .                        | (X)       | (X)    | 40    | 13,209 |
| Kalamazoo . . . . .                      | (X)       | (X)    | 17    | 431    |
| Kalkaska . . . . .                       | (X)       | (X)    | 6     | 270    |
| Kent . . . . .                           | (X)       | (X)    | 14    | 735    |
| Lake . . . . .                           | (X)       | (X)    | 7     | 348    |
| Lapeer . . . . .                         | (X)       | (X)    | 28    | 754    |
| Leelanau . . . . .                       | (X)       | (X)    | 2     | (D)    |
| Lenawee . . . . .                        | (X)       | (X)    | 14    | 415    |
| Livingston . . . . .                     | (X)       | (X)    | 16    | 1,611  |
| Mackinac . . . . .                       | (X)       | (X)    | 1     | (D)    |
| Macomb . . . . .                         | (X)       | (X)    | 13    | (D)    |
| Manistee . . . . .                       | (X)       | (X)    | 16    | 414    |
| Marquette . . . . .                      | (X)       | (X)    | 3     | 1,402  |
| Mason . . . . .                          | (X)       | (X)    | 9     | 129    |
| Mecosta . . . . .                        | (X)       | (X)    | 17    | (D)    |
| Menominee . . . . .                      | (X)       | (X)    | 4     | 185    |
| Midland . . . . .                        | (X)       | (X)    | 5     | 150    |
| Missaukee . . . . .                      | (X)       | (X)    | 8     | 310    |
| Monroe . . . . .                         | (X)       | (X)    | 17    | (D)    |
| Montcalm . . . . .                       | (X)       | (X)    | 13    | 169    |
| Montmorency . . . . .                    | (X)       | (X)    | 2     | (D)    |
| Muskegon . . . . .                       | (X)       | (X)    | 18    | 850    |
| Newaygo . . . . .                        | (X)       | (X)    | 20    | 773    |
| Oakland . . . . .                        | (X)       | (X)    | 8     | 70     |
| Oceana . . . . .                         | (X)       | (X)    | 9     | 330    |
| Ogemaw . . . . .                         | (X)       | (X)    | 5     | 72     |
| Ontonagon . . . . .                      | (X)       | (X)    | 2     | (D)    |
| Oscoda . . . . .                         | (X)       | (X)    | 16    | 1,779  |
| Otsego . . . . .                         | (X)       | (X)    | 11    | 2,360  |
| Ottawa . . . . .                         | (X)       | (X)    | 2     | (D)    |
| Presque Isle . . . . .                   | (X)       | (X)    | 22    | (D)    |
| Saginaw . . . . .                        | (X)       | (X)    | 7     | 79     |
| St. Clair . . . . .                      | (X)       | (X)    | 13    | 754    |
| St. Joseph . . . . .                     | (X)       | (X)    | 30    | 3,705  |
| Sanilac . . . . .                        | (X)       | (X)    | 14    | (D)    |
| Schoolcraft . . . . .                    | (X)       | (X)    | 28    | (D)    |
| Shiawassee . . . . .                     | (X)       | (X)    | 1     | (D)    |
| Tuscola . . . . .                        | (X)       | (X)    | 17    | 376    |
| Van Buren . . . . .                      | (X)       | (X)    | 31    | 1,544  |
| Washtenaw . . . . .                      | (X)       | (X)    | 26    | 1,030  |
| Wayne . . . . .                          | (X)       | (X)    | 39    | 3,083  |
| Wexford . . . . .                        | (X)       | (X)    | 9     | 353    |
|  |           |        | 9     | 111    |

**Table 15. Horses and Ponies - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area       | Inventory |        | Sold    |        |
|-----------------------|-----------|--------|---------|--------|
|                       | Farms     | Number | Farms   | Number |
| <b>STATE TOTAL</b>    |           |        |         |        |
| Michigan .....        | 2002      | 14,988 | 104,949 | 3,238  |
|                       | 1997      | 11,903 | 82,740  | 3,012  |
| <b>COUNTIES, 2002</b> |           |        |         |        |
| Alcona .....          |           | 69     | 350     | 10     |
| Alger .....           |           | 27     | 129     | 5      |
| Allegan .....         |           | 430    | 2,845   | 100    |
| Alpena .....          |           | 168    | 1,061   | 35     |
| Antrim .....          |           | 100    | 520     | 17     |
| Arenac .....          |           | 57     | 271     | 7      |
| Baraga .....          |           | 22     | 84      | 2      |
| Barry .....           |           | 362    | 2,064   | 71     |
| Bay .....             |           | 111    | 803     | 20     |
| Benzie .....          |           | 51     | 257     | 9      |
| Berrien .....         |           | 201    | 1,494   | 52     |
| Branch .....          |           | 247    | 1,588   | 45     |
| Calhoun .....         |           | 396    | 2,358   | 80     |
| Cass .....            |           | 234    | 1,364   | 54     |
| Charlevoix .....      |           | 109    | 693     | 15     |
| Cheboygan .....       |           | 95     | 450     | 10     |
| Chippewa .....        |           | 139    | 1,353   | 24     |
| Clare .....           |           | 166    | 1,359   | 47     |
| Clinton .....         |           | 221    | 1,263   | 39     |
| Crawford .....        |           | 20     | 288     | 3      |
| Delta .....           |           | 60     | 474     | 9      |
| Dickinson .....       |           | 49     | 339     | 10     |
| Eaton .....           |           | 359    | 2,680   | 93     |
| Emmet .....           |           | 99     | 719     | 19     |
| Genesee .....         |           | 434    | 2,979   | 101    |
| Gladwin .....         |           | 187    | 1,491   | 31     |
| Gogebic .....         |           | 24     | 179     | 3      |
| Grand Traverse .....  |           | 119    | 839     | 22     |
| Gratiot .....         |           | 179    | 1,198   | 38     |
| Hillsdale .....       |           | 345    | 2,403   | 71     |
| Houghton .....        |           | 48     | 318     | 10     |
| Huron .....           |           | 104    | 648     | 17     |
| Ingham .....          |           | 336    | 2,396   | 50     |
| Ionia .....           |           | 303    | 1,960   | 71     |
| Iosco .....           |           | 105    | 699     | 15     |
| Iron .....            |           | 29     | 255     | 14     |
| Isabella .....        |           | 181    | 1,345   | 35     |
| Jackson .....         |           | 450    | 3,282   | 104    |
| Kalamazoo .....       |           | 282    | 2,232   | 85     |
| Kalkaska .....        |           | 60     | 390     | 19     |
| Kent .....            |           | 458    | 3,239   | 91     |
| Keweenaw .....        |           | 8      | 37      | 3      |
| Lake .....            |           | 70     | 486     | 10     |
| Lapeer .....          |           | 427    | 3,038   | 77     |
| Leelanau .....        |           | 64     | 503     | 17     |
| Lenawee .....         |           | 267    | 2,040   | 81     |
| Livingston .....      |           | 410    | 2,995   | 94     |
| Luce .....            |           | 6      | 71      | -      |
| Mackinac .....        |           | 20     | 145     | 5      |
| Macomb .....          |           | 139    | 1,390   | 41     |
| Manistee .....        |           | 81     | 549     | 14     |
| Marquette .....       |           | 90     | 605     | 11     |
| Mason .....           |           | 124    | 711     | 32     |
| Mecosta .....         |           | 254    | 1,841   | 65     |
| Menominee .....       |           | 85     | 591     | 15     |
| Midland .....         |           | 127    | 970     | 37     |
| Missaukee .....       |           | 108    | 530     | 22     |
| Monroe .....          |           | 255    | 1,982   | 61     |
| Montcalm .....        |           | 309    | 2,042   | 74     |
| Montmorency .....     |           | 46     | 212     | 8      |
| Muskegon .....        |           | 201    | 1,293   | 38     |
| Newaygo .....         |           | 346    | 2,354   | 68     |
| Oakland .....         |           | 353    | 3,861   | 84     |
| Oceana .....          |           | 184    | 1,312   | 40     |
| Ogemaw .....          |           | 68     | 442     | 18     |
| Ontonagon .....       |           | 36     | 241     | 8      |
| Osceola .....         |           | 198    | 1,151   | 37     |
| Oscoda .....          |           | 64     | 466     | 15     |
| Otsego .....          |           | 59     | 348     | 6      |
| Ottawa .....          |           | 305    | 2,360   | 74     |
| Presque Isle .....    |           | 62     | 324     | 11     |
| Roscommon .....       |           | 14     | 81      | 4      |
| Saginaw .....         |           | 193    | 1,303   | 56     |
| St. Clair .....       |           | 376    | 2,479   | 62     |
| St. Joseph .....      |           | 306    | 2,126   | 70     |
| Sanilac .....         |           | 310    | 2,019   | 76     |
| Schoolcraft .....     |           | 17     | 117     | 5      |
| Shiawassee .....      |           | 242    | 1,591   | 51     |
| Tuscola .....         |           | 299    | 1,953   | 75     |
| Van Buren .....       |           | 253    | 1,597   | 45     |
| Washtenaw .....       |           | 509    | 3,884   | 99     |
| Wayne .....           |           | 137    | 1,439   | 44     |
| Wexford .....         |           | 130    | 811     | 32     |

**Table 16. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                       | Michigan     | Alcona     | Alger     | Allegan  | Alpena  | Antrim  | Arenac   |
|--|--------------|------------|-----------|----------|---------|---------|----------|
| Sheep and lambs inventory (see text) ..... |              |            |           |          |         |         |          |
| farms, 2002                                | 2,236        | 13         | 5         | 59       | 16      | 14      | 5        |
| 1997                                       | 1,875        | 14         | 2         | 52       | 31      | 9       | 3        |
| number, 2002                               | 88,541       | 384        | (D)       | 1,424    | 60      | 678     | 104      |
| 1997                                       | 77,250       | 267        | (D)       | 2,413    | 544     | 431     | (D)      |
| 2002 farms by inventory:                   |              |            |           |          |         |         |          |
| 1 to 24 .....                              | 1,508        | 8          | 2         | 38       | 16      | 7       | 2        |
| farms                                      |              |            |           |          |         |         |          |
| number                                     | 12,736       | (D)        | (D)       | (D)      | 60      | (D)     | (D)      |
| 25 to 99 .....                             | 543          | 4          | 2         | 19       | -       | 5       | 3        |
| farms                                      |              |            |           |          |         |         |          |
| number                                     | 25,485       | 200        | (D)       | 887      | -       | 289     | (D)      |
| 100 to 299 .....                           | 147          | 1          | -         | 2        | -       | 2       | -        |
| farms                                      |              |            |           |          |         |         |          |
| number                                     | 22,689       | (D)        | -         | (D)      | -       | (D)     | -        |
| 300 to 999 .....                           | 31           | -          | 1         | -        | -       | -       | -        |
| farms                                      |              |            |           |          |         |         |          |
| number                                     | 14,852       | -          | (D)       | -        | -       | -       | -        |
| 1,000 or more .....                        | 7            | -          | -         | -        | -       | -       | -        |
| farms                                      |              |            |           |          |         |         |          |
| number                                     | 12,779       | -          | -         | -        | -       | -       | -        |
| Ewes 1 year old or older .....             | farms, 2002  | 1,980      | 12        | 5        | 54      | 15      | 12       |
|  | 1997         | 1,569      | 10        | 2        | 44      | 22      | 8        |
|  | number, 2002 | 46,649     | 267       | (D)      | 806     | 43      | 391      |
|  | 1997         | 39,492     | 192       | (D)      | 1,045   | 312     | 230      |
| Wool production .....                      | farms, 2002  | 1,423      | 9         | 5        | 41      | 1       | 8        |
|  | 1997         | 1,422      | 10        | 2        | 39      | 19      | 7        |
|  | pounds, 2002 | 584,510    | 3,329     | 4,528    | 8,618   | (D)     | 3,548    |
|  | 1997         | 458,955    | 3,137     | (D)      | 8,597   | 3,269   | 596      |
| Sheep and lambs sold .....                 | farms, 2002  | 1,377      | 10        | 3        | 37      | 7       | 8        |
|  | 1997         | 1,645      | 11        | 2        | 49      | 23      | 8        |
|  | number, 2002 | 67,556     | 276       | 118      | 986     | 27      | 326      |
|  | 1997         | 81,342     | 245       | (D)      | 1,529   | 518     | 59       |
|  |              |            |           |          |         |         | (D)      |
| Item                                       | Baraga       | Barry      | Bay       | Benzie   | Berrien | Branch  | Calhoun  |
| Sheep and lambs inventory (see text) ..... | farms, 2002  | 2          | 43        | 7        | 2       | 15      | 47       |
|  | 1997         | -          | 41        | 6        | 7       | 20      | 59       |
|  | number, 2002 | (D)        | 1,364     | 420      | (D)     | 402     | 1,837    |
|  | 1997         | -          | 2,222     | (D)      | 28      | 445     | 1,471    |
| 2002 farms by inventory:                   |              |            |           |          |         |         |          |
| 1 to 24 .....                              | farms        | 2          | 28        | 5        | 2       | 12      | 26       |
| number                                     | (D)          | 264        | (D)       | (D)      | 129     | 195     | 53       |
| 25 to 99 .....                             | farms        | -          | 11        | 1        | -       | 2       | 16       |
| number                                     | -            | 564        | (D)       | -        | (D)     | 753     | 15       |
| 100 to 299 .....                           | farms        | -          | 4         | -        | -       | 1       | 658      |
| number                                     | -            | 536        | -         | -        | (D)     | 889     | 6        |
| 300 to 999 .....                           | farms        | -          | -         | 1        | -       | -       | -        |
| number                                     | -            | -          | (D)       | -        | -       | -       | -        |
| 1,000 or more .....                        | farms        | -          | -         | -        | -       | -       | -        |
| number                                     | -            | -          | -         | -        | -       | -       | -        |
| Ewes 1 year old or older .....             | farms, 2002  | 2          | 43        | 7        | 1       | 14      | 43       |
|  | 1997         | -          | 31        | 5        | 5       | 20      | 39       |
|  | number, 2002 | (D)        | 931       | 204      | (D)     | 237     | 1,283    |
|  | 1997         | -          | 971       | (D)      | (D)     | 293     | 746      |
| Wool production .....                      | farms, 2002  | 1          | 29        | 7        | -       | 9       | 29       |
|  | 1997         | -          | 31        | 3        | 6       | 19      | 33       |
|  | pounds, 2002 | (D)        | 9,723     | 1,743    | (D)     | 1,753   | 11,319   |
|  | 1997         | -          | 10,107    | (D)      | 270     | 2,332   | 6,646    |
| Sheep and lambs sold .....                 | farms, 2002  | -          | 27        | 5        | -       | 9       | 26       |
|  | 1997         | -          | 34        | 3        | 4       | 26      | 36       |
|  | number, 2002 | -          | 874       | 251      | (D)     | 91      | 1,160    |
|  | 1997         | -          | 1,240     | (D)      | 9       | 387     | 1,027    |
|  |              |            |           |          |         |         | 1,119    |
| Item                                       | Cass         | Charlevoix | Cheboygan | Chippewa | Clare   | Clinton | Crawford |
| Sheep and lambs inventory (see text) ..... | farms, 2002  | 43         | 23        | 12       | 22      | 19      | 31       |
|  | 1997         | 51         | 9         | 7        | 21      | 13      | 39       |
|  | number, 2002 | 1,182      | 971       | 455      | 1,877   | 235     | 2,197    |
|  | 1997         | 1,227      | 98        | 310      | 1,615   | 1,280   | 32       |
| 2002 farms by inventory:                   |              |            |           |          |         |         | (D)      |
| 1 to 24 .....                              | farms        | 24         | 16        | 6        | 10      | 16      | 16       |
| number                                     | (D)          | (D)        | 24        | 101      | 106     | 106     | 3        |
| 25 to 99 .....                             | farms        | 17         | 5         | 3        | 9       | 3       | 157      |
| number                                     | -            | 734        | 263       | 110      | 559     | 129     | 32       |
| 100 to 299 .....                           | farms        | 2          | -         | 3        | 1       | -       | -        |
| number                                     | (D)          | -          | -         | 321      | (D)     | -       | -        |
| 300 to 999 .....                           | farms        | -          | 2         | -        | 2       | -       | -        |
| number                                     | -            | -          | (D)       | -        | (D)     | -       | -        |
| 1,000 or more .....                        | farms        | -          | -         | -        | (D)     | -       | -        |
| number                                     | -            | -          | -         | -        | -       | -       | -        |
| Ewes 1 year old or older .....             | farms, 2002  | 40         | 20        | 9        | 19      | 14      | 30       |
|  | 1997         | 44         | 6         | 6        | 15      | 11      | 37       |
|  | number, 2002 | 854        | 500       | 239      | 1,261   | 166     | 998      |
|  | 1997         | 852        | 34        | 208      | 1,055   | 141     | (D)      |
| Wool production .....                      | farms, 2002  | 27         | 14        | 8        | 15      | 7       | 21       |
|  | 1997         | 39         | 5         | 6        | 13      | 9       | 35       |
|  | pounds, 2002 | 30,476     | 3,680     | 3,491    | 11,107  | 1,509   | 13,792   |
|  | 1997         | 8,549      | (D)       | 1,414    | 12,797  | 1,403   | 14,543   |
| Sheep and lambs sold .....                 | farms, 2002  | 20         | 11        | 10       | 14      | 7       | 27       |
|  | 1997         | 44         | 9         | 8        | 17      | 11      | 38       |
|  | number, 2002 | 4,482      | 346       | 257      | 1,242   | 188     | 1,568    |
|  | 1997         | 994        | 83        | 175      | 2,146   | 1,188   | 2,343    |

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**Table 16. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                       | Delta                                       | Dickinson             | Eaton                      | Emmet                        | Genesee                      | Gladwin                    | Gogebic                      |                            |
|--|---|-----------------------|----------------------------|------------------------------|------------------------------|----------------------------|------------------------------|----------------------------|
| Sheep and lambs inventory (see text) ..... | farms, 2002<br>1997<br>number, 2002<br>1997 | 12<br>7<br>97<br>55   | 6<br>3<br>40<br>11         | 55<br>44<br>2,377<br>2,368   | 17<br>7<br>124<br>268        | 63<br>49<br>1,660<br>1,247 | 19<br>24<br>712<br>1,202     |                            |
| 2002 farms by inventory:                   |   |                       |                            |                              |                              |                            |                              |                            |
| 1 to 24 .....                              | farms<br>number                             | 12<br>97              | 6<br>40                    | 39<br>(D)                    | 17<br>124                    | 40<br>270                  | 13<br>(D)                    |                            |
| 25 to 99 .....                             | farms<br>number                             | -<br>-                | -<br>-                     | 10<br>604                    | -<br>-                       | 18<br>742                  | 4<br>119                     |                            |
| 100 to 299 .....                           | farms<br>number                             | -<br>-                | -<br>-                     | 4<br>409                     | -<br>-                       | 5<br>648                   | 1<br>(D)                     |                            |
| 300 to 999 .....                           | farms<br>number                             | -<br>-                | -<br>-                     | 2<br>(D)                     | -<br>-                       | -<br>-                     | 1<br>(D)                     |                            |
| 1,000 or more .....                        | farms<br>number                             | -<br>-                | -<br>-                     | -<br>-                       | -<br>-                       | -<br>-                     | -<br>-                       |                            |
| Ewes 1 year old or older .....             | farms, 2002<br>1997<br>number, 2002<br>1997 | 12<br>4<br>54<br>35   | 6<br>3<br>23<br>4          | 39<br>37<br>1,325<br>956     | 16<br>6<br>95<br>99          | 57<br>48<br>953<br>814     | 17<br>18<br>525<br>495       |                            |
| Wool production .....                      | farms, 2002<br>1997<br>pounds, 2002<br>1997 | 2<br>4<br>(D)<br>284  | 4<br>3<br>179<br>38        | 30<br>31<br>12,859<br>13,286 | 11<br>5<br>687<br>666        | 33<br>44<br>7,994<br>7,852 | 11<br>18<br>5,259<br>4,496   |                            |
| Sheep and lambs sold .....                 | farms, 2002<br>1997<br>number, 2002<br>1997 | 2<br>6<br>(D)<br>72   | 3<br>2<br>28<br>(D)        | 29<br>35<br>919<br>1,917     | 5<br>7<br>35<br>165          | 28<br>40<br>1,015<br>814   | 12<br>22<br>358<br>1,362     |                            |
| Item                                       | Grand Traverse                              | Gratiot               | Hillsdale                  | Houghton                     | Huron                        | Ingham                     | Ionia                        | Iosco                      |
| Sheep and lambs inventory (see text) ..... | farms, 2002<br>1997<br>number, 2002<br>1997 | 9<br>5<br>126<br>(D)  | 34<br>24<br>1,039<br>437   | 73<br>59<br>1,436<br>1,668   | 15<br>7<br>349<br>146        | 21<br>11<br>444<br>269     | 73<br>53<br>2,502<br>2,230   | 45<br>42<br>1,172<br>1,041 |
| 2002 farms by inventory:                   |   |                       |                            |                              |                              |                            |                              |                            |
| 1 to 24 .....                              | farms<br>number                             | 7<br>(D)              | 26<br>334                  | 53<br>(D)                    | 10<br>(D)                    | 17<br>159                  | 29<br>366                    | 19<br>(D)                  |
| 25 to 99 .....                             | farms<br>number                             | 2<br>(D)              | 6<br>(D)                   | 19<br>898                    | 3<br>121                     | 3<br>(D)                   | 22<br>949                    | 16<br>806                  |
| 100 to 299 .....                           | farms<br>number                             | -<br>(D)              | 2<br>(D)                   | 1<br>(D)                     | 2<br>(D)                     | 1<br>(D)                   | 5<br>521                     | -<br>-                     |
| 300 to 999 .....                           | farms<br>number                             | -<br>-                | -<br>-                     | -<br>-                       | -<br>-                       | -<br>-                     | 2<br>(D)                     | -<br>(D)                   |
| 1,000 or more .....                        | farms<br>number                             | -<br>-                | -<br>-                     | -<br>-                       | -<br>-                       | -<br>-                     | -<br>-                       | -<br>-                     |
| Ewes 1 year old or older .....             | farms, 2002<br>1997<br>number, 2002<br>1997 | 9<br>3<br>85<br>(D)   | 31<br>21<br>756<br>285     | 57<br>47<br>704<br>984       | 11<br>5<br>230<br>108        | 16<br>10<br>292<br>197     | 65<br>51<br>1,632<br>1,327   | 43<br>32<br>807<br>551     |
| Wool production .....                      | farms, 2002<br>1997<br>pounds, 2002<br>1997 | 6<br>4<br>565<br>378  | 26<br>19<br>5,540<br>2,377 | 36<br>35<br>6,172<br>10,327  | 11<br>5<br>2,672<br>1,106    | 9<br>8<br>3,038<br>1,422   | 49<br>51<br>15,707<br>12,695 | 38<br>31<br>8,951<br>6,150 |
| Sheep and lambs sold .....                 | farms, 2002<br>1997<br>number, 2002<br>1997 | 6<br>6<br>88<br>44    | 26<br>24<br>580<br>407     | 36<br>46<br>833<br>1,200     | 10<br>5<br>170<br>105        | 12<br>8<br>248<br>215      | 44<br>53<br>1,412<br>1,691   | 43<br>37<br>908<br>962     |
| Item                                       | Iron  | Isabella              | Jackson                    | Kalamazoo                    | Kalkaska                     | Kent                       | Keweenaw                     | Lake                       |
| Sheep and lambs inventory (see text) ..... | farms, 2002<br>1997<br>number, 2002<br>1997 | 10<br>4<br>156<br>(D) | 26<br>7<br>1,133<br>295    | 68<br>58<br>7,437<br>2,131   | 42<br>48<br>5,814<br>7,308   | 4<br>4<br>(D)<br>152       | 38<br>33<br>872<br>568       | -<br>-<br>-<br>1,013       |
| 2002 farms by inventory:                   |   |                       |                            |                              |                              |                            |                              |                            |
| 1 to 24 .....                              | farms<br>number                             | 7<br>32               | 17<br>(D)                  | 34<br>395                    | 22<br>(D)                    | 4<br>(D)                   | 28<br>(D)                    | -<br>-                     |
| 25 to 99 .....                             | farms<br>number                             | 3<br>124              | 7<br>394                   | 26<br>1,123                  | 10<br>586                    | -<br>-                     | 8<br>292                     | -<br>-                     |
| 100 to 299 .....                           | farms<br>number                             | -<br>(D)              | 1<br>605                   | 4<br>557                     | 5<br>-                       | -<br>(D)                   | 2<br>-                       | 320<br>693                 |
| 300 to 999 .....                           | farms<br>number                             | -<br>(D)              | 1<br>2,260                 | 2<br>-                       | 3<br>-                       | -<br>-                     | -<br>-                       | -<br>-                     |
| 1,000 or more .....                        | farms<br>number                             | -<br>(D)              | -<br>2                     | 2<br>-                       | 2<br>-                       | -<br>-                     | -<br>-                       | -<br>-                     |
| Ewes 1 year old or older .....             | farms, 2002<br>1997<br>number, 2002<br>1997 | 5<br>4<br>98<br>(D)   | 25<br>7<br>502<br>182      | 61<br>47<br>2,659<br>1,124   | 40<br>38<br>2,909<br>2,436   | 2<br>4<br>(D)<br>89        | 35<br>28<br>557<br>338       | -<br>-<br>-<br>460         |
| Wool production .....                      | farms, 2002<br>1997<br>pounds, 2002<br>1997 | 5<br>3<br>716<br>(D)  | 16<br>8<br>5,670<br>1,614  | 51<br>41<br>48,321<br>14,722 | 31<br>41<br>28,247<br>45,176 | 1<br>4<br>(D)<br>1,224     | 30<br>29<br>6,975<br>3,878   | -<br>-<br>-<br>4,287       |
| Sheep and lambs sold .....                 | farms, 2002<br>1997<br>number, 2002<br>1997 | 4<br>3<br>53<br>(D)   | 13<br>8<br>681<br>177      | 50<br>54<br>4,746<br>1,420   | 27<br>48<br>2,777<br>6,392   | 2<br>4<br>(D)<br>98        | 26<br>32<br>1,147<br>763     | -<br>-<br>-<br>488         |

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**Table 16. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                       | Lapeer              | Leelanau  | Lenawee   | Livingston | Luce      | Mackinac  | Macomb    | Manistee       |
|--|---------------------|-----------|-----------|------------|-----------|-----------|-----------|----------------|
| Sheep and lambs inventory (see text) ..... | farms, 2002<br>1997 | 89<br>60  | 12<br>4   | 48<br>62   | 54<br>46  | -         | 4<br>1    | 20<br>17       |
| number, 2002                               | 2,392               | 141       | 1,249     | 1,919      | -         | (D)       | 286       | 525            |
| 1997                                       | 1,674               | (D)       | 1,858     | 1,352      | -         | (D)       | 273       | 377            |
| 2002 farms by inventory:                   |                     |           |           |            |           |           |           |                |
| 1 to 24 .....                              | farms<br>number     | 61<br>556 | 11<br>(D) | 38<br>(D)  | 29<br>279 | -         | 3<br>26   | 16<br>141      |
| 25 to 99 .....                             | farms<br>number     | 23<br>936 | 1<br>(D)  | 8<br>425   | 21<br>897 | -         | 1<br>(D)  | 4<br>145       |
| 100 to 299 .....                           | farms<br>number     | 5<br>900  | -         | 1<br>(D)   | 4<br>743  | -         | -         | 2<br>(D)       |
| 300 to 999 .....                           | farms<br>number     | -         | -         | 1<br>(D)   | -         | -         | -         | -              |
| 1,000 or more .....                        | farms<br>number     | -         | -         | -          | -         | -         | -         | -              |
| Ewes 1 year old or older .....             | farms, 2002<br>1997 | 81<br>54  | 9<br>4    | 43<br>53   | 50<br>37  | -         | 3<br>1    | 20<br>14       |
| number, 2002                               | 1,482               | 101       | 753       | 1,248      | -         | (D)       | 145       | 327            |
| 1997                                       | 1,161               | (D)       | 796       | 944        | -         | (D)       | 198       | 273            |
| Wool production .....                      | farms, 2002<br>1997 | 53<br>43  | 7<br>4    | 36<br>45   | 44<br>46  | -         | 1<br>1    | 15<br>12       |
| pounds, 2002                               | 13,308              | 796       | 19,650    | 16,922     | -         | (D)       | 1,710     | 3,988          |
| 1997                                       | 9,660               | (D)       | 7,827     | 10,110     | -         | (D)       | 1,961     | 1,567          |
| Sheep and lambs sold .....                 | farms, 2002<br>1997 | 44<br>50  | 4<br>4    | 39<br>46   | 37<br>43  | -         | 3<br>1    | 8<br>13        |
| number, 2002                               | 2,038               | 58        | 3,230     | 985        | -         | (D)       | 114       | 599            |
| 1997                                       | 1,319               | (D)       | 12,204    | 1,022      | -         | (D)       | 299       | 250            |
| Item                                       | Marquette           | Mason     | Mecosta   | Menominee  | Midland   | Missaukee | Monroe    | Montcalm       |
| Sheep and lambs inventory (see text) ..... | farms, 2002<br>1997 | 7<br>2    | 24<br>13  | 25<br>20   | 21<br>10  | 12<br>19  | 19<br>13  | 57<br>43       |
| number, 2002                               | 88                  | 1,085     | 1,910     | 153        | 243       | 409       | 1,227     | 384            |
| 1997                                       | (D)                 | 919       | 1,418     | 94         | 317       | 351       | 1,470     | 632            |
| 2002 farms by inventory:                   |                     |           |           |            |           |           |           |                |
| 1 to 24 .....                              | farms<br>number     | 7<br>88   | 18<br>118 | 19<br>(D)  | 19<br>(D) | 6<br>49   | 9<br>73   | 48<br>376      |
| 25 to 99 .....                             | farms<br>number     | -<br>-    | -<br>-    | 4<br>170   | 2<br>(D)  | 6<br>194  | 10<br>336 | 5<br>296       |
| 100 to 299 .....                           | farms<br>number     | -<br>-    | 6<br>967  | -<br>-     | -<br>-    | -<br>-    | -<br>-    | 4<br>555       |
| 300 to 999 .....                           | farms<br>number     | -<br>-    | -<br>-    | 1<br>(D)   | -<br>-    | -<br>-    | -<br>-    | -<br>(D)       |
| 1,000 or more .....                        | farms<br>number     | -<br>-    | -<br>-    | 1<br>(D)   | -<br>-    | -<br>-    | -<br>-    | -<br>-         |
| Ewes 1 year old or older .....             | farms, 2002<br>1997 | 6<br>2    | 20<br>10  | 21<br>12   | 17<br>10  | 12<br>15  | 19<br>169 | 46<br>265      |
| number, 2002                               | 26                  | 617       | 961       | 95         | 60        | 182       | 711       | 178            |
| 1997                                       | (D)                 | 321       | 684       | 60         | 182       | 278       | 900       | 448            |
| Wool production .....                      | farms, 2002<br>1997 | 5<br>1    | 15<br>8   | 14<br>8    | 9<br>6    | 12<br>11  | 14<br>12  | 37<br>32       |
| pounds, 2002                               | 230                 | 11,758    | 9,285     | 1,917      | 1,827     | 2,355     | 5,767     | 5,398          |
| 1997                                       | (D)                 | 4,489     | 6,183     | 396        | 2,475     | 2,375     | 8,721     | 3,716          |
| Sheep and lambs sold .....                 | farms, 2002<br>1997 | 4<br>2    | 11<br>11  | 12<br>15   | 11<br>4   | 9<br>18   | 13<br>164 | 37<br>212      |
| number, 2002                               | 1,050               | 860       | 87        | 87         | 164       | 241       | 380       | 752            |
| 1997                                       | (D)                 | 612       | 631       | (D)        | 241       | 380       | 1,111     | 481            |
| Item                                       | Montmorency         | Muskegon  | Newaygo   | Oakland    | Oceana    | Ogemaw    | Ontonagon | Osceola        |
| Sheep and lambs inventory (see text) ..... | farms, 2002<br>1997 | 3<br>6    | 22<br>7   | 22<br>20   | 60<br>38  | 16<br>13  | 12<br>10  | 2<br>2         |
| number, 2002                               | 40                  | 292       | 1,266     | 962        | 294       | 664       | (D)       | 37<br>33       |
| 1997                                       | 48                  | 58        | 1,110     | 1,024      | 102       | 299       | (D)       | 1,705<br>1,094 |
| 2002 farms by inventory:                   |                     |           |           |            |           |           |           |                |
| 1 to 24 .....                              | farms<br>number     | 3<br>40   | 18<br>112 | 16<br>112  | 49<br>448 | 14<br>(D) | 7<br>(D)  | 2<br>(D)       |
| 25 to 99 .....                             | farms<br>number     | -<br>-    | 4<br>180  | 2<br>(D)   | 9<br>(D)  | -<br>-    | 2<br>(D)  | -<br>457       |
| 100 to 299 .....                           | farms<br>number     | -<br>-    | -<br>-    | 2<br>(D)   | 2<br>(D)  | 2<br>3    | -<br>530  | -<br>6         |
| 300 to 999 .....                           | farms<br>number     | -<br>-    | -<br>-    | 2<br>(D)   | -<br>-    | -<br>-    | -<br>-    | -<br>-         |
| 1,000 or more .....                        | farms<br>number     | -<br>-    | -<br>-    | -<br>-     | -<br>-    | -<br>-    | -<br>-    | -<br>-         |
| Ewes 1 year old or older .....             | farms, 2002<br>1997 | 3<br>5    | 15<br>5   | 18<br>17   | 58<br>34  | 11<br>8   | 8<br>10   | 2<br>2         |
| number, 2002                               | 23                  | 183       | 647       | 554        | 130       | 406       | (D)       | 36<br>26       |
| 1997                                       | 21                  | 31        | 408       | 579        | 48        | 271       | (D)       | 1,079<br>663   |
| Wool production .....                      | farms, 2002<br>1997 | 1<br>4    | 7<br>2    | 14<br>11   | 39<br>33  | 7<br>9    | 6<br>9    | 2<br>2         |
| pounds, 2002                               | (D)                 | 1,398     | 12,175    | 3,957      | 769       | 3,910     | (D)       | 27<br>21       |
| 1997                                       | 161                 | (D)       | 6,727     | 6,669      | 774       | 2,411     | (D)       | 9,522<br>6,967 |
| Sheep and lambs sold .....                 | farms, 2002<br>1997 | -<br>3    | 6<br>6    | 19<br>10   | 34<br>35  | 10<br>12  | 8<br>10   | 2<br>1         |
| number, 2002                               | -                   | 35        | 1,597     | 394        | 168       | 476       | (D)       | 27<br>34       |
| 1997                                       | (D)                 | 45        | 1,309     | 705        | 118       | 387       | (D)       | 1,308<br>936   |

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**Table 16. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                       | Oscoda       | Otsego      | Ottawa     | Presque Isle | Roscommon | Saginaw   | St. Clair | St. Joseph |
|--|--------------|-------------|------------|--------------|-----------|-----------|-----------|------------|
| Sheep and lambs inventory (see text) ..... |              |             |            |              |           |           |           |            |
| farms, 2002                                | 9            | 7           | 39         | 9            | 1         | 25        | 53        | 52         |
| 1997                                       | 16           | 6           | 40         | 7            | 2         | 25        | 31        | 58         |
| number, 2002                               | 404          | 264         | 923        | 137          | (D)       | 460       | 779       | 3,461      |
| 1997                                       | 621          | 87          | 764        | 113          | (D)       | 433       | 474       | 3,165      |
| 2002 farms by inventory:                   |              |             |            |              |           |           |           |            |
| 1 to 24 .....                              | 5            | 3           | 25         | 7            | -         | 18        | 45        | 32         |
| farms                                      |              |             | (D)        | (D)          |           | 133       | 369       | 292        |
| number                                     | 26           | 29          |            |              |           |           |           |            |
| 25 to 99 .....                             | 3            | 4           | 12         | 2            | -         | 7         | 8         | 8          |
| farms                                      |              |             | (D)        | (D)          |           | 327       | 410       | (D)        |
| number                                     | (D)          | 235         | 438        |              |           |           |           |            |
| 100 to 299 .....                           | 1            | -           | 2          | -            | 1         | -         | -         | 11         |
| farms                                      |              |             | (D)        |              | (D)       |           |           |            |
| number                                     | (D)          | -           |            |              |           |           |           | 2,461      |
| 300 to 999 .....                           | -            | -           | -          | -            | -         | -         | -         | 1          |
| farms                                      |              |             |            |              |           |           |           |            |
| number                                     | -            | -           |            |              |           |           |           | (D)        |
| 1,000 or more .....                        | -            | -           | -          | -            | -         | -         | -         | -          |
| farms                                      |              |             |            |              |           |           |           |            |
| number                                     | -            | -           |            |              |           |           |           |            |
| Ewes 1 year old or older .....             | farms, 2002  | 8           | 7          | 34           | 9         | 1         | 25        | 43         |
|  | 1997         | 11          | 6          | 34           | 4         | 2         | 22        | 47         |
|  | number, 2002 | 237         | 185        | 560          | 92        | (D)       | 288       | 538        |
|  | 1997         | 179         | 51         | 447          | 17        | (D)       | 282       | 298        |
| Wool production .....                      | farms, 2002  | 6           | 8          | 23           | 8         | 1         | 17        | 28         |
|  | 1997         | 11          | 5          | 32           | 2         | 1         | 20        | 25         |
|  | pounds, 2002 | 1,513       | 1,688      | 3,996        | 950       | (D)       | 2,338     | 5,204      |
|  | 1997         | 1,668       | 293        | 3,036        | (D)       | (D)       | 3,150     | 2,830      |
| Sheep and lambs sold .....                 | farms, 2002  | 6           | 6          | 35           | 4         | 1         | 11        | 31         |
|  | 1997         | 15          | 6          | 32           | 5         | 2         | 22        | 25         |
|  | number, 2002 | 173         | 133        | 791          | (D)       | (D)       | 279       | 302        |
|  | 1997         | 698         | 68         | 463          | 92        | (D)       | 363       | 355        |
| Item                                       | Sanilac      | Schoolcraft | Shiawassee | Tuscola      | Van Buren | Washtenaw | Wayne     | Wexford    |
| Sheep and lambs inventory (see text) ..... | farms, 2002  | 36          | -          | 58           | 23        | 45        | 128       | 8          |
|  | 1997         | 25          | 2          | 38           | 29        | 25        | 128       | 4          |
|  | number, 2002 | 956         | -          | 2,113        | 527       | 1,933     | 12,751    | 16         |
|  | 1997         | 575         | (D)        | 1,101        | 1,041     | 1,385     | 11,201    | 182        |
| 2002 farms by inventory:                   |              |             |            |              |           |           |           |            |
| 1 to 24 .....                              | farms        | 22          | -          | 37           | 17        | 32        | 65        | 7          |
|  | number       | (D)         | -          | (D)          | (D)       | (D)       | (D)       | 4          |
| 25 to 99 .....                             | farms        | 13          | -          | 16           | 5         | 5         | 41        | 8          |
|  | number       | 726         | -          | 738          | 307       | 357       | 2,164     | 1          |
| 100 to 299 .....                           | farms        | 1           | -          | 4            | 1         | 7         | 16        | 4          |
|  | number       | (D)         | -          | 574          | (D)       | 1,030     | 2,631     | -          |
| 300 to 999 .....                           | farms        | -           | -          | 1            | -         | 1         | 4         | -          |
|  | number       | -           | -          | (D)          | -         | (D)       | 2,343     | -          |
| 1,000 or more .....                        | farms        | -           | -          | -            | -         | -         | 2         | -          |
|  | number       | -           | -          | -            | -         | -         | (D)       | -          |
| Ewes 1 year old or older .....             | farms, 2002  | 33          | -          | 54           | 18        | 41        | 115       | 8          |
|  | 1997         | 21          | 2          | 36           | 22        | 21        | 111       | 7          |
|  | number, 2002 | 636         | -          | 1,486        | 319       | 1,068     | 3,559     | 4          |
|  | 1997         | 430         | (D)        | 615          | 832       | 792       | 4,603     | 97         |
| Wool production .....                      | farms, 2002  | 22          | -          | 45           | 10        | 29        | 91        | 1          |
|  | 1997         | 16          | 2          | 30           | 18        | 16        | 111       | 2          |
|  | pounds, 2002 | 5,624       | -          | 13,486       | 2,228     | 11,373    | 98,312    | 930        |
|  | 1997         | 3,670       | (D)        | 6,813        | 7,620     | 7,152     | 93,449    | (D)        |
| Sheep and lambs sold .....                 | farms, 2002  | 16          | -          | 44           | 17        | 29        | 87        | 5          |
|  | 1997         | 20          | 2          | 39           | 19        | 20        | 119       | 4          |
|  | number, 2002 | 488         | -          | 1,472        | 403       | 1,116     | 14,008    | 3          |
|  | 1997         | 321         | (D)        | 954          | 1,142     | 878       | 17,718    | 252        |
|  |              |             |            |              |           |           |           | (D)        |

**Table 17. Milk Goats - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area       | Inventory |        | Sold  |        |
|-----------------------|-----------|--------|-------|--------|
|                       | Farms     | Number | Farms | Number |
| <b>STATE TOTAL</b>    |           |        |       |        |
| Michigan .....        | 2002      | 843    | 267   | 2,904  |
|                       | 1997      | 514    | 148   | 2,179  |
| <b>COUNTIES, 2002</b> |           |        |       |        |
| Alcona .....          |           | 4      | (D)   | -      |
| Alger .....           |           | 2      | (D)   | -      |
| Allegan .....         |           | 20     | (D)   | 8      |
| Alpena .....          |           | 11     | 84    | 5      |
| Antrim .....          |           | 5      | 26    | 1      |
| Arenac .....          |           | 3      | 24    | 3      |
| Baraga .....          |           | 7      | (D)   | -      |
| Barry .....           |           | 10     | (D)   | 2      |
| Bay .....             |           | 6      | 89    | 1      |
| Benzie .....          |           | 8      | 132   | 3      |
| Berrien .....         |           | 12     | 127   | 5      |
| Branch .....          |           | 14     | 92    | 3      |
| Calhoun .....         |           | 22     | 294   | 11     |
| Cass .....            |           | 9      | (D)   | 8      |
| Charlevoix .....      |           | 6      | (D)   | 2      |
| Cheboygan .....       |           | 2      | (D)   | 2      |
| Chippewa .....        |           | 7      | (D)   | 1      |
| Clare .....           |           | 12     | 293   | 7      |
| Clinton .....         |           | 10     | 33    | 3      |
| Crawford .....        |           | 2      | (D)   | -      |
| Delta .....           |           | 3      | 9     | -      |
| Dickinson .....       |           | 2      | (D)   | -      |
| Eaton .....           |           | 11     | (D)   | 4      |
| Emmet .....           |           | 9      | 46    | 1      |
| Genesee .....         |           | 19     | 95    | 7      |
| Gladwin .....         |           | 9      | 111   | 4      |
| Grand Traverse .....  |           | 2      | (D)   | 2      |
| Gratiot .....         |           | 9      | (D)   | 4      |
| Hillsdale .....       |           | 36     | (D)   | 12     |
| Houghton .....        |           | 7      | 17    | 1      |
| Huron .....           |           | 3      | 15    | 2      |
| Ingham .....          |           | 18     | 406   | 3      |
| Ionia .....           |           | 14     | 75    | 7      |
| Iosco .....           |           | 3      | (D)   | 1      |
| Iron .....            |           | 3      | (D)   | -      |
| Isabella .....        |           | 14     | (D)   | 4      |
| Jackson .....         |           | 26     | 166   | 5      |
| Kalamazoo .....       |           | 14     | (D)   | 4      |
| Kalkaska .....        |           | 2      | (D)   | -      |
| Kent .....            |           | 13     | 40    | 3      |
| Lake .....            |           | 3      | 8     | 3      |
| Lapeer .....          |           | 24     | 539   | 5      |
| Leelanau .....        |           | 2      | (D)   | 2      |
| Lenawee .....         |           | 19     | 102   | 9      |
| Livingston .....      |           | 27     | 178   | 7      |
| Mackinac .....        |           | 2      | (D)   | 2      |
| Macomb .....          |           | 4      | 112   | 4      |
| Manistee .....        |           | 9      | 82    | 5      |
| Marquette .....       |           | 3      | (D)   | 3      |
| Mason .....           |           | 12     | 44    | 2      |
| Mecosta .....         |           | 15     | (D)   | 4      |
| Menominee .....       |           | 2      | (D)   | 1      |
| Midland .....         |           | 9      | (D)   | 3      |
| Missaukee .....       |           | 4      | 28    | 3      |
| Monroe .....          |           | 23     | 309   | 3      |
| Montcalm .....        |           | 11     | 177   | 4      |
| Montmorency .....     |           | 3      | (D)   | -      |
| Muskegon .....        |           | 13     | (D)   | -      |
| Newaygo .....         |           | 7      | 26    | -      |
| Oakland .....         |           | 10     | 34    | 2      |
| Oceana .....          |           | 12     | 46    | 7      |
| Ogemaw .....          |           | 2      | (D)   | 1      |
| Ontonagon .....       |           | 2      | (D)   | -      |
| Osceola .....         |           | 11     | 365   | 5      |
| Oscoda .....          |           | 6      | (D)   | -      |
| Otsego .....          |           | 2      | (D)   | -      |
| Ottawa .....          |           | 22     | 948   | 11     |
| Presque Isle .....    |           | 7      | 52    | 3      |
| Roscommon .....       |           | 4      | 4     | -      |
| Saginaw .....         |           | 6      | 11    | 1      |
| St. Clair .....       |           | 23     | 692   | 5      |
| St. Joseph .....      |           | 22     | 144   | 3      |
| Sanilac .....         |           | 16     | 210   | 4      |
| Schoolcraft .....     |           | 2      | (D)   | -      |
| Shiawassee .....      |           | 29     | 289   | 14     |
| Tuscola .....         |           | 21     | 121   | 4      |
| Van Buren .....       |           | 24     | 175   | 7      |
| Washtenaw .....       |           | 24     | 114   | 5      |
| Wayne .....           |           | 7      | 50    | 3      |
| Wexford .....         |           | 10     | 71    | 3      |

**Table 18. Angora Goats - Inventory, Number Sold, and Mohair Production: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area       | Angora goats |        |       |        | Mohair production <sup>1</sup> |        |
|-----------------------|--------------|--------|-------|--------|--------------------------------|--------|
|                       | Inventory    |        | Sold  |        |                                |        |
|                       | Farms        | Number | Farms | Number | Farms                          | Pounds |
| <b>STATE TOTAL</b>    |              |        |       |        |                                |        |
| Michigan .....        | 2002         | 145    | 1,374 | 28     | 525                            | 76     |
|                       | 1997         | 164    | 2,195 | 45     | 577                            | 100    |
| <b>COUNTIES, 2002</b> |              |        |       |        |                                |        |
| Alcona .....          |              | 3      | (D)   | 2      | (D)                            | 3      |
| Allegan .....         |              | 2      | (D)   | -      | -                              | 2      |
| Antrim .....          |              | 6      | 86    | -      | -                              | 6      |
| Barry .....           |              | 2      | (D)   | 1      | (D)                            | 1      |
| Calhoun .....         |              | 6      | 15    | 1      | (D)                            | 3      |
| Cass .....            |              | 1      | (D)   | -      | -                              | -      |
| Charlevoix .....      |              | 2      | (D)   | -      | -                              | -      |
| Cheboygan .....       |              | 1      | (D)   | -      | -                              | 1      |
| Chippewa .....        |              | 1      | (D)   | -      | -                              | 1      |
| Clare .....           |              | 2      | (D)   | -      | -                              | -      |
| Clinton .....         |              | 7      | 16    | -      | -                              | 2      |
| Crawford .....        |              | 1      | (D)   | -      | -                              | 1      |
| Delta .....           |              | 2      | (D)   | -      | -                              | -      |
| Eaton .....           |              | 2      | (D)   | -      | -                              | -      |
| Genesee .....         |              | 3      | 3     | -      | -                              | 3      |
| Gladwin .....         |              | 2      | (D)   | 1      | (D)                            | 1      |
| Gratiot .....         |              | 1      | (D)   | 1      | (D)                            | -      |
| Hillsdale .....       |              | 1      | (D)   | -      | -                              | -      |
| Ingham .....          |              | 2      | (D)   | -      | -                              | -      |
| Ionia .....           |              | 4      | 20    | 3      | 14                             | 3      |
| Iosco .....           |              | 1      | (D)   | -      | -                              | -      |
| Isabella .....        |              | 4      | (D)   | -      | -                              | -      |
| Jackson .....         |              | 3      | 220   | 2      | (D)                            | 2      |
| Kalamazoo .....       |              | 2      | (D)   | -      | -                              | 2      |
| Kent .....            |              | 3      | 5     | -      | -                              | -      |
| Lapeer .....          |              | 8      | 269   | 5      | (D)                            | 7      |
| Leelanau .....        |              | 1      | (D)   | -      | -                              | 1      |
| Lenawee .....         |              | 3      | 10    | -      | -                              | 1      |
| Livingston .....      |              | 12     | 83    | 1      | (D)                            | 6      |
| Mackinac .....        |              | 2      | (D)   | -      | -                              | -      |
| Macomb .....          |              | 5      | (D)   | 1      | (D)                            | 5      |
| Mason .....           |              | 1      | (D)   | -      | -                              | -      |
| Mecosta .....         |              | 1      | (D)   | -      | -                              | 1      |
| Menominee .....       |              | 1      | (D)   | -      | -                              | (D)    |
| Midland .....         |              | 2      | (D)   | -      | -                              | 2      |
| Monroe .....          |              | 1      | (D)   | -      | -                              | (D)    |
| Montcalm .....        |              | 2      | (D)   | -      | -                              | -      |
| Montmorency .....     |              | 1      | (D)   | -      | -                              | -      |
| Muskegon .....        |              | 2      | (D)   | -      | -                              | 2      |
| Newaygo .....         |              | 4      | 248   | 4      | 20                             | 4      |
| Oakland .....         |              | 4      | 21    | -      | -                              | 1      |
| Oscela .....          |              | 4      | 11    | -      | -                              | 4      |
| Ottawa .....          |              | 4      | 48    | 2      | (D)                            | 4      |
| Presque Isle .....    |              | 1      | (D)   | -      | -                              | 1      |
| St. Clair .....       |              | 3      | 8     | 2      | (D)                            | 1      |
| Shiawassee .....      |              | 1      | (D)   | 1      | (D)                            | 1      |
| Tuscola .....         |              | 5      | 29    | 1      | (D)                            | 1      |
| Washtenaw .....       |              | 13     | 23    | -      | -                              | 3      |
|                       |              |        |       |        |                                | 50     |

<sup>1</sup> 1997 data are for farms with sales.

**Table 19. Colonies of Bees and Honey - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area       | Colonies of bees |        |        |        | Honey produced <sup>1</sup> |         |
|-----------------------|------------------|--------|--------|--------|-----------------------------|---------|
|                       | Inventory        |        | Sold   |        |                             |         |
|                       | Farms            | Number | Farms  | Number | Farms                       | Pounds  |
| <b>STATE TOTAL</b>    |                  |        |        |        |                             |         |
| Michigan .....        | 2002             | 599    | 79,341 | 52     | 3,112                       | 442     |
|                       | 1997             | 772    | 78,331 | 39     | 18,333                      | 444     |
| <b>COUNTIES, 2002</b> |                  |        |        |        |                             |         |
| Alcona .....          |                  | 1      | (D)    | -      | -                           | -       |
| Alger .....           |                  | 1      | (D)    | -      | -                           | -       |
| Allegan .....         |                  | 10     | 1,577  | 1      | (D)                         | 9       |
| Alpena .....          |                  | 1      | (D)    | -      | -                           | -       |
| Antrim .....          |                  | 5      | 3,676  | 1      | (D)                         | 5       |
| Arenac .....          |                  | 4      | 48     | -      | -                           | 4       |
| Barry .....           |                  | 7      | (D)    | -      | -                           | 3       |
| Bay .....             |                  | 9      | 4,976  | 2      | (D)                         | 9       |
| Benzie .....          |                  | 7      | (D)    | 1      | (D)                         | 7       |
| Berrien .....         |                  | 15     | 3,184  | 5      | 267                         | 10      |
| Branch .....          |                  | 6      | 165    | 1      | (D)                         | 5       |
| Calhoun .....         |                  | 16     | 998    | -      | -                           | 12      |
| Cass .....            |                  | 10     | 603    | -      | -                           | 9       |
| Charlevoix .....      |                  | 3      | (D)    | -      | -                           | 2       |
| Cheboygan .....       |                  | 7      | (D)    | 1      | (D)                         | (D)     |
| Chippewa .....        |                  | 10     | 269    | -      | -                           | 5       |
| Clare .....           |                  | 4      | (D)    | 1      | (D)                         | 4       |
| Clinton .....         |                  | 11     | 394    | -      | -                           | 10      |
| Crawford .....        |                  | 2      | (D)    | -      | -                           | -       |
| Delta .....           |                  | 3      | (D)    | -      | -                           | 3       |
| Dickinson .....       |                  | 1      | (D)    | 1      | (D)                         | -       |
| Eaton .....           |                  | 15     | 183    | 1      | (D)                         | 9       |
| Emmet .....           |                  | 4      | 7      | -      | -                           | 1       |
| Genesee .....         |                  | 10     | 167    | 3      | 6                           | 10,065  |
| Gladwin .....         |                  | 7      | 1,158  | 2      | (D)                         | 5       |
| Grand Traverse .....  |                  | 12     | 3,439  | 1      | (D)                         | 12      |
| Gratiot .....         |                  | 7      | 749    | 1      | (D)                         | 5       |
| Hillsdale .....       |                  | 18     | 1,062  | -      | -                           | 11      |
| Houghton .....        |                  | 3      | (D)    | -      | -                           | 3       |
| Huron .....           |                  | 9      | 3,003  | -      | -                           | 7       |
| Ingham .....          |                  | 19     | 273    | 3      | 3                           | 19      |
| Ionia .....           |                  | 5      | 258    | -      | -                           | 5       |
| Iosco .....           |                  | 1      | (D)    | -      | -                           | (D)     |
| Isabella .....        |                  | 12     | 1,770  | 2      | (D)                         | 8       |
| Jackson .....         |                  | 7      | 883    | -      | -                           | 6       |
| Kalamazoo .....       |                  | 8      | 5,185  | 1      | (D)                         | 7       |
| Kalkaska .....        |                  | 7      | 23     | -      | -                           | 1       |
| Kent .....            |                  | 9      | 2,864  | 2      | (D)                         | 6       |
| Lake .....            |                  | 1      | (D)    | -      | -                           | 1       |
| Lapeer .....          |                  | 11     | 323    | -      | -                           | 6       |
| Leelanau .....        |                  | 9      | 1,504  | -      | -                           | 9       |
| Lenawee .....         |                  | 20     | 2,780  | 3      | 290                         | 57,995  |
| Livingston .....      |                  | 22     | 3,775  | 2      | (D)                         | 17      |
| Mackinac .....        |                  | 3      | 7      | -      | -                           | 14      |
| Macomb .....          |                  | 5      | 87     | -      | -                           | 180,865 |
| Manistee .....        |                  | 5      | 841    | -      | -                           | 6,716   |
| Marquette .....       |                  | 2      | (D)    | -      | -                           | 51,675  |
| Mason .....           |                  | 5      | 1,405  | 2      | (D)                         | 1       |
| Mecosta .....         |                  | 11     | (D)    | -      | -                           | 5       |
| Menominee .....       |                  | 6      | 60     | -      | -                           | (D)     |
| Midland .....         |                  | 9      | 92     | -      | -                           | 2       |
| Missaukee .....       |                  | 1      | (D)    | -      | -                           | 5,015   |
| Monroe .....          |                  | 6      | 23     | 4      | 18                          | 1       |
| Montcalm .....        |                  | 18     | 5,707  | 2      | (D)                         | 660     |
| Muskegon .....        |                  | 5      | 37     | -      | -                           | 361,563 |
| Newaygo .....         |                  | 4      | (D)    | -      | -                           | 3,210   |
| Oakland .....         |                  | 21     | 661    | 1      | (D)                         | 4       |
| Oceana .....          |                  | 2      | (D)    | 1      | (D)                         | 21      |
| Ogemaw .....          |                  | 2      | (D)    | -      | -                           | 86,190  |
| Ontonagon .....       |                  | 2      | (D)    | -      | -                           | (D)     |
| Osceola .....         |                  | 8      | 37     | -      | -                           | 2       |
| Oscoda .....          |                  | 3      | 5      | -      | -                           | 3       |
| Otsego .....          |                  | 1      | (D)    | -      | -                           | 150     |
| Ottawa .....          |                  | 10     | (D)    | -      | -                           | (D)     |
| Presque Isle .....    |                  | 2      | (D)    | -      | -                           | 1       |
| Saginaw .....         |                  | 11     | 1,739  | -      | -                           | 6       |
| St. Clair .....       |                  | 11     | (D)    | -      | -                           | 2       |
| St. Joseph .....      |                  | 6      | (D)    | -      | -                           | (D)     |
| Sanilac .....         |                  | 14     | 3,425  | 1      | (D)                         | 2       |
| Shiawassee .....      |                  | 9      | 524    | -      | -                           | 13      |
| Tuscola .....         |                  | 8      | 390    | -      | -                           | 8       |
| Van Buren .....       |                  | 4      | 63     | 2      | (D)                         | 5       |
| Washtenaw .....       |                  | 42     | 806    | 2      | (D)                         | 2       |
| Wayne .....           |                  | 10     | 745    | -      | -                           | 22      |
| Wexford .....         |                  | 4      | 2,873  | 2      | (D)                         | 10      |
|                       |                  |        |        |        |                             | 19,715  |
|                       |                  |        |        |        |                             | 232,572 |

<sup>1</sup> 1997 data are for farms with sales.

**Table 20. Mink and Their Pelts - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area       | Inventory |        | Sold   |        |
|-----------------------|-----------|--------|--------|--------|
|                       | Farms     | Number | Farms  | Number |
| <b>STATE TOTAL</b>    |           |        |        |        |
| Michigan .....        | 2002      | 9      | 45,899 | 31,672 |
|                       | 1997      | 16     | 44,262 | 50,656 |
| <b>COUNTIES, 2002</b> |           |        |        |        |
| Allegan .....         |           | 1      | (D)    | (D)    |
| Delta .....           |           | 2      | (D)    | (D)    |
| Dickinson .....       |           | 1      | (D)    | (D)    |
| Eaton .....           |           | 1      | (D)    | (D)    |
| Ingham .....          |           | 2      | (D)    | (D)    |
| Menominee .....       |           | 2      | (D)    | (D)    |

**Table 21. Aquaculture Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                   | Farms with aquaculture sold | Farms reporting by - |              |             |            |
|-----------------------------------|-----------------------------|----------------------|--------------|-------------|------------|
|                                   |                             | Pounds sold          |              | Number sold |            |
|                                   |                             | Farms                | 1,000 pounds | Farms       | Thousands  |
| <b>CATFISH</b>                    |                             |                      |              |             |            |
| <b>State Total</b>                |                             |                      |              |             |            |
| Michigan . . . . .                | 2002                        |                      |              |             |            |
|                                   | 1997                        |                      |              |             |            |
|                                   |                             | 14<br>(NA)           | 6<br>3       | (D)<br>(D)  | 8<br>3     |
| <b>Counties, 2002</b>             |                             |                      |              |             |            |
| Alligan . . . . .                 |                             | 2                    | 2            | (D)         | -          |
| Barry . . . . .                   |                             | 2                    | -            | -           | 2          |
| Clinton . . . . .                 |                             | 1                    | -            | -           | (D)        |
| Isabella . . . . .                |                             | 1                    | -            | -           | (D)        |
| Monroe . . . . .                  |                             | 1                    | 1            | -           | -          |
| Newaygo . . . . .                 |                             | 2                    | 2            | (D)<br>(D)  | -          |
| St. Clair . . . . .               |                             | 1                    | -            | -           | 1          |
| Sanilac . . . . .                 |                             | 2                    | -            | -           | (D)        |
| Washtenaw . . . . .               |                             | 2                    | 1            | (D)         | 1          |
| <b>TROUT</b>                      |                             |                      |              |             |            |
| <b>State Total</b>                |                             |                      |              |             |            |
| Michigan . . . . .                | 2002                        |                      |              |             |            |
|                                   | 1997                        |                      |              |             |            |
|                                   |                             | 37<br>(NA)           | 14<br>20     | 290<br>671  | 28<br>28   |
| <b>Counties, 2002</b>             |                             |                      |              |             |            |
| Alcona . . . . .                  |                             | 1                    | -            | -           | 1          |
| Anttrim . . . . .                 |                             | 3                    | 2            | (D)         | 1          |
| Clare . . . . .                   |                             | 2                    | -            | -           | (D)        |
| Emmet . . . . .                   |                             | 1                    | 1            | (D)         | -          |
| Iron . . . . .                    |                             | 1                    | 1            | (D)         | 1          |
| Kent . . . . .                    |                             | 2                    | -            | -           | (D)        |
| Lapeer . . . . .                  |                             | 1                    | 1            | (D)         | -          |
| Mason . . . . .                   |                             | 2                    | -            | -           | (D)        |
| Mecosta . . . . .                 |                             | 3                    | -            | -           | 3          |
| Montcalm . . . . .                |                             | 2                    | 2            | (D)         | 2          |
| Newaygo . . . . .                 |                             | 3                    | 1            | (D)         | 2          |
| Oceana . . . . .                  |                             | 2                    | -            | -           | (D)        |
| Ogemaw . . . . .                  |                             | 3                    | 2            | (D)         | 1          |
| Otsego . . . . .                  |                             | 2                    | 2            | (D)         | 2          |
| Ottawa . . . . .                  |                             | 3                    | -            | -           | 3          |
| St. Clair . . . . .               |                             | 1                    | -            | -           | 1          |
| Sanilac . . . . .                 |                             | 3                    | -            | -           | 3          |
| Washtenaw . . . . .               |                             | 1                    | 1            | (D)         | 31         |
| Wexford . . . . .                 |                             | 1                    | 1            | (D)         | -          |
| <b>OTHER FOOD FISH (SEE TEXT)</b> |                             |                      |              |             |            |
| <b>State Total</b>                |                             |                      |              |             |            |
| Michigan . . . . .                | 2002                        |                      |              |             |            |
|                                   | 1997                        |                      |              |             |            |
|                                   |                             | 11<br>(NA)           | -<br>(NA)    | -<br>(NA)   | 11<br>(NA) |
| <b>Counties, 2002</b>             |                             |                      |              |             |            |
| Barry . . . . .                   |                             | 2                    | -            | -           | 2          |
| Cass . . . . .                    |                             | 1                    | -            | -           | (D)        |
| Delta . . . . .                   |                             | 2                    | -            | -           | (D)        |
| Jackson . . . . .                 |                             | 2                    | -            | -           | (D)        |
| Saginaw . . . . .                 |                             | 1                    | -            | -           | 1          |
| Sanilac . . . . .                 |                             | 3                    | -            | -           | 3          |
| <b>BAITFISH (SEE TEXT)</b>        |                             |                      |              |             |            |
| <b>State Total</b>                |                             |                      |              |             |            |
| Michigan . . . . .                | 2002                        |                      |              |             |            |
|                                   | 1997                        |                      |              |             |            |
|                                   |                             | 5<br>(NA)            | 5<br>(NA)    | 15<br>(NA)  | -<br>(NA)  |
| <b>Counties, 2002</b>             |                             |                      |              |             |            |
| Cass . . . . .                    |                             | 2                    | 2            | (D)         | -          |
| Emmet . . . . .                   |                             | 1                    | 1            | (D)         | -          |
| Sanilac . . . . .                 |                             | 2                    | 2            | (D)         | -          |
| <b>ORNAMENTAL FISH (SEE TEXT)</b> |                             |                      |              |             |            |
| <b>State Total</b>                |                             |                      |              |             |            |
| Michigan . . . . .                | 2002                        |                      |              |             |            |
|                                   | 1997                        |                      |              |             |            |
|                                   |                             | 12<br>(NA)           | 1<br>(NA)    | (D)<br>(NA) | 11<br>(NA) |
| <b>Counties, 2002</b>             |                             |                      |              |             |            |
| Arenac . . . . .                  |                             | 3                    | -            | -           | 3          |
| Benzie . . . . .                  |                             | 1                    | -            | -           | 1          |
| Emmet . . . . .                   |                             | 1                    | -            | -           | (D)        |
| Genesee . . . . .                 |                             | 2                    | 1            | (D)         | 1          |
| Kent . . . . .                    |                             | 1                    | -            | -           | (D)        |
| Macomb . . . . .                  |                             | 2                    | -            | -           | (D)        |
| Ottawa . . . . .                  |                             | 1                    | -            | -           | 1          |
| Wayne . . . . .                   |                             | 1                    | -            | -           | (D)        |

--Continued

**Table 21. Aquaculture Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                              | Farms with aquaculture sold | Farms reporting by - |              |             |             |
|--|-----------------------------|----------------------|--------------|-------------|-------------|
|  |                             | Pounds sold          |              | Number sold |             |
|  |                             | Farms                | 1,000 pounds | Farms       | Thousands   |
| <b>SPORT OR GAME FISH (SEE TEXT)</b>         |                             |                      |              |             |             |
| <b>State Total</b>                           |                             |                      |              |             |             |
| Michigan . . . . .                           | 2002                        |                      |              |             |             |
|  | 1997                        |                      |              |             |             |
|  |                             | 23                   | 5<br>(NA)    | (Z)<br>(NA) | 19<br>(NA)  |
|  |                             |                      |              |             | 262<br>(NA) |
| <b>Counties, 2002</b>                        |                             |                      |              |             |             |
| Cass . . . . .                               |                             |                      | 1            | 1           | (D)         |
| Clinton . . . . .                            |                             |                      | 1            | -           | 1<br>(D)    |
| Delta . . . . .                              |                             |                      | 3            | -           | 3<br>(Z)    |
| Gladwin . . . . .                            |                             |                      | 2            | -           | 2<br>(D)    |
| Grand Traverse . . . . .                     |                             |                      | 2            | 2<br>(D)    | -           |
| Isabella . . . . .                           |                             |                      | 2            | -           | 2<br>(D)    |
| Jackson . . . . .                            |                             |                      | 1            | -           | 1<br>(D)    |
| Livingston . . . . .                         |                             |                      | 1            | -           | 1<br>(D)    |
| Mecosta . . . . .                            |                             |                      | 2            | -           | 2<br>(D)    |
| Newaygo . . . . .                            |                             |                      | 1            | -           | 1<br>(D)    |
| Ogemaw . . . . .                             |                             |                      | 1            | -           | 1<br>(D)    |
| Sanilac . . . . .                            |                             |                      | 3            | 2           | (D)         |
| Van Buren . . . . .                          |                             |                      | 2            | -           | 2<br>(D)    |
| Washtenaw . . . . .                          |                             |                      | 1            | -           | 1<br>(D)    |
| <b>OTHER FISH (SEE TEXT)</b>                 |                             |                      |              |             |             |
| <b>State Total</b>                           |                             |                      |              |             |             |
| Michigan . . . . .                           | 2002                        |                      |              |             |             |
|  | 1997                        |                      |              |             |             |
|  |                             | 2                    | (NA)         | (NA)        | (NA)        |
|  |                             |                      |              |             | 2<br>(D)    |
| <b>Counties, 2002</b>                        |                             |                      |              |             |             |
| Chippewa . . . . .                           |                             |                      | 2            | -           | 2           |
| <b>OTHER AQUACULTURE PRODUCTS (SEE TEXT)</b> |                             |                      |              |             |             |
| <b>State Total</b>                           |                             |                      |              |             |             |
| Michigan . . . . .                           | 2002                        |                      |              |             |             |
|  | 1997                        |                      |              |             |             |
|  |                             | 3                    | -            | 12<br>(X)   | 3<br>(X)    |
|  |                             |                      |              |             | 10          |
| <b>Counties, 2002</b>                        |                             |                      |              |             |             |
| Kent . . . . .                               |                             |                      | 1            | -           | 1<br>(D)    |
| Washtenaw . . . . .                          |                             |                      | 1            | -           | 1<br>(D)    |
| Wayne . . . . .                              |                             |                      | 1            | -           | 1<br>(D)    |

**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area       | Inventory    |             | Sold           |             |
|-----------------------|--------------|-------------|----------------|-------------|
|                       | Farms        | Number      | Farms          | Number      |
| <b>BISON</b>          |              |             |                |             |
| <b>State Total</b>    |              |             |                |             |
| Michigan .....        | 2002<br>1997 | 162<br>(NA) | 4,057<br>(NA)  | 60<br>(NA)  |
| <b>Counties, 2002</b> |              |             |                |             |
| Alcona .....          |              | 1           | (D)            | 1           |
| Allegan .....         |              | 9           | 117            | 1           |
| Alpena .....          |              | 2           | (D)            | -           |
| Antrim .....          |              | 1           | (D)            | -           |
| Barry .....           |              | 8           | 51             | -           |
| Bay .....             |              | 2           | (D)            | 2           |
| Berrien .....         |              | 1           | (D)            | -           |
| Branch .....          |              | 4           | 48             | 4           |
| Cass .....            |              | 1           | (D)            | 1           |
| Charlevoix .....      |              | 1           | (D)            | -           |
| Cheboygan .....       |              | 3           | 457            | 3           |
| Chippewa .....        |              | 1           | (D)            | (D)         |
| Clare .....           |              | 6           | 157            | -           |
| Eaton .....           |              | 2           | (D)            | -           |
| Emmet .....           |              | 2           | (D)            | 2           |
| Genesee .....         |              | 6           | 258            | 5           |
| Gladwin .....         |              | 4           | 306            | 4           |
| Grand Traverse .....  |              | 2           | (D)            | 52          |
| Hillsdale .....       |              | 6           | 72             | 1           |
| Houghton .....        |              | 2           | (D)            | (D)         |
| Huron .....           |              | 1           | (D)            | -           |
| Ingham .....          |              | 8           | 87             | 1           |
| Ionia .....           |              | 7           | 44             | -           |
| Iosco .....           |              | 2           | (D)            | -           |
| Jackson .....         |              | 7           | 202            | 3           |
| Kent .....            |              | 5           | 76             | 4           |
| Lapeer .....          |              | 6           | 86             | 1           |
| Lenawee .....         |              | 1           | (D)            | 1           |
| Livingston .....      |              | 9           | 76             | 1           |
| Manistee .....        |              | 1           | (D)            | -           |
| Marquette .....       |              | 5           | 60             | -           |
| Midland .....         |              | 2           | (D)            | -           |
| Missaukee .....       |              | 1           | (D)            | 1           |
| Monroe .....          |              | 4           | 38             | 3           |
| Montcalm .....        |              | 2           | (D)            | -           |
| Montmorency .....     |              | 1           | (D)            | -           |
| Muskegon .....        |              | 2           | (D)            | 2           |
| Newaygo .....         |              | 1           | (D)            | (D)         |
| Ogemaw .....          |              | 2           | (D)            | 1           |
| Osceola .....         |              | 3           | 150            | 3           |
| Oscoda .....          |              | 1           | (D)            | 60          |
| Otsego .....          |              | 3           | 175            | 1           |
| Ottawa .....          |              | 1           | (D)            | -           |
| Presque Isle .....    |              | 3           | 109            | 2           |
| Roscommon .....       |              | 2           | (D)            | (D)         |
| Saginaw .....         |              | 2           | (D)            | 1           |
| St. Clair .....       |              | 3           | (D)            | 2           |
| Sanilac .....         |              | 6           | 40             | 3           |
| Tuscola .....         |              | 1           | (D)            | (D)         |
| Van Buren .....       |              | 1           | (D)            | 8           |
| Washtenaw .....       |              | 4           | 41             | 1           |
| Wexford .....         |              | 1           | (D)            | (D)         |
| <b>DEER</b>           |              |             |                |             |
| <b>State Total</b>    |              |             |                |             |
| Michigan .....        | 2002<br>1997 | 403<br>(NA) | 23,151<br>(NA) | 148<br>(NA) |
| <b>Counties, 2002</b> |              |             |                |             |
| Allegan .....         |              | 1           | (D)            | 1           |
| Alpena .....          |              | 3           | 21             | -           |
| Antrim .....          |              | 4           | 300            | -           |
| Arenac .....          |              | 14          | 355            | 6           |
| Bay .....             |              | 5           | 578            | 2           |
| Berrien .....         |              | 4           | 108            | -           |
| Branch .....          |              | 1           | (D)            | 1           |
| Calhoun .....         |              | 3           | 26             | -           |
| Cheboygan .....       |              | 3           | 96             | 1           |
| Chippewa .....        |              | 2           | (D)            | 2           |
| Clare .....           |              | 4           | (D)            | (D)         |
| Clinton .....         |              | 4           | 36             | -           |
| Crawford .....        |              | 5           | 271            | 5           |
| Delta .....           |              | 3           | 81             | 30          |
| Eaton .....           |              | 11          | 132            | -           |
| Genesee .....         |              | 24          | 1,763          | 10          |
| Gladwin .....         |              | 12          | 541            | 2           |
| Grand Traverse .....  |              | 7           | 287            | 5           |
| Hillsdale .....       |              | 4           | 701            | 11          |
| Huron .....           |              | 4           | 154            | 28          |
| Ingham .....          |              | 1           | (D)            | -           |
| Ionia .....           |              | 5           | 283            | 1           |
| Iosco .....           |              | 9           | 168            | 2           |
| Iron .....            |              | 1           | (D)            | (D)         |

-continued

**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area              | Inventory |        | Sold  |        |
|------------------------------|-----------|--------|-------|--------|
|                              | Farms     | Number | Farms | Number |
| <b>DEER - Con.</b>           |           |        |       |        |
| <b>Counties, 2002 - Con.</b> |           |        |       |        |
| Isabella                     | 3         |        |       |        |
| Jackson                      | 12        | (D)    | 318   | 2      |
| Kalamazoo                    | 5         |        | 235   | 4      |
| Kalkaska                     | 2         | (D)    |       | 5      |
| Kent                         | 21        |        | 668   | 15     |
| Lapeer                       | 2         | (D)    |       | 2      |
| Leelanau                     | 7         |        | 329   | 1      |
| Lenawee                      | 6         |        | 100   | 2      |
| Livingston                   | 3         | (D)    |       | 1      |
| Mackinac                     | 7         |        | 126   | 1      |
| Manistee                     | 10        |        | 310   | 3      |
| Marquette                    | 2         | (D)    |       | 10     |
| Mecosta                      | 4         |        | 40    | -      |
| Menominee                    | 3         |        | 133   | -      |
| Midland                      | 2         | (D)    |       | (D)    |
| Missaukee                    | 4         |        | 246   | 1      |
| Monroe                       | 6         |        | 198   | 2      |
| Montcalm                     | 14        |        | 841   | 1      |
| Montmorency                  | 8         |        | 863   | 3      |
| Muskegon                     | 21        |        | 1,288 | 447    |
| Newaygo                      | 11        |        | 2,734 | 132    |
| Oakland                      | 4         |        | 196   | -      |
| Oceana                       | 9         |        | 71    | 6      |
| Ogemaw                       | 1         | (D)    |       | 10     |
| Osceola                      | 8         |        | 1,153 | (D)    |
| Oscola                       | 4         |        | 689   | 135    |
| Otsego                       | 2         | (D)    |       | 224    |
| Ottawa                       | 6         |        | 157   | 1      |
| Presque Isle                 | 7         | (D)    |       | 6      |
| Roscommon                    | 5         |        | 485   | 3      |
| Saginaw                      | 13        |        | 411   | 27     |
| St. Clair                    | 14        |        | 240   | (D)    |
| St. Joseph                   | 3         | (D)    |       | 18     |
| Sanilac                      | 7         |        | 98    | (D)    |
| Schoolcraft                  | 3         | (D)    |       | (D)    |
| Shiawassee                   | 7         |        | 194   | (D)    |
| Tuscola                      | 7         |        | 96    | -      |
| Wayne                        | 2         | (D)    |       | (D)    |
| Wexford                      | 14        |        | 230   | -      |
|                              |           |        |       | 37     |
| <b>ELK</b>                   |           |        |       |        |
| <b>State Total</b>           |           |        |       |        |
| Michigan                     | 2002      | 136    | 3,751 | 73     |
|                              | 1997      | (NA)   | (NA)  | (NA)   |
| <b>Counties, 2002</b>        |           |        |       |        |
| Allagan                      | 4         |        | 37    | 2      |
| Antrim                       | 2         | (D)    |       | (D)    |
| Barry                        | 2         | (D)    |       | -      |
| Bay                          | 1         | (D)    |       | 2      |
| Berrien                      | 1         | (D)    |       | 1      |
| Calhoun                      | 1         | (D)    |       | 1      |
| Cheboygan                    | 4         |        | 226   | 4      |
| Delta                        | 1         | (D)    |       | 49     |
| Dickinson                    | 1         | (D)    |       | (D)    |
| Eaton                        | 2         | (D)    |       | (D)    |
|                              | 3         |        | 26    | -      |
| Emmet                        | 1         | (D)    |       | (D)    |
| Genesee                      | 23        |        | 646   | 17     |
| Gladwin                      | 1         | (D)    |       | 177    |
| Grand Traverse               | -         |        | -     | (D)    |
| Hillsdale                    | 2         | (D)    |       | (D)    |
| Huron                        | 1         | (D)    |       | 2      |
| Ionia                        | 1         | (D)    |       | (D)    |
| Iron                         | 1         | (D)    |       | -      |
| Jackson                      | 3         |        | 39    | (D)    |
| Kent                         | 2         | (D)    |       | -      |
|                              |           |        | 1     | (D)    |
| Lapeer                       | 7         |        | 91    | 1      |
| Leelanau                     | 7         |        | 165   | (D)    |
| Lenawee                      | 2         | (D)    |       | (D)    |
| Livingston                   | 2         | (D)    |       | -      |
| Manistee                     | 5         |        | 61    | -      |
| Marquette                    | 2         | (D)    |       | (D)    |
| Mason                        | 4         |        | 236   | (D)    |
| Menominee                    | 1         | (D)    |       | (D)    |
| Missaukee                    | 4         |        | 116   | 18     |
| Monroe                       | 2         | (D)    |       | (D)    |
|                              |           |        | 2     | (D)    |
| Montcalm                     | 2         | (D)    |       | (D)    |
| Montmorency                  | 4         |        | 410   | 44     |
| Muskegon                     | 1         | (D)    |       | (D)    |
| Newaygo                      | 3         |        | 69    | 2      |
| Oceana                       | 3         |        | 82    | -      |
| Ogemaw                       | 1         | (D)    |       | (D)    |
| Osceola                      | 1         | (D)    |       | (D)    |
| Ottawa                       | 4         |        | 21    | 2      |
| Saginaw                      | 2         | (D)    |       | (D)    |
| St. Clair                    | 6         |        | 21    | -      |
|                              |           |        | 1     | (D)    |
| St. Joseph                   | 1         | (D)    |       | (D)    |
| Sanilac                      | 5         |        | 43    | (D)    |

-continued

**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area              | Inventory |        | Sold  |        |
|------------------------------|-----------|--------|-------|--------|
|                              | Farms     | Number | Farms | Number |
| <b>ELK - Con.</b>            |           |        |       |        |
| <b>Counties, 2002 - Con.</b> |           |        |       |        |
| Schoolcraft .....            | 1         | (D)    | 1     | (D)    |
| Shiawassee .....             | 3         | 89     | 2     | (D)    |
| Tuscola .....                | 3         | 84     | 1     | (D)    |
| Van Buren .....              | 4         | 44     | -     | -      |
| <b>GOATS, ALL</b>            |           |        |       |        |
| <b>State Total</b>           |           |        |       |        |
| Michigan ..... 2002          | 2,163     | 21,094 | 646   | 8,120  |
| Michigan ..... 1997          | 1,580     | 12,794 | 446   | 4,879  |
| <b>Counties, 2002</b>        |           |        |       |        |
| Alcona .....                 | 13        | 66     | 2     | (D)    |
| Alger .....                  | 2         | (D)    | -     | -      |
| Allegan .....                | 69        | 756    | 18    | 185    |
| Alpena .....                 | 19        | 110    | 6     | 39     |
| Antrim .....                 | 15        | 245    | 3     | 86     |
| Arenac .....                 | 8         | 36     | 3     | 72     |
| Baraga .....                 | 9         | 14     | -     | -      |
| Barry .....                  | 43        | 505    | 11    | 244    |
| Bay .....                    | 17        | 154    | 5     | 86     |
| Benzie .....                 | 10        | 205    | 3     | 48     |
| Berrien .....                | 44        | 359    | 13    | 113    |
| Branch .....                 | 36        | 390    | 13    | 131    |
| Calhoun .....                | 57        | 615    | 20    | 262    |
| Cass .....                   | 51        | 228    | 13    | 356    |
| Charlevoix .....             | 19        | 74     | 2     | (D)    |
| Cheboygan .....              | 10        | 73     | 3     | 28     |
| Chippewa .....               | 10        | 129    | 3     | 23     |
| Clare .....                  | 22        | 346    | 7     | 87     |
| Clinton .....                | 40        | 189    | 13    | 59     |
| Crawford .....               | 4         | 15     | -     | -      |
| Delta .....                  | 4         | 19     | 1     | (D)    |
| Dickinson .....              | 3         | 12     | -     | -      |
| Eaton .....                  | 66        | 230    | 12    | 43     |
| Emmet .....                  | 10        | 51     | 1     | (D)    |
| Genesee .....                | 58        | 336    | 12    | 66     |
| Gladwin .....                | 22        | 241    | 5     | 55     |
| Grand Traverse .....         | 8         | 28     | 3     | 19     |
| Gratiot .....                | 29        | 142    | 9     | 35     |
| Hillsdale .....              | 59        | 569    | 20    | 182    |
| Houghton .....               | 14        | 61     | 4     | 5      |
| Huron .....                  | 16        | 79     | 3     | (D)    |
| Ingham .....                 | 42        | 519    | 8     | 153    |
| Ionia .....                  | 43        | 224    | 14    | 104    |
| Iosco .....                  | 21        | 91     | 1     | (D)    |
| Iron .....                   | 5         | 7      | -     | -      |
| Isabella .....               | 23        | 419    | 5     | 154    |
| Jackson .....                | 75        | 917    | 26    | 540    |
| Kalamazoo .....              | 45        | 398    | 8     | 35     |
| Kalkaska .....               | 6         | 9      | 1     | (D)    |
| Kent .....                   | 44        | 182    | 12    | 60     |
| Lake .....                   | 12        | 40     | 5     | 29     |
| Lapeer .....                 | 65        | 1,157  | 19    | 605    |
| Leelanau .....               | 9         | 140    | 3     | 50     |
| Lenawee .....                | 52        | 370    | 24    | 572    |
| Livingston .....             | 58        | 557    | 27    | 259    |
| Mackinac .....               | 5         | 75     | 3     | 27     |
| Macomb .....                 | 18        | 247    | 8     | 152    |
| Manistee .....               | 11        | 169    | 8     | 78     |
| Marquette .....              | 14        | 426    | 6     | 120    |
| Mason .....                  | 14        | 84     | 9     | 36     |
| Mecosta .....                | 30        | 182    | 8     | 69     |
| Menominee .....              | 5         | (D)    | 2     | (D)    |
| Midland .....                | 23        | 441    | 8     | 103    |
| Missaukee .....              | 10        | 71     | 8     | 24     |
| Monroe .....                 | 53        | 586    | 20    | 155    |
| Montcalm .....               | 37        | 303    | 6     | 71     |
| Montmorency .....            | 8         | 33     | 4     | 14     |
| Muskegon .....               | 34        | 178    | 4     | 34     |
| Newaygo .....                | 33        | 402    | 15    | 47     |
| Oakland .....                | 40        | 140    | 8     | 21     |
| Oceana .....                 | 20        | 122    | 10    | 91     |
| Ogemaw .....                 | 5         | 38     | 2     | (D)    |
| Ontonagon .....              | 2         | (D)    | -     | -      |
| Osceola .....                | 22        | 490    | 11    | 105    |
| Oscoda .....                 | 6         | 62     | -     | -      |
| Otsego .....                 | 2         | (D)    | -     | -      |
| Ottawa .....                 | 43        | 1,197  | 19    | 414    |
| Presque Isle .....           | 12        | 71     | 5     | 47     |
| Roscommon .....              | 4         | 4      | -     | -      |
| Saginaw .....                | 29        | 145    | 8     | 85     |
| St. Clair .....              | 61        | 944    | 13    | 359    |
| St. Joseph .....             | 35        | 259    | 11    | 192    |
| Sanilac .....                | 39        | 379    | 4     | (D)    |
| Schoolcraft .....            | 5         | 22     | 3     | 10     |
| Shiawassee .....             | 46        | 531    | 21    | 208    |
| Tuscola .....                | 47        | 373    | 10    | 141    |
| Van Buren .....              | 50        | 492    | 18    | 131    |

-continued

**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                        | Inventory |        | Sold  |        |
|--|-----------|--------|-------|--------|
|  | Farms     | Number | Farms | Number |
| <b>GOATS, ALL - Con.</b>               |           |        |       |        |
| <b>Counties, 2002 - Con.</b>           |           |        |       |        |
| Washtenaw .....                        | 78        | 651    | 19    | 135    |
| Wayne .....                            | 13        | 367    | 9     | 147    |
| Wexford .....                          | 22        | 191    | 5     | 59     |
| <b>MEAT AND OTHER GOATS (SEE TEXT)</b> |           |        |       |        |
| <b>State Total</b>                     |           |        |       |        |
| Michigan ..... 2002                    | 1,601     | 10,785 | 457   | 4,691  |
| Michigan ..... 1997                    | 1,166     | 5,909  | 310   | 2,123  |
| <b>Counties, 2002</b>                  |           |        |       |        |
| Alcona .....                           | 8         | 35     | -     | -      |
| Alger .....                            | 2         | (D)    | -     | -      |
| Allegan .....                          | 53        | 502    | 12    | 121    |
| Alpena .....                           | 9         | 26     | 1     | (D)    |
| Antrim .....                           | 8         | 133    | 2     | (D)    |
| Arenac .....                           | 5         | 12     | -     | -      |
| Baraga .....                           | 2         | (D)    | -     | -      |
| Barry .....                            | 38        | 436    | 10    | (D)    |
| Bay .....                              | 12        | 65     | 4     | (D)    |
| Benzie .....                           | 5         | 73     | 3     | 33     |
| Berrien .....                          | 37        | 232    | 8     | 40     |
| Branch .....                           | 26        | 298    | 10    | 124    |
| Calhoun .....                          | 41        | 306    | 13    | 158    |
| Cass .....                             | 49        | 183    | 7     | 238    |
| Charlevoix .....                       | 11        | 55     | -     | -      |
| Cheboygan .....                        | 9         | 40     | 2     | (D)    |
| Chippewa .....                         | 8         | 93     | 3     | (D)    |
| Clare .....                            | 14        | (D)    | 2     | (D)    |
| Clinton .....                          | 34        | 140    | 12    | (D)    |
| Crawford .....                         | 1         | (D)    | -     | -      |
| Delta .....                            | 1         | (D)    | 1     | (D)    |
| Dickinson .....                        | 2         | (D)    | -     | -      |
| Eaton .....                            | 56        | 185    | 8     | 26     |
| Emmet .....                            | 4         | 5      | -     | -      |
| Genesee .....                          | 45        | 238    | 10    | 46     |
| Gladwin .....                          | 16        | (D)    | 3     | 42     |
| Grand Traverse .....                   | 8         | (D)    | 2     | (D)    |
| Gratiot .....                          | 24        | 107    | 5     | 22     |
| Hillsdale .....                        | 42        | 312    | 11    | 79     |
| Houghton .....                         | 13        | 44     | 3     | (D)    |
| Huron .....                            | 14        | 64     | 1     | (D)    |
| Ingham .....                           | 35        | (D)    | 6     | 45     |
| Ionia .....                            | 31        | 129    | 8     | 53     |
| Iosco .....                            | 17        | 76     | -     | -      |
| Iron .....                             | 2         | (D)    | -     | -      |
| Isabella .....                         | 14        | 62     | 3     | (D)    |
| Jackson .....                          | 63        | 531    | 21    | 224    |
| Kalamazoo .....                        | 33        | 235    | 4     | 11     |
| Kalkaska .....                         | 4         | (D)    | 1     | (D)    |
| Kent .....                             | 33        | 137    | 12    | 51     |
| Lake .....                             | 9         | 32     | 3     | 8      |
| Lapeer .....                           | 43        | 349    | 11    | 334    |
| Leelanau .....                         | 8         | (D)    | 3     | (D)    |
| Lenawee .....                          | 43        | 258    | 20    | 517    |
| Livingston .....                       | 37        | 296    | 21    | 158    |
| Mackinac .....                         | 5         | 9      | 1     | (D)    |
| Macomb .....                           | 11        | (D)    | 3     | 3      |
| Manistee .....                         | 9         | 87     | 6     | 24     |
| Marquette .....                        | 12        | (D)    | 4     | (D)    |
| Mason .....                            | 8         | (D)    | 9     | (D)    |
| Mecosta .....                          | 17        | 134    | 4     | 61     |
| Menominee .....                        | 2         | (D)    | 1     | (D)    |
| Midland .....                          | 19        | 379    | 7     | 90     |
| Missaukee .....                        | 9         | 43     | 5     | 16     |
| Monroe .....                           | 44        | (D)    | 19    | 106    |
| Montcalm .....                         | 31        | (D)    | 4     | 51     |
| Montmorency .....                      | 8         | 27     | 4     | 14     |
| Muskegon .....                         | 25        | 94     | 4     | 34     |
| Newaygo .....                          | 28        | 128    | 11    | 27     |
| Oakland .....                          | 29        | 85     | 6     | (D)    |
| Oceana .....                           | 16        | 76     | 8     | 65     |
| Ogemaw .....                           | 4         | (D)    | 2     | (D)    |
| Oscoda .....                           | 17        | 114    | 8     | 39     |
| Otsego .....                           | 2         | (D)    | -     | -      |
| Ottawa .....                           | 2         | (D)    | -     | -      |
| Presque Isle .....                     | 25        | 201    | 16    | (D)    |
| Saginaw .....                          | 6         | (D)    | 2     | (D)    |
| St. Clair .....                        | 23        | 134    | 7     | (D)    |
| St. Joseph .....                       | 39        | 244    | 8     | 154    |
| Sanilac .....                          | 23        | 115    | 10    | 173    |
| Schoolcraft .....                      | 28        | 169    | 2     | (D)    |
| Shiawassee .....                       | 4         | (D)    | 3     | 10     |
| Tuscola .....                          | 28        | (D)    | 11    | 108    |
| Van Buren .....                        | 36        | 223    | 8     | 77     |
| Washtenaw .....                        | 35        | 317    | 11    | 97     |
| Wayne .....                            | 62        | 514    | 16    | 117    |
| Wexford .....                          | 13        | 317    | 8     | 140    |
|  | 12        | 120    | 3     | (D)    |

-continued

**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                   | Inventory    |             | Sold           |            |
|-----------------------------------|--------------|-------------|----------------|------------|
|                                   | Farms        | Number      | Farms          | Number     |
| <b>LLAMAS</b>                     |              |             |                |            |
| <b>State Total</b>                |              |             |                |            |
| Michigan .....                    | 2002<br>1997 | 470<br>(NA) | 3,789<br>(NA)  | 91<br>(NA) |
| <b>Counties, 2002</b>             |              |             |                |            |
| Alcona .....                      |              | 1           | (D)            | -          |
| Allegan .....                     |              | 10          | 64             | -          |
| Alpena .....                      |              | 5           | 66             | 2          |
| Antrim .....                      |              | 8           | 22             | -          |
| Barry .....                       |              | 15          | 100            | 1          |
| Benzie .....                      |              | 1           | (D)            | -          |
| Berrien .....                     |              | 21          | 155            | 5          |
| Branch .....                      |              | 3           | 15             | -          |
| Calhoun .....                     |              | 10          | 17             | -          |
| Cass .....                        |              | 10          | 120            | 3          |
| Charlevoix .....                  |              | 10          | 131            | 3          |
| Cheboygan .....                   |              | 1           | (D)            | -          |
| Chippewa .....                    |              | 3           | 9              | -          |
| Clare .....                       |              | 7           | 11             | -          |
| Clinton .....                     |              | 13          | 65             | -          |
| Crawford .....                    |              | 4           | 66             | -          |
| Delta .....                       |              | 3           | 5              | -          |
| Dickinson .....                   |              | 3           | 9              | 2          |
| Eaton .....                       |              | 17          | 89             | 5          |
| Genesee .....                     |              | 9           | 79             | 1          |
| Gladwin .....                     |              | 2           | (D)            | 1          |
| Gogebic .....                     |              | 3           | 126            | -          |
| Grand Traverse .....              |              | 3           | 18             | 2          |
| Gratiot .....                     |              | 4           | 30             | 3          |
| Hillsdale .....                   |              | 14          | 61             | -          |
| Houghton .....                    |              | 1           | (D)            | -          |
| Huron .....                       |              | 6           | 44             | 2          |
| Ingham .....                      |              | 11          | 97             | 4          |
| Ionia .....                       |              | 4           | 8              | -          |
| Iosco .....                       |              | 5           | 13             | -          |
| Jackson .....                     |              | 18          | 144            | 3          |
| Kalamazoo .....                   |              | 5           | 23             | 1          |
| Kalkaska .....                    |              | 1           | (D)            | -          |
| Kent .....                        |              | 11          | 115            | 3          |
| Lapeer .....                      |              | 3           | 5              | 2          |
| Leelanau .....                    |              | 9           | 115            | 3          |
| Lenawee .....                     |              | 12          | 290            | 5          |
| Livingston .....                  |              | 11          | 112            | 2          |
| Mackinac .....                    |              | 4           | 12             | -          |
| Macomb .....                      |              | 3           | (D)            | -          |
| Manistee .....                    |              | 2           | (D)            | -          |
| Marquette .....                   |              | 6           | 12             | -          |
| Mason .....                       |              | 2           | (D)            | -          |
| Mecosta .....                     |              | 7           | 41             | 3          |
| Menominee .....                   |              | 2           | (D)            | -          |
| Midland .....                     |              | 5           | 18             | 1          |
| Monroe .....                      |              | 7           | 307            | 5          |
| Montcalm .....                    |              | 3           | 4              | -          |
| Montmorency .....                 |              | 1           | (D)            | -          |
| Muskegon .....                    |              | 1           | (D)            | 1          |
| Newaygo .....                     |              | 6           | 32             | -          |
| Oakland .....                     |              | 11          | 88             | -          |
| Oceana .....                      |              | -           | -              | -          |
| Ogemaw .....                      |              | 3           | (D)            | 2          |
| Ontonagon .....                   |              | 6           | 54             | -          |
| Osceola .....                     |              | 12          | 51             | 1          |
| Oscola .....                      |              | 1           | (D)            | -          |
| Otsego .....                      |              | 1           | (D)            | -          |
| Ottawa .....                      |              | 9           | 141            | 2          |
| Presque Isle .....                |              | 4           | 13             | 2          |
| Saginaw .....                     |              | 4           | 108            | -          |
| St. Clair .....                   |              | 18          | 85             | 7          |
| St. Joseph .....                  |              | 9           | 44             | 2          |
| Sanilac .....                     |              | 4           | 10             | -          |
| Shiawassee .....                  |              | 15          | 200            | 8          |
| Tuscola .....                     |              | 13          | 46             | -          |
| Van Buren .....                   |              | 6           | 25             | 1          |
| Washtenaw .....                   |              | 22          | 135            | 2          |
| Wayne .....                       |              | 6           | (D)            | -          |
| <b>MULES, BURROS, AND DONKEYS</b> |              |             |                |            |
| <b>State Total</b>                |              |             |                |            |
| Michigan .....                    | 2002<br>1997 | 545<br>605  | 1,676<br>1,674 | 82<br>84   |
| <b>Counties, 2002</b>             |              |             |                |            |
| Alger .....                       |              | 5           | (D)            | -          |
| Allegan .....                     |              | 11          | 19             | 3          |
| Alpena .....                      |              | 4           | 10             | -          |
| Antrim .....                      |              | 6           | 7              | -          |
| Barry .....                       |              | 19          | 40             | 6          |
| Bay .....                         |              | 4           | 8              | -          |
| Berrien .....                     |              | 9           | 43             | 1          |
| Branch .....                      |              | 11          | 28             | 5          |

-continued

**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                          | Inventory |        | Sold   |        |
|--|-----------|--------|--------|--------|
|  | Farms     | Number | Farms  | Number |
| <b>MULES, BURROS, AND DONKEYS - Con.</b> |           |        |        |        |
| <b>Counties, 2002 - Con.</b>             |           |        |        |        |
| Calhoun                                  | 11        | 12     | -      | -      |
| Cass                                     | 22        | 125    | 2      | (D)    |
| Charlevoix                               | 2         | (D)    | -      | -      |
| Cheboygan                                | 6         | 9      | -      | -      |
| Chippewa                                 | 4         | 7      | -      | -      |
| Clare                                    | 2         | (D)    | 3      | (D)    |
| Clinton                                  | 9         | 41     | 3      | 7      |
| Delta                                    | 2         | (D)    | -      | -      |
| Eaton                                    | 30        | 51     | 2      | (D)    |
| Genesee                                  | 12        | 20     | 1      | (D)    |
| Gladwin                                  | 8         | 20     | -      | -      |
| Gratiot                                  | 5         | 16     | -      | -      |
| Hillsdale                                | 9         | 47     | 1      | (D)    |
| Huron                                    | 1         | (D)    | 1      | (D)    |
| Ingham                                   | 22        | 45     | 2      | (D)    |
| Ionia                                    | 4         | 11     | -      | -      |
| Iosco                                    | 9         | 17     | 1      | (D)    |
| Isabella                                 | 7         | 14     | 1      | (D)    |
| Jackson                                  | 13        | 54     | 2      | (D)    |
| Kalamazoo                                | 12        | 26     | -      | -      |
| Kalkaska                                 | 3         | 5      | -      | -      |
| Kent                                     | 9         | 36     | 1      | (D)    |
| Lake                                     | 4         | (D)    | -      | -      |
| Lapeer                                   | 18        | 47     | 2      | (D)    |
| Leelanau                                 | 4         | 6      | -      | -      |
| Lenawee                                  | 5         | 24     | -      | -      |
| Livingston                               | 18        | 101    | 6      | 20     |
| Macomb                                   | 5         | 11     | -      | -      |
| Manistee                                 | 1         | (D)    | -      | -      |
| Marquette                                | 5         | 10     | -      | -      |
| Mason                                    | 7         | 12     | 1      | (D)    |
| Mecosta                                  | 7         | (D)    | -      | -      |
| Menominee                                | 1         | (D)    | -      | -      |
| Midland                                  | 4         | 13     | -      | -      |
| Missaukee                                | 4         | 14     | 2      | (D)    |
| Monroe                                   | 11        | 49     | -      | -      |
| Montcalm                                 | 11        | 94     | 1      | (D)    |
| Montmorency                              | 6         | 17     | -      | -      |
| Muskegon                                 | 6         | 12     | -      | -      |
| Newaygo                                  | 12        | 45     | -      | -      |
| Oakland                                  | 10        | 92     | 3      | 15     |
| Oceana                                   | 2         | (D)    | -      | -      |
| Ogemaw                                   | 3         | (D)    | 1      | (D)    |
| Chitonagon                               | 2         | (D)    | -      | -      |
| Osceola                                  | 12        | 25     | 5      | (D)    |
| Oscoda                                   | 2         | (D)    | 2      | (D)    |
| Otsego                                   | 2         | (D)    | 2      | (D)    |
| Ottawa                                   | 12        | 50     | 3      | 16     |
| Presque Isle                             | 1         | (D)    | -      | -      |
| Saginaw                                  | 6         | 14     | 2      | (D)    |
| St. Clair                                | 10        | 48     | 4      | 45     |
| St. Joseph                               | 9         | 54     | -      | -      |
| Sanilac                                  | 6         | 10     | -      | -      |
| Schoolcraft                              | 4         | 6      | -      | -      |
| Shiawassee                               | 10        | 25     | 6      | 19     |
| Tuscola                                  | 7         | 15     | 1      | (D)    |
| Van Buren                                | 11        | 16     | 2      | (D)    |
| Washtenaw                                | 19        | 37     | 3      | 4      |
| Wayne                                    | 12        | 15     | -      | -      |
| Wexford                                  | 5         | 11     | -      | -      |
| <b>RABBITS AND THEIR PELTS</b>           |           |        |        |        |
| <b>State Total</b>                       |           |        |        |        |
| Michigan                                 | 2002      | 596    | 16,762 | 225    |
|  | 1997      | 837    | 12,512 | 226    |
|  |           |        |        | 25,935 |
|  |           |        |        | 11,835 |
| <b>Counties, 2002</b>                    |           |        |        |        |
| Alcona                                   | 7         | 149    | 3      | 40     |
| Alger                                    | -         | -      | 1      | (D)    |
| Allegan                                  | 13        | 41     | 7      | 129    |
| Alpena                                   | 11        | 107    | 3      | 23     |
| Antrim                                   | 5         | (D)    | 2      | (D)    |
| Arenac                                   | 1         | (D)    | 1      | (D)    |
| Barry                                    | 8         | (D)    | 2      | (D)    |
| Bay                                      | 9         | 103    | 1      | (D)    |
| Benzie                                   | 1         | (D)    | 1      | (D)    |
| Berrien                                  | 6         | 104    | 4      | 149    |
| Branch                                   | 8         | 42     | 5      | 66     |
| Calhoun                                  | 22        | 158    | 10     | 102    |
| Cass                                     | 10        | 177    | 4      | 236    |
| Charlevoix                               | 3         | 9      | 1      | (D)    |
| Cheboygan                                | 3         | 21     | -      | -      |
| Chippewa                                 | 2         | (D)    | -      | -      |
| Clare                                    | 6         | 113    | 3      | 58     |
| Clinton                                  | 10        | 54     | 1      | (D)    |
| Crawford                                 | 6         | 69     | 1      | (D)    |
| Delta                                    | 5         | 138    | -      | -      |
| Dickinson                                | 1         | (D)    | -      | -      |

-continued

**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                       | Inventory |        | Sold  |        |
|---------------------------------------|-----------|--------|-------|--------|
|                                       | Farms     | Number | Farms | Number |
| <b>RABBITS AND THEIR PELTS - Con.</b> |           |        |       |        |
| <b>Counties, 2002 - Con.</b>          |           |        |       |        |
| Eaton . . . . .                       | 20        | 378    | 3     | 30     |
| Emmet . . . . .                       | 4         | 16     | -     | -      |
| Genesee . . . . .                     | 17        | 242    | 4     | 250    |
| Gladwin . . . . .                     | 6         | 140    | 3     | 55     |
| Grand Traverse . . . . .              | 7         | 67     | 3     | 213    |
| Gratiot . . . . .                     | 9         | 209    | 3     | 253    |
| Hillsdale . . . . .                   | 12        | 378    | 5     | (D)    |
| Houghton . . . . .                    | 6         | 26     | 2     | (D)    |
| Huron . . . . .                       | 2         | (D)    | -     | -      |
| Ingham . . . . .                      | 9         | 169    | 4     | 66     |
| Ionia . . . . .                       | 14        | (D)    | 8     | (D)    |
| Iosco . . . . .                       | 10        | 106    | 3     | 22     |
| Iron . . . . .                        | 6         | 19     | 1     | (D)    |
| Isabella . . . . .                    | 6         | 65     | -     | (D)    |
| Jackson . . . . .                     | 12        | 214    | 5     | (D)    |
| Kalamazoo . . . . .                   | 1         | (D)    | -     | -      |
| Kalkaska . . . . .                    | 1         | (D)    | -     | -      |
| Kent . . . . .                        | 1         | (D)    | 1     | (D)    |
| Lake . . . . .                        | 7         | 63     | 4     | 19     |
| Lapeer . . . . .                      | 11        | 223    | 6     | 268    |
| Leelanau . . . . .                    | 1         | (D)    | 1     | (D)    |
| Lenawee . . . . .                     | 5         | 81     | 1     | (D)    |
| Livingston . . . . .                  | 13        | 29     | -     | -      |
| Mackinac . . . . .                    | 3         | 31     | 2     | (D)    |
| Macomb . . . . .                      | 4         | 11     | -     | -      |
| Manistee . . . . .                    | 1         | (D)    | -     | -      |
| Marquette . . . . .                   | 4         | 22     | 1     | (D)    |
| Mason . . . . .                       | 11        | 505    | 4     | 841    |
| Mecosta . . . . .                     | 11        | 248    | 2     | (D)    |
| Menominee . . . . .                   | 5         | 61     | 2     | (D)    |
| Midland . . . . .                     | 5         | 43     | 4     | 14     |
| Missaukee . . . . .                   | 3         | (D)    | 2     | (D)    |
| Monroe . . . . .                      | 14        | 311    | 9     | 385    |
| Montcalm . . . . .                    | 16        | 155    | 6     | 64     |
| Montmorency . . . . .                 | 4         | 14     | -     | -      |
| Muskegon . . . . .                    | 10        | 43     | 3     | 48     |
| Newaygo . . . . .                     | 8         | 217    | 5     | 122    |
| Oakland . . . . .                     | 11        | (D)    | 4     | (D)    |
| Oceana . . . . .                      | 6         | 35     | 3     | (D)    |
| Osceola . . . . .                     | 13        | 150    | 6     | 145    |
| Oscoda . . . . .                      | 5         | 21     | 3     | (D)    |
| Otsego . . . . .                      | 7         | 28     | -     | -      |
| Ottawa . . . . .                      | 13        | 313    | 10    | (D)    |
| Presque Isle . . . . .                | 11        | 338    | 6     | 125    |
| Saginaw . . . . .                     | 13        | 295    | 8     | 604    |
| St. Clair . . . . .                   | 12        | 163    | -     | -      |
| St. Joseph . . . . .                  | 13        | 127    | 6     | 101    |
| Sanilac . . . . .                     | 5         | 157    | 4     | 600    |
| Schoolcraft . . . . .                 | 3         | 23     | 1     | (D)    |
| Shiawassee . . . . .                  | 11        | 119    | 1     | (D)    |
| Tuscola . . . . .                     | 10        | 128    | 5     | 128    |
| Van Buren . . . . .                   | 21        | 148    | 7     | 78     |
| Washtenaw . . . . .                   | 19        | 245    | 8     | 81     |
| Wayne . . . . .                       | 3         | (D)    | 1     | (D)    |
| Wexford . . . . .                     | 4         | (D)    | 3     | 54     |
| <b>OTHER LIVESTOCK (SEE TEXT)</b>     |           |        |       |        |
| <b>State Total</b>                    |           |        |       |        |
| Michigan . . . . .                    | 2002      | 147    | (X)   | 49     |
|                                       | 1997      | (NA)   | (NA)  | (NA)   |
| <b>Counties, 2002</b>                 |           |        |       |        |
| Allagan . . . . .                     |           | 4      | (X)   | 2      |
| Alpena . . . . .                      |           | 7      | (X)   | (X)    |
| Arenac . . . . .                      |           | 1      | (X)   | (X)    |
| Barry . . . . .                       |           | 5      | (X)   | (X)    |
| Berrien . . . . .                     |           | 4      | (X)   | (X)    |
| Branch . . . . .                      |           | 2      | (X)   | (X)    |
| Clinton . . . . .                     |           | 4      | (X)   | (X)    |
| Dickinson . . . . .                   |           | 2      | (X)   | (X)    |
| Eaton . . . . .                       |           | 1      | (X)   | (X)    |
| Emmet . . . . .                       |           | 1      | (X)   | (X)    |
| Genesee . . . . .                     |           | 3      | (X)   | -      |
| Grand Traverse . . . . .              |           | 4      | (X)   | (X)    |
| Gratiot . . . . .                     |           | 1      | (X)   | (X)    |
| Hillsdale . . . . .                   |           | 2      | (X)   | (X)    |
| Huron . . . . .                       |           | 2      | (X)   | (X)    |
| Ionia . . . . .                       |           | 4      | (X)   | (X)    |
| Iosco . . . . .                       |           | 3      | (X)   | (X)    |
| Jackson . . . . .                     |           | 3      | (X)   | (X)    |
| Kalamazoo . . . . .                   |           | 3      | (X)   | (X)    |
| Kent . . . . .                        |           | 7      | (X)   | 4      |
| Leelanau . . . . .                    |           | 3      | (X)   | 3      |
| Lenawee . . . . .                     |           | 3      | (X)   | 1      |
| Livingston . . . . .                  |           | 1      | (X)   | (X)    |
| Macomb . . . . .                      |           | 4      | (X)   | (X)    |
| Marquette . . . . .                   |           | 1      | (X)   | (X)    |

-continued

**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                          | Inventory |        | Sold  |        |
|--|-----------|--------|-------|--------|
|  | Farms     | Number | Farms | Number |
| <b>OTHER LIVESTOCK (SEE TEXT) - Con.</b> |           |        |       |        |
| <b>Counties, 2002 - Con.</b>             |           |        |       |        |
| Mecosta .....                            | 1         | (X)    | 1     | (X)    |
| Menominee .....                          | 1         | (X)    | -     | (X)    |
| Midland .....                            | 2         | (X)    | 2     | (X)    |
| Missaukee .....                          | 2         | (X)    | 1     | (X)    |
| Monroe .....                             | 4         | (X)    | -     | (X)    |
| Montcalm .....                           | 6         | (X)    | -     | (X)    |
| Montmorency .....                        | 1         | (X)    | -     | (X)    |
| Oakland .....                            | 4         | (X)    | -     | (X)    |
| Ogemaw .....                             | 1         | (X)    | -     | (X)    |
| Oscceola .....                           | 4         | (X)    | 2     | (X)    |
| Ottawa .....                             | 3         | (X)    | -     | (X)    |
| Presque Isle .....                       | 5         | (X)    | -     | (X)    |
| St. Clair .....                          | 8         | (X)    | 2     | (X)    |
| St. Joseph .....                         | 5         | (X)    | 5     | (X)    |
| Sanilac .....                            | 2         | (X)    | -     | (X)    |
| Shiawassee .....                         | 4         | (X)    | -     | (X)    |
| Tuscola .....                            | 2         | (X)    | -     | (X)    |
| Van Buren .....                          | 4         | (X)    | -     | (X)    |
| Washtenaw .....                          | 7         | (X)    | -     | (X)    |
| Wayne .....                              | 1         | (X)    | -     | (X)    |
| Wexford .....                            | 1         | (X)    | 1     | (X)    |

**Table 23. Selected Crops Harvested: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Michigan                  | Alcona                             | Alger               | Allegan            | Alpena                     | Antrim                 | Arenac                 |
|------------------------------------|---------------------------|------------------------------------|---------------------|--------------------|----------------------------|------------------------|------------------------|
| Harvested cropland .....           | farms<br>acres            | 38,244<br>6,827,903                | 180<br>18,505       | 48<br>5,577        | 1,147<br>173,538           | 373<br>36,063          | 282<br>22,106          |
| Irrigated .....                    | farms<br>acres            | 4,244<br>453,968                   | 8<br>(D)            | 4<br>44            | 184<br>15,277              | 12<br>252              | 55<br>(D)              |
| Corn for grain .....               | farms<br>acres<br>bushels | 13,613<br>2,007,021<br>234,709,542 | 14<br>395<br>32,721 | 1<br>(D)           | 347<br>62,792<br>7,822,736 | 58<br>4,296<br>476,672 | 46<br>2,713<br>302,628 |
| Irrigated .....                    | farms<br>acres            | 857<br>180,261                     | -                   | -                  | 25<br>4,290                | 1<br>(D)               | -<br>(D)               |
| Farms by acres harvested:          |                           |                                    |                     |                    |                            |                        |                        |
| 1 to 24 acres .....                |                           | 3,908                              | 7                   | 1                  | 102                        | 21                     | 22                     |
| 25 to 99 acres .....               |                           | 4,694                              | 7                   | -                  | 100                        | 21                     | 15                     |
| 100 to 249 acres .....             |                           | 2,770                              | -                   | -                  | 77                         | 12                     | 7                      |
| 250 to 499 acres .....             |                           | 1,318                              | -                   | -                  | 36                         | 4                      | 1                      |
| 500 acres or more .....            |                           | 923                                | -                   | -                  | 32                         | -                      | 3                      |
| 500 to 999 acres .....             |                           | 667                                | -                   | -                  | 23                         | -                      | 1                      |
| 1,000 acres or more .....          |                           | 256                                | -                   | -                  | 9                          | -                      | 3                      |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 3,362<br>233,601<br>3,447,251      | 12<br>770<br>9,677  | 6<br>165<br>1,923  | 110<br>12,705<br>204,866   | 28<br>848<br>12,453    | 22<br>952<br>11,589    |
| Irrigated .....                    | farms<br>acres            | 125<br>9,918                       | -                   | -                  | 3<br>358                   | 2<br>(D)               | -<br>(D)               |
| Farms by acres harvested:          |                           |                                    |                     |                    |                            |                        |                        |
| 1 to 24 acres .....                |                           | 1,365                              | 5                   | 4                  | 36                         | 14                     | 11                     |
| 25 to 99 acres .....               |                           | 1,348                              | 4                   | 2                  | 40                         | 13                     | 8                      |
| 100 to 249 acres .....             |                           | 493                                | 3                   | -                  | 20                         | 1                      | 3                      |
| 250 to 499 acres .....             |                           | 94                                 | -                   | -                  | 8                          | -                      | -                      |
| 500 acres or more .....            |                           | 62                                 | -                   | -                  | 6                          | -                      | -                      |
| 500 to 999 acres .....             |                           | 45                                 | -                   | -                  | 5                          | -                      | -                      |
| 1,000 acres or more .....          |                           | 17                                 | -                   | -                  | 1                          | -                      | -                      |
| Sorghum for grain .....            | farms<br>acres<br>bushels | 22<br>559<br>21,255                | -                   | -                  | -                          | 1<br>(D)<br>(D)        | -<br>-                 |
| Irrigated .....                    | farms<br>acres            | 1<br>(D)                           | -                   | -                  | -                          | -                      | -                      |
| Farms by acres harvested:          |                           |                                    |                     |                    |                            |                        |                        |
| 1 to 24 acres .....                |                           | 15                                 | -                   | -                  | -                          | -                      | -                      |
| 25 to 99 acres .....               |                           | 5                                  | -                   | -                  | -                          | 1                      | -                      |
| 100 to 249 acres .....             |                           | 2                                  | -                   | -                  | -                          | -                      | -                      |
| 250 to 499 acres .....             |                           | -                                  | -                   | -                  | -                          | -                      | -                      |
| 500 acres or more .....            |                           | -                                  | -                   | -                  | -                          | -                      | -                      |
| 500 to 999 acres .....             |                           | -                                  | -                   | -                  | -                          | -                      | -                      |
| 1,000 acres or more .....          |                           | -                                  | -                   | -                  | -                          | -                      | -                      |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 6,561<br>433,783<br>28,248,938     | 18<br>780<br>47,237 | 2<br>(D)<br>(D)    | 107<br>6,340<br>375,843    | 36<br>2,507<br>149,305 | 7<br>190<br>11,430     |
| Irrigated .....                    | farms<br>acres            | 81<br>5,396                        | -                   | -                  | 2<br>(D)                   | 1<br>(D)               | -<br>-                 |
| Farms by acres harvested:          |                           |                                    |                     |                    |                            |                        |                        |
| 1 to 24 acres .....                |                           | 2,291                              | 5                   | 2                  | 39                         | 20                     | 4                      |
| 25 to 99 acres .....               |                           | 2,972                              | 12                  | -                  | 54                         | 6                      | 3                      |
| 100 to 249 acres .....             |                           | 1,047                              | 1                   | -                  | 8                          | 9                      | 14                     |
| 250 to 499 acres .....             |                           | 204                                | -                   | -                  | 6                          | 1                      | 4                      |
| 500 acres or more .....            |                           | 47                                 | -                   | -                  | -                          | -                      | -                      |
| 500 to 999 acres .....             |                           | 42                                 | -                   | -                  | -                          | -                      | -                      |
| 1,000 acres or more .....          |                           | 5                                  | -                   | -                  | -                          | -                      | -                      |
| Barley for grain .....             | farms<br>acres<br>bushels | 400<br>11,620<br>576,461           | 2<br>(D)<br>(D)     | 8<br>290<br>10,208 | 5<br>113<br>4,400          | 13<br>302<br>14,073    | 1<br>(D)<br>(D)        |
| Irrigated .....                    | farms<br>acres            | 7<br>63                            | -                   | -                  | -                          | -                      | -                      |
| Farms by acres harvested:          |                           |                                    |                     |                    |                            |                        |                        |
| 1 to 24 acres .....                |                           | 256                                | 2                   | 5                  | 4                          | 10                     | 1                      |
| 25 to 99 acres .....               |                           | 124                                | -                   | 2                  | 1                          | 3                      | 3                      |
| 100 to 249 acres .....             |                           | 17                                 | -                   | 1                  | -                          | -                      | -                      |
| 250 to 499 acres .....             |                           | 3                                  | -                   | -                  | -                          | -                      | -                      |
| 500 acres or more .....            |                           | -                                  | -                   | -                  | -                          | -                      | -                      |
| 500 to 999 acres .....             |                           | -                                  | -                   | -                  | -                          | -                      | -                      |
| 1,000 acres or more .....          |                           | -                                  | -                   | -                  | -                          | -                      | -                      |
| Oats for grain .....               | farms<br>acres<br>bushels | 2,756<br>63,485<br>3,994,940       | 16<br>549<br>37,139 | 3<br>(D)<br>(D)    | 51<br>975<br>59,786        | 58<br>1,845<br>110,651 | 17<br>460<br>33,095    |
| Irrigated .....                    | farms<br>acres            | 32<br>519                          | -                   | -                  | -                          | 1<br>(D)               | 4<br>204               |
| Farms by acres harvested:          |                           |                                    |                     |                    |                            |                        |                        |
| 1 to 24 acres .....                |                           | 1,972                              | 8                   | 2                  | 42                         | 38                     | 11                     |
| 25 to 99 acres .....               |                           | 706                                | 7                   | 1                  | 7                          | 16                     | 5                      |
| 100 to 249 acres .....             |                           | 75                                 | 1                   | -                  | 2                          | 4                      | 1                      |
| 250 to 499 acres .....             |                           | 2                                  | -                   | -                  | -                          | -                      | -                      |
| 500 acres or more .....            |                           | 1                                  | -                   | -                  | -                          | -                      | -                      |
| 500 to 999 acres .....             |                           | 1                                  | -                   | -                  | -                          | -                      | -                      |
| 1,000 acres or more .....          |                           | -                                  | -                   | -                  | -                          | -                      | -                      |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 91<br>2,275<br>3,381,523           | -                   | -                  | -                          | 4<br>(D)<br>(D)        | 2<br>(D)<br>273,000    |
| Irrigated .....                    | farms<br>acres            | 3<br>(D)                           | -                   | -                  | -                          | 1<br>(D)               | 1<br>(D)               |
| Farms by acres harvested:          |                           |                                    |                     |                    |                            |                        |                        |
| 1 to 24 acres .....                |                           | 78                                 | -                   | -                  | -                          | 3                      | 2                      |
| 25 to 99 acres .....               |                           | 8                                  | -                   | -                  | -                          | -                      | 4                      |
| 100 to 249 acres .....             |                           | 4                                  | -                   | -                  | -                          | -                      | -                      |
| 250 to 499 acres .....             |                           | 1                                  | -                   | -                  | -                          | -                      | -                      |
| 500 acres or more .....            |                           | -                                  | -                   | -                  | -                          | -                      | -                      |
| 500 to 999 acres .....             |                           | -                                  | -                   | -                  | -                          | -                      | -                      |
| 1,000 acres or more .....          |                           | -                                  | -                   | -                  | -                          | -                      | -                      |

--continued

**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Baraga                    | Barry         | Bay                | Benzie           | Berrien       | Branch             | Calhoun             |                    |
|------------------------------------|---------------------------|---------------|--------------------|------------------|---------------|--------------------|---------------------|--------------------|
| Harvested cropland .....           | farms<br>acres            | 57<br>5,700   | 657<br>102,161     | 649<br>157,550   | 127<br>7,821  | 898<br>128,235     | 717<br>173,905      | 842<br>168,976     |
| Irrigated .....                    | farms<br>acres            | 3<br>(D)      | 41<br>2,665        | 58<br>3,611      | 24<br>461     | 221<br>19,149      | 138<br>(D)          | 68<br>10,340       |
| Corn for grain .....               | farms<br>acres            | 2<br>(D)      | 192<br>33,435      | 349<br>46,660    | 23<br>819     | 240<br>41,376      | 373<br>77,231       | 421<br>65,608      |
| Irrigated .....                    | bushels<br>farms<br>acres | (D)<br>-      | 3,906,114<br>1,131 | 6,189,785<br>397 | 72,124<br>(D) | 4,866,156<br>6,522 | 8,941,042<br>23,160 | 7,038,468<br>5,864 |
| Farms by acres harvested:          |                           |               |                    |                  |               |                    |                     |                    |
| 1 to 24 acres .....                |                           | 1             | 52                 | 99               | 18            | 61                 | 93                  | 99                 |
| 25 to 99 acres .....               |                           | -             | 70                 | 114              | 3             | 82                 | 112                 | 149                |
| 100 to 249 acres .....             |                           | 1             | 30                 | 79               | 1             | 52                 | 83                  | 97                 |
| 250 to 499 acres .....             |                           | -             | 19                 | 36               | 1             | 27                 | 40                  | 44                 |
| 500 acres or more .....            |                           | -             | 21                 | 21               | -             | 18                 | 27                  | 32                 |
| 500 to 999 acres .....             |                           | -             | 17                 | 18               | -             | 12                 | 27                  | 23                 |
| 1,000 acres or more .....          |                           | -             | 4                  | 3                | -             | 6                  | 18                  | 9                  |
| Corn for silage or greenchop ..... | farms<br>acres            | 1<br>(D)      | 45<br>6,907        | 18<br>1,035      | 16<br>533     | 17<br>1,392        | 42<br>1,916         | 60<br>3,560        |
| Irrigated .....                    | tons<br>farms<br>acres    | (D)<br>-      | 109,939            | 12,909           | 4,015         | 21,480             | 28,426              | 50,039             |
| Farms by acres harvested:          |                           |               |                    |                  |               |                    |                     |                    |
| 1 to 24 acres .....                |                           | 1             | 15                 | 5                | 8             | 9                  | 21                  | 31                 |
| 25 to 99 acres .....               |                           | -             | 11                 | 9                | 7             | 6                  | 15                  | 20                 |
| 100 to 249 acres .....             |                           | -             | 12                 | 4                | 1             | 1                  | 6                   | 6                  |
| 250 to 499 acres .....             |                           | -             | 4                  | -                | -             | -                  | -                   | 2                  |
| 500 acres or more .....            |                           | -             | 3                  | -                | -             | 1                  | -                   | 1                  |
| 500 to 999 acres .....             |                           | -             | 1                  | -                | -             | 1                  | -                   | 1                  |
| 1,000 acres or more .....          |                           | -             | 2                  | -                | -             | -                  | -                   | -                  |
| Sorghum for grain .....            | farms<br>acres            | -<br>(D)      | 1<br>(D)           | -<br>-           | -<br>-        | -<br>-             | -<br>-              | -<br>-             |
| Irrigated .....                    | bushels<br>farms<br>acres | -<br>(D)<br>- | 513                | -<br>(D)         | -<br>(D)      | -<br>(D)           | 584                 | -<br>(D)           |
| Farms by acres harvested:          |                           |               |                    |                  |               |                    |                     |                    |
| 1 to 24 acres .....                |                           | 1             | -                  | -                | -             | -                  | -                   | -                  |
| 25 to 99 acres .....               |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 100 to 249 acres .....             |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 250 to 499 acres .....             |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 500 acres or more .....            |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 500 to 999 acres .....             |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 1,000 acres or more .....          |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| Wheat for grain, All .....         | farms<br>acres            | -<br>6,001    | 79<br>355,872      | 168<br>574,597   | 4<br>24       | 67<br>2,617        | 109<br>4,612        | 184<br>12,605      |
| Irrigated .....                    | bushels<br>farms<br>acres | -<br>-        | 355,872            | 574,597          | 815           | 143,002            | 234,338             | 700,058            |
| Farms by acres harvested:          |                           |               |                    |                  |               |                    |                     |                    |
| 1 to 24 acres .....                |                           | -             | 21                 | 69               | 4             | 34                 | 47                  | 53                 |
| 25 to 99 acres .....               |                           | -             | 39                 | 81               | -             | 29                 | 50                  | 85                 |
| 100 to 249 acres .....             |                           | -             | 15                 | 15               | -             | 3                  | 12                  | 43                 |
| 250 to 499 acres .....             |                           | -             | 3                  | 2                | -             | 1                  | -                   | 2                  |
| 500 acres or more .....            |                           | -             | 1                  | 1                | -             | -                  | -                   | 1                  |
| 500 to 999 acres .....             |                           | -             | 1                  | 1                | -             | -                  | -                   | 1                  |
| 1,000 acres or more .....          |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| Barley for grain .....             | farms<br>acres            | 3<br>(D)      | 4<br>53            | 5<br>108         | -<br>-        | -<br>-             | 1<br>(D)            | 3<br>24            |
| Irrigated .....                    | bushels<br>farms<br>acres | (D)<br>-      | 2,235              | 5,548            | -<br>-        | -<br>-             | -<br>(D)            | -<br>1,100         |
| Farms by acres harvested:          |                           |               |                    |                  |               |                    |                     |                    |
| 1 to 24 acres .....                |                           | 1             | 4                  | 3                | -             | -                  | -                   | 3                  |
| 25 to 99 acres .....               |                           | 1             | -                  | 2                | -             | -                  | 1                   | -                  |
| 100 to 249 acres .....             |                           | 1             | -                  | -                | -             | -                  | -                   | -                  |
| 250 to 499 acres .....             |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 500 acres or more .....            |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 500 to 999 acres .....             |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 1,000 acres or more .....          |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| Oats for grain .....               | farms<br>acres            | 10<br>292     | 29<br>639          | 30<br>455        | 5<br>37       | 11<br>111          | 28<br>336           | 43<br>794          |
| Irrigated .....                    | bushels<br>farms<br>acres | 15,279        | 38,754             | 39,242           | 1,051         | 6,488              | 19,548              | 45,854             |
| Farms by acres harvested:          |                           |               |                    |                  |               |                    |                     |                    |
| 1 to 24 acres .....                |                           | 7             | 20                 | 24               | 5             | 11                 | 26                  | 36                 |
| 25 to 99 acres .....               |                           | 3             | 8                  | 6                | -             | -                  | 2                   | 7                  |
| 100 to 249 acres .....             |                           | -             | 1                  | -                | -             | -                  | -                   | -                  |
| 250 to 499 acres .....             |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 500 acres or more .....            |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 500 to 999 acres .....             |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 1,000 acres or more .....          |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| Sunflower seed, All .....          | farms<br>acres            | 1<br>(D)      | -<br>(D)           | 2<br>(D)         | 2<br>(D)      | 3<br>4             | 4<br>115            | -<br>(D)           |
| Irrigated .....                    | pounds<br>farms<br>acres  | (D)<br>-      | -<br>-             | -<br>-           | -<br>-        | -<br>-             | -<br>-              | -<br>-             |
| Farms by acres harvested:          |                           |               |                    |                  |               |                    |                     |                    |
| 1 to 24 acres .....                |                           | 1             | -                  | 2                | 2             | 3                  | 3                   | -                  |
| 25 to 99 acres .....               |                           | -             | -                  | -                | -             | -                  | 1                   | -                  |
| 100 to 249 acres .....             |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 250 to 499 acres .....             |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 500 acres or more .....            |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 500 to 999 acres .....             |                           | -             | -                  | -                | -             | -                  | -                   | -                  |
| 1,000 acres or more .....          |                           | -             | -                  | -                | -             | -                  | -                   | -                  |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Cass  | Charlevoix                          | Cheboygan             | Chippewa              | Clare                 | Clinton               | Crawford                   |
|------------------------------------|---|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|
| Harvested cropland .....           | farms<br>acres                              | 581<br>130,854                      | 226<br>14,087         | 211<br>17,413         | 285<br>34,734         | 296<br>25,565         | 884<br>200,538             |
| Irrigated .....                    | farms<br>(D)                                | 104<br>251                          | 21<br>36              | 24<br>12              | 11<br>1               | 13<br>789             | 45<br>3,230                |
| Corn for grain .....               | farms<br>bushels<br>acres                   | 58,243<br>6,664,895<br>49<br>14,843 | 1,613<br>167,694      | 409<br>41,670         | (D)<br>(D)            | 2,180<br>222,942      | 56,992<br>6,503,642        |
| Irrigated .....                    | farms<br>acres                              | -                                   | -                     | -                     | -                     | -                     | 1<br>(D)                   |
| Farms by acres harvested:          |   |                                     |                       |                       |                       |                       |                            |
| 1 to 24 acres .....                |   | 56                                  | 24                    | 9                     | 1                     | 28                    | 116                        |
| 25 to 99 acres .....               |   | 65                                  | 6                     | 2                     | -                     | 13                    | 170                        |
| 100 to 249 acres .....             |   | 63                                  | 5                     | -                     | -                     | 6                     | 72                         |
| 250 to 499 acres .....             |   | 28                                  | 1                     | 1                     | -                     | 1                     | 32                         |
| 500 acres or more .....            |   | 39                                  | -                     | -                     | -                     | -                     | 26                         |
| 500 to 999 acres .....             |   | 27                                  | -                     | -                     | -                     | -                     | 18                         |
| 1,000 acres or more .....          |   | 12                                  | -                     | -                     | -                     | -                     | 8                          |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons                      | 16<br>787<br>10,388                 | 20<br>708<br>11,907   | 7<br>548<br>3,317     | (D)<br>(D)            | 39<br>1,846<br>24,677 | 97<br>12,749<br>206,582    |
| Irrigated .....                    | farms<br>acres<br>(D)                       | 2<br>-                              | -                     | -                     | -                     | 1<br>(D)              | 1<br>(D)                   |
| Farms by acres harvested:          |   |                                     |                       |                       |                       |                       |                            |
| 1 to 24 acres .....                |   | 6                                   | 10                    | 3                     | -                     | 26                    | 21                         |
| 25 to 99 acres .....               |   | 7                                   | 9                     | -                     | 1                     | 9                     | 48                         |
| 100 to 249 acres .....             |   | 3                                   | 1                     | 4                     | -                     | 2                     | 15                         |
| 250 to 499 acres .....             |   | -                                   | -                     | -                     | -                     | 1                     | 4                          |
| 500 acres or more .....            |   | -                                   | -                     | -                     | -                     | 1                     | 9                          |
| 500 to 999 acres .....             |   | -                                   | -                     | -                     | -                     | 1                     | 8                          |
| 1,000 acres or more .....          |   | -                                   | -                     | -                     | -                     | -                     | 1                          |
| Sorghum for grain .....            | farms<br>acres<br>bushels<br>farms<br>acres | -<br>-<br>-<br>-<br>-               | -<br>-<br>-<br>-<br>- | -<br>-<br>-<br>-<br>- | -<br>-<br>-<br>-<br>- | -<br>(D)<br>(D)       | -<br>-<br>-                |
| Irrigated .....                    | -<br>-                                      | -<br>-                              | -<br>-                | -<br>-                | -<br>-                | -<br>-                | -<br>-                     |
| Farms by acres harvested:          |   |                                     |                       |                       |                       |                       |                            |
| 1 to 24 acres .....                |   | -                                   | -                     | -                     | -                     | -                     | 1                          |
| 25 to 99 acres .....               |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 100 to 249 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 250 to 499 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 500 acres or more .....            |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 500 to 999 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 1,000 acres or more .....          |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| Wheat for grain, All .....         | farms<br>acres<br>bushels<br>farms<br>acres | 67<br>3,729<br>182,916              | 7<br>80<br>3,350      | 6<br>161<br>7,290     | 7<br>172<br>6,574     | 26<br>838<br>50,263   | 280<br>18,443<br>1,275,631 |
| Irrigated .....                    | -<br>(D)                                    | 1<br>-                              | -<br>-                | -<br>-                | -<br>-                | -<br>-                | -<br>-                     |
| Farms by acres harvested:          |   |                                     |                       |                       |                       |                       |                            |
| 1 to 24 acres .....                |   | 24                                  | 7                     | 4                     | 5                     | 16                    | 109                        |
| 25 to 99 acres .....               |   | 29                                  | -                     | 2                     | 2                     | 8                     | 116                        |
| 100 to 249 acres .....             |   | 13                                  | -                     | -                     | -                     | 2                     | 42                         |
| 250 to 499 acres .....             |   | 1                                   | -                     | -                     | -                     | -                     | 8                          |
| 500 acres or more .....            |   | -                                   | -                     | -                     | -                     | -                     | 5                          |
| 500 to 999 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | 5                          |
| 1,000 acres or more .....          |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| Barley for grain .....             | farms<br>acres<br>bushels<br>farms<br>acres | 1<br>(D)<br>(D)                     | 3<br>67<br>(D)        | 3<br>72<br>4,364      | 8<br>189<br>5,291     | 1<br>(D)<br>(D)       | 5<br>106<br>(D)            |
| Irrigated .....                    | -<br>-                                      | -<br>-                              | -<br>-                | -<br>-                | -<br>-                | -<br>-                | -<br>-                     |
| Farms by acres harvested:          |   |                                     |                       |                       |                       |                       |                            |
| 1 to 24 acres .....                |   | -                                   | 2                     | 2                     | 6                     | 1                     | 3                          |
| 25 to 99 acres .....               |   | 1                                   | 1                     | 1                     | 2                     | -                     | 2                          |
| 100 to 249 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 250 to 499 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 500 acres or more .....            |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 500 to 999 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 1,000 acres or more .....          |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| Oats for grain .....               | farms<br>acres<br>bushels<br>farms<br>acres | 13<br>293<br>15,015                 | 20<br>469<br>24,864   | 12<br>185<br>8,440    | 43<br>970<br>35,052   | 29<br>460<br>23,479   | 52<br>961<br>71,942        |
| Irrigated .....                    | -<br>-                                      | -<br>-                              | -<br>-                | -<br>-                | 3<br>77               | -<br>-                | -<br>-                     |
| Farms by acres harvested:          |   |                                     |                       |                       |                       |                       |                            |
| 1 to 24 acres .....                |   | 10                                  | 11                    | 9                     | 29                    | 25                    | 40                         |
| 25 to 99 acres .....               |   | 2                                   | 9                     | 3                     | 12                    | 4                     | 12                         |
| 100 to 249 acres .....             |   | 1                                   | -                     | -                     | 2                     | -                     | -                          |
| 250 to 499 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 500 acres or more .....            |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 500 to 999 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 1,000 acres or more .....          |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| Sunflower seed, All .....          | farms<br>acres<br>pounds<br>farms<br>acres  | 1<br>(D)<br>(D)                     | 1<br>(D)<br>(D)       | 1<br>(D)<br>(D)       | -<br>-                | 1<br>(D)<br>(D)       | 3<br>40<br>36,000          |
| Irrigated .....                    | -<br>-                                      | -<br>-                              | -<br>-                | -<br>-                | -<br>-                | -<br>-                | -<br>-                     |
| Farms by acres harvested:          |   |                                     |                       |                       |                       |                       |                            |
| 1 to 24 acres .....                |   | 1                                   | 1                     | 1                     | -                     | 1                     | 3                          |
| 25 to 99 acres .....               |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 100 to 249 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 250 to 499 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 500 acres or more .....            |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 500 to 999 acres .....             |   | -                                   | -                     | -                     | -                     | -                     | -                          |
| 1,000 acres or more .....          |   | -                                   | -                     | -                     | -                     | -                     | -                          |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Delta                     | Dickinson               | Eaton                | Emmet                    | Genesee                 | Gladwin                 | Gogebic             |
|------------------------------------|---------------------------|-------------------------|----------------------|--------------------------|-------------------------|-------------------------|---------------------|
| Harvested cropland .....           | farms<br>acres            | 231<br>26,570           | 104<br>9,371         | 847<br>171,242           | 200<br>17,568           | 682<br>99,799           | 384<br>30,837       |
| Irrigated .....                    | farms<br>(D)              | 23<br>22                | 7<br>11              | 31<br>1,702              | 24<br>(D)               | 62<br>1,337             | 13<br>142           |
| Corn for grain .....               | farms<br>bushels<br>acres | 2,110<br>213,845<br>(D) | 345<br>50,475<br>(D) | 65,025<br>7,550,197<br>4 | 1,290<br>124,149<br>(D) | 164<br>28,338<br>8      | 108<br>5,783<br>-   |
| Irrigated .....                    | farms<br>acres            | 3<br>(D)                | 1<br>(D)             | 4<br>146                 | 1<br>(D)                | 8<br>177                | -<br>-              |
| Farms by acres harvested:          |                           |                         |                      |                          |                         |                         |                     |
| 1 to 24 acres .....                |                           | 3                       | 5                    | 87                       | 19                      | 57                      | 70                  |
| 25 to 99 acres .....               |                           | 12                      | 6                    | 140                      | 12                      | 55                      | 24                  |
| 100 to 249 acres .....             |                           | 3                       | -                    | 87                       | 4                       | 21                      | 7                   |
| 250 to 499 acres .....             |                           | 4                       | -                    | 47                       | -                       | 17                      | 6                   |
| 500 acres or more .....            |                           | -                       | -                    | 26                       | -                       | 14                      | -                   |
| 500 to 999 acres .....             |                           | -                       | -                    | 17                       | -                       | 5                       | 1                   |
| 1,000 acres or more .....          |                           | -                       | -                    | 9                        | -                       | 9                       | -                   |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 23<br>819<br>8,851      | 24<br>942<br>10,952  | 58<br>2,045<br>24,007    | 31<br>964<br>12,332     | 21<br>1,545<br>17,452   | 43<br>532<br>6,729  |
| Irrigated .....                    | farms<br>acres            | 2<br>(D)                | -<br>(D)             | 1<br>(D)                 | 1<br>(D)                | 2<br>(D)                | -<br>-              |
| Farms by acres harvested:          |                           |                         |                      |                          |                         |                         |                     |
| 1 to 24 acres .....                |                           | 9                       | 10                   | 33                       | 16                      | 7                       | 38                  |
| 25 to 99 acres .....               |                           | 13                      | 13                   | 21                       | 14                      | 7                       | 5                   |
| 100 to 249 acres .....             |                           | 1                       | 1                    | 4                        | 1                       | 7                       | -                   |
| 250 to 499 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 500 acres or more .....            |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 500 to 999 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 1,000 acres or more .....          |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| Sorghum for grain .....            | farms<br>acres<br>bushels | -<br>-<br>-             | -<br>-<br>-          | -<br>-<br>-              | -<br>-<br>-             | -<br>-<br>-             | -<br>-<br>-         |
| Irrigated .....                    | farms<br>acres            | -<br>-                  | -<br>-               | -<br>-                   | -<br>-                  | -<br>-                  | -<br>-              |
| Farms by acres harvested:          |                           |                         |                      |                          |                         |                         |                     |
| 1 to 24 acres .....                |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 25 to 99 acres .....               |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 100 to 249 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 250 to 499 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 500 acres or more .....            |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 500 to 999 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 1,000 acres or more .....          |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 6<br>604<br>31,882      | 2<br>(D)<br>(D)      | 180<br>13,106<br>829,754 | 3<br>46<br>2,023        | 124<br>8,463<br>504,106 | 29<br>921<br>58,199 |
| Irrigated .....                    | farms<br>acres            | -<br>(D)                | -<br>(D)             | -<br>-                   | -<br>-                  | 4<br>(D)                | -<br>-              |
| Farms by acres harvested:          |                           |                         |                      |                          |                         |                         |                     |
| 1 to 24 acres .....                |                           | 2                       | 2                    | 66                       | 3                       | 49                      | 21                  |
| 25 to 99 acres .....               |                           | -                       | -                    | 72                       | -                       | 48                      | 6                   |
| 100 to 249 acres .....             |                           | 4                       | -                    | 33                       | -                       | 20                      | 1                   |
| 250 to 499 acres .....             |                           | -                       | -                    | 7                        | -                       | 6                       | 1                   |
| 500 acres or more .....            |                           | -                       | -                    | 2                        | -                       | 1                       | -                   |
| 500 to 999 acres .....             |                           | -                       | -                    | 1                        | -                       | 1                       | -                   |
| 1,000 acres or more .....          |                           | -                       | -                    | 1                        | -                       | -                       | -                   |
| Barley for grain .....             | farms<br>acres<br>bushels | 25<br>1,433<br>72,992   | 5<br>93<br>4,403     | 1<br>(D)<br>(D)          | 10<br>231<br>7,605      | 2<br>(D)<br>(D)         | 4<br>66<br>2,984    |
| Irrigated .....                    | farms<br>acres            | 1<br>(D)                | -<br>(D)             | -<br>-                   | -<br>-                  | -<br>-                  | -<br>-              |
| Farms by acres harvested:          |                           |                         |                      |                          |                         |                         |                     |
| 1 to 24 acres .....                |                           | 11                      | 4                    | 1                        | 5                       | 2                       | 3                   |
| 25 to 99 acres .....               |                           | 9                       | 1                    | -                        | 5                       | -                       | 1                   |
| 100 to 249 acres .....             |                           | 4                       | -                    | -                        | -                       | -                       | -                   |
| 250 to 499 acres .....             |                           | 1                       | -                    | -                        | -                       | -                       | -                   |
| 500 acres or more .....            |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 500 to 999 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 1,000 acres or more .....          |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| Oats for grain .....               | farms<br>acres<br>bushels | 32<br>1,109<br>61,274   | 15<br>403<br>21,581  | 41<br>925<br>65,236      | 24<br>514<br>23,184     | 31<br>553<br>1          | 56<br>851<br>(D)    |
| Irrigated .....                    | farms<br>acres            | 1<br>(D)                | -<br>(D)             | -<br>-                   | 1<br>(D)                | 1<br>(D)                | -<br>-              |
| Farms by acres harvested:          |                           |                         |                      |                          |                         |                         |                     |
| 1 to 24 acres .....                |                           | 20                      | 9                    | 29                       | 17                      | 25                      | 50                  |
| 25 to 99 acres .....               |                           | 9                       | 5                    | 10                       | 6                       | 6                       | 6                   |
| 100 to 249 acres .....             |                           | 3                       | 1                    | 2                        | 1                       | -                       | -                   |
| 250 to 499 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 500 acres or more .....            |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 500 to 999 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 1,000 acres or more .....          |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 1<br>(D)<br>(D)         | -<br>-<br>-          | -<br>-<br>-              | 1<br>(D)<br>(D)         | 1<br>(D)<br>(D)         | -<br>-<br>-         |
| Irrigated .....                    | farms<br>acres            | -<br>-                  | -<br>-               | -<br>-                   | -<br>-                  | -<br>-                  | -<br>-              |
| Farms by acres harvested:          |                           |                         |                      |                          |                         |                         |                     |
| 1 to 24 acres .....                |                           | 1                       | -                    | -                        | -                       | 1                       | -                   |
| 25 to 99 acres .....               |                           | -                       | -                    | -                        | 1                       | -                       | -                   |
| 100 to 249 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 250 to 499 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 500 acres or more .....            |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 500 to 999 acres .....             |                           | -                       | -                    | -                        | -                       | -                       | -                   |
| 1,000 acres or more .....          |                           | -                       | -                    | -                        | -                       | -                       | -                   |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Grand<br>Traverse         | Gratiot                | Hillsdale                | Houghton                 | Huron                    | Ingham                   | Ionia                 | Iosco                   |
|------------------------------------|---------------------------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------------------|-------------------------|
| Harvested cropland .....           | farms<br>acres            | 378<br>30,152          | 736<br>235,525           | 865<br>173,208           | 113<br>8,614             | 800<br>366,484           | 739<br>143,491        | 807<br>169,995          |
| Irrigated .....                    | farms<br>acres            | 88<br>1,881            | 53<br>5,045              | 37<br>(D)                | 15<br>105                | 29<br>1,651              | 59<br>(D)             | 47<br>3,215             |
| Corn for grain .....               | farms<br>acres<br>bushels | 67<br>5,182<br>497,606 | 415<br>74,067            | 417<br>64,651            | 3<br>(D)                 | 531<br>99,987            | 248<br>49,189         | 61<br>88,404            |
| Irrigated .....                    | farms<br>acres            | 3<br>262               | 16<br>1,049              | 18<br>1,979              | 1<br>(D)                 | 5<br>14,342,812          | 3<br>5,181,846        | 10<br>8,315,443         |
| Farms by acres harvested:          |                           |                        |                          |                          |                          |                          |                       |                         |
| 1 to 24 acres .....                |                           | 30                     | 86                       | 112                      | 1                        | 54                       | 69                    | 106                     |
| 25 to 99 acres .....               |                           | 22                     | 144                      | 145                      | -                        | 192                      | 68                    | 138                     |
| 100 to 249 acres .....             |                           | 11                     | 94                       | 79                       | 2                        | 164                      | 56                    | 88                      |
| 250 to 499 acres .....             |                           | 2                      | 50                       | 47                       | -                        | 78                       | 27                    | 39                      |
| 500 acres or more .....            |                           | 2                      | 41                       | 34                       | -                        | 43                       | 28                    | 33                      |
| 500 to 999 acres .....             |                           | 2                      | 31                       | 26                       | -                        | 31                       | 17                    | 26                      |
| 1,000 acres or more .....          |                           | -                      | 10                       | 8                        | -                        | 12                       | 11                    | 7                       |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 27<br>1,294<br>17,101  | 59<br>6,363<br>115,504   | 92<br>6,553<br>79,983    | 5<br>105<br>1,171        | 198<br>18,140<br>316,434 | 65<br>4,325<br>56,591 | 104<br>7,331<br>120,338 |
| Irrigated .....                    | farms<br>acres            | -<br>-                 | 4<br>169                 | 6<br>358                 | -<br>(D)                 | 1<br>(D)                 | 3<br>(D)              | -<br>(D)                |
| Farms by acres harvested:          |                           |                        |                          |                          |                          |                          |                       |                         |
| 1 to 24 acres .....                |                           | 13                     | 15                       | 38                       | 4                        | 62                       | 15                    | 36                      |
| 25 to 99 acres .....               |                           | 11                     | 25                       | 35                       | 1                        | 86                       | 39                    | 43                      |
| 100 to 249 acres .....             |                           | 3                      | 13                       | 13                       | -                        | 37                       | 10                    | 22                      |
| 250 to 499 acres .....             |                           | -                      | 3                        | 5                        | -                        | 7                        | -                     | 2                       |
| 500 acres or more .....            |                           | -                      | 3                        | 1                        | -                        | 6                        | 1                     | 1                       |
| 500 to 999 acres .....             |                           | -                      | 3                        | 1                        | -                        | 3                        | 1                     | 1                       |
| 1,000 acres or more .....          |                           | -                      | -                        | -                        | -                        | 3                        | -                     | -                       |
| Sorghum for grain .....            | farms<br>acres<br>bushels | -<br>-<br>(D)<br>(D)   | 1<br>-<br>-<br>-         | -<br>-<br>-<br>-         | 1<br>(D)<br>(D)          | 1<br>(D)<br>(D)          | -<br>-<br>-           | -<br>-<br>-             |
| Irrigated .....                    | farms<br>acres            | -<br>-                 | -<br>-                   | -<br>-                   | -<br>-                   | 1<br>(D)                 | -<br>-                | -<br>-                  |
| Farms by acres harvested:          |                           |                        |                          |                          |                          |                          |                       |                         |
| 1 to 24 acres .....                |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 25 to 99 acres .....               |                           | -                      | 1                        | -                        | -                        | 1                        | -                     | -                       |
| 100 to 249 acres .....             |                           | -                      | -                        | -                        | -                        | -                        | 1                     | -                       |
| 250 to 499 acres .....             |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 500 acres or more .....            |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 500 to 999 acres .....             |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 1,000 acres or more .....          |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | 27<br>997<br>46,997    | 201<br>13,332<br>956,805 | 200<br>11,041<br>626,701 | -<br>32,701<br>2,570,875 | 412<br>14,383<br>950,556 | 119<br>213<br>777,232 | 213<br>12,104<br>53,434 |
| Irrigated .....                    | farms<br>acres            | -<br>-                 | 1<br>(D)                 | 3<br>8                   | -<br>85                  | 7<br>(D)                 | 4<br>17               | -<br>-                  |
| Farms by acres harvested:          |                           |                        |                          |                          |                          |                          |                       |                         |
| 1 to 24 acres .....                |                           | 13                     | 73                       | 80                       | -                        | 90                       | 29                    | 87                      |
| 25 to 99 acres .....               |                           | 13                     | 88                       | 88                       | -                        | 209                      | 50                    | 92                      |
| 100 to 249 acres .....             |                           | 1                      | 31                       | 27                       | -                        | 95                       | 26                    | 25                      |
| 250 to 499 acres .....             |                           | -                      | 8                        | 5                        | -                        | 16                       | 9                     | 8                       |
| 500 acres or more .....            |                           | -                      | 1                        | -                        | -                        | 2                        | 5                     | 1                       |
| 500 to 999 acres .....             |                           | -                      | 1                        | -                        | -                        | 2                        | 4                     | 1                       |
| 1,000 acres or more .....          |                           | -                      | -                        | -                        | -                        | -                        | 1                     | -                       |
| Barley for grain .....             | farms<br>acres<br>bushels | 4<br>150<br>6,810      | 6<br>274<br>14,295       | 4<br>42<br>3,640         | 5<br>336<br>19,720       | 16<br>703<br>42,691      | 5<br>63<br>3,204      | 6<br>121<br>6,298       |
| Irrigated .....                    | farms<br>acres            | -<br>-                 | -<br>-                   | -<br>-                   | -<br>-                   | -<br>-                   | -<br>-                | -<br>-                  |
| Farms by acres harvested:          |                           |                        |                          |                          |                          |                          |                       |                         |
| 1 to 24 acres .....                |                           | 2                      | 3                        | 4                        | 3                        | 6                        | 5                     | 5                       |
| 25 to 99 acres .....               |                           | 2                      | 2                        | -                        | 1                        | 9                        | -                     | 6                       |
| 100 to 249 acres .....             |                           | -                      | 1                        | -                        | -                        | 1                        | -                     | 1                       |
| 250 to 499 acres .....             |                           | -                      | -                        | -                        | 1                        | -                        | -                     | -                       |
| 500 acres or more .....            |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 500 to 999 acres .....             |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 1,000 acres or more .....          |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| Oats for grain .....               | farms<br>acres<br>bushels | 43<br>1,443<br>76,937  | 32<br>754<br>49,192      | 53<br>991<br>56,059      | 14<br>233<br>9,184       | 119<br>2,495<br>218,229  | 15<br>311<br>18,461   | 59<br>1,169<br>89,874   |
| Irrigated .....                    | farms<br>acres            | -<br>-                 | -<br>-                   | -<br>-                   | -<br>-                   | 1<br>(D)                 | -<br>(D)              | -<br>(D)                |
| Farms by acres harvested:          |                           |                        |                          |                          |                          |                          |                       |                         |
| 1 to 24 acres .....                |                           | 25                     | 23                       | 40                       | 12                       | 77                       | 9                     | 45                      |
| 25 to 99 acres .....               |                           | 16                     | 8                        | 12                       | 2                        | 42                       | 6                     | 13                      |
| 100 to 249 acres .....             |                           | 2                      | 1                        | 1                        | -                        | -                        | 1                     | 1                       |
| 250 to 499 acres .....             |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 500 acres or more .....            |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 500 to 999 acres .....             |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 1,000 acres or more .....          |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 5<br>(D)<br>(D)        | -<br>-                   | -<br>-                   | -<br>-                   | -<br>-                   | 1<br>(D)<br>(D)       | -<br>(D)<br>(D)         |
| Irrigated .....                    | farms<br>acres            | -<br>-                 | -<br>-                   | -<br>-                   | -<br>-                   | -<br>-                   | -<br>-                | -<br>-                  |
| Farms by acres harvested:          |                           |                        |                          |                          |                          |                          |                       |                         |
| 1 to 24 acres .....                |                           | 4                      | -                        | -                        | -                        | -                        | 1                     | -                       |
| 25 to 99 acres .....               |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 100 to 249 acres .....             |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 250 to 499 acres .....             |                           | 1                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 500 acres or more .....            |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 500 to 999 acres .....             |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |
| 1,000 acres or more .....          |                           | -                      | -                        | -                        | -                        | -                        | -                     | -                       |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                   | Iron                      | Isabella                   | Jackson                    | Kalamazoo                  | Kalkaska               | Kent                       | Keweenaw                | Lake              |
|--|---------------------------|----------------------------|----------------------------|----------------------------|------------------------|----------------------------|-------------------------|-------------------|
| Harvested cropland . . . . .           | farms<br>acres            | 84<br>7,449                | 706<br>134,046             | 876<br>122,240             | 587<br>106,849         | 114<br>8,317               | 853<br>111,584          | 6<br>86           |
| Irrigated . . . . .                    | farms<br>acres            | 11<br>804                  | 34<br>(D)                  | 67<br>4,487                | 170<br>29,443          | 10<br>2,053                | 130<br>8,449            | 4<br>-            |
| Corn for grain . . . . .               | farms<br>acres<br>bushels | 283<br>30,148<br>3,583,438 | 348<br>46,912<br>4,470,255 | 224<br>46,469<br>5,171,950 | 11<br>569<br>63,810    | 250<br>35,989<br>4,408,487 | 13<br>424<br>43,104     | 7<br>424<br>-     |
| Irrigated . . . . .                    | farms<br>acres            | 7<br>1,661                 | 14<br>1,826                | 63<br>15,680               | 2<br>(D)               | 12<br>3,299                | -<br>-                  | -<br>-            |
| Farms by acres harvested:              |                           |                            |                            |                            |                        |                            |                         |                   |
| 1 to 24 acres . . . . .                |                           | 91                         | 117                        | 61                         | 6                      | 82                         | -                       | 11                |
| 25 to 99 acres . . . . .               |                           | 95                         | 121                        | 60                         | 4                      | 87                         | -                       | 4                 |
| 100 to 249 acres . . . . .             |                           | 70                         | 63                         | 49                         | 1                      | 46                         | -                       | 2                 |
| 250 to 499 acres . . . . .             |                           | 19                         | 23                         | 26                         | -                      | 19                         | -                       | 7                 |
| 500 acres or more . . . . .            |                           | 8                          | 24                         | 28                         | -                      | 16                         | -                       | 13                |
| 500 to 999 acres . . . . .             |                           | 5                          | 16                         | 21                         | -                      | 11                         | -                       | 424               |
| 1,000 acres or more . . . . .          |                           | 3                          | 8                          | 7                          | -                      | 5                          | -                       | -                 |
| Corn for silage or greenchop . . . . . | farms<br>acres<br>tons    | 1<br>(D)<br>66,160         | 91<br>4,900<br>54,385      | 50<br>3,765<br>58,083      | 22<br>3,552<br>1,329   | 9<br>102<br>1,329          | 78<br>7,514<br>121,700  | 6<br>334<br>6,219 |
| Irrigated . . . . .                    | farms<br>acres            | -<br>-                     | -<br>(D)                   | 3<br>1,192                 | 6<br>-                 | 1<br>(D)                   | -<br>-                  | -<br>-            |
| Farms by acres harvested:              |                           |                            |                            |                            |                        |                            |                         |                   |
| 1 to 24 acres . . . . .                |                           | 1                          | 35                         | 17                         | 3                      | 9                          | 31                      | 3                 |
| 25 to 99 acres . . . . .               |                           | -<br>42                    | -<br>19                    | -<br>10                    | -<br>9                 | -<br>3                     | -<br>28                 | -<br>2            |
| 100 to 249 acres . . . . .             |                           | -<br>12                    | -<br>10                    | -<br>4                     | -<br>6                 | -<br>1                     | -<br>15                 | -<br>1            |
| 250 to 499 acres . . . . .             |                           | -<br>1                     | -<br>4                     | -<br>6                     | -<br>1                 | -<br>1                     | -<br>3                  | -<br>1            |
| 500 acres or more . . . . .            |                           | -<br>1                     | -<br>1                     | -<br>1                     | -<br>1                 | -<br>1                     | -<br>3                  | -<br>1            |
| 500 to 999 acres . . . . .             |                           | -<br>1                     | -<br>1                     | -<br>1                     | -<br>1                 | -<br>1                     | -<br>1                  | -<br>2            |
| 1,000 acres or more . . . . .          |                           | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                 | -<br>-                     | -<br>-                  | -<br>-            |
| Sorghum for grain . . . . .            | farms<br>acres<br>bushels | -<br>-<br>-                | -<br>(D)<br>(D)            | 2<br>-                     | -<br>(D)<br>(D)        | 2<br>-                     | 1<br>(D)<br>(D)         | -<br>-            |
| Irrigated . . . . .                    | farms<br>acres            | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                 | -<br>-                     | -<br>-                  | -<br>-            |
| Farms by acres harvested:              |                           |                            |                            |                            |                        |                            |                         |                   |
| 1 to 24 acres . . . . .                |                           | -<br>1                     | -<br>2                     | -<br>2                     | -<br>-                 | -<br>2                     | -<br>1                  | -<br>-            |
| 25 to 99 acres . . . . .               |                           | -<br>-                     | -<br>42                    | -<br>19                    | -<br>-                 | -<br>-                     | -<br>-                  | -<br>3            |
| 100 to 249 acres . . . . .             |                           | -<br>-                     | -<br>12                    | -<br>10                    | -<br>-                 | -<br>-                     | -<br>-                  | -<br>2            |
| 250 to 499 acres . . . . .             |                           | -<br>-                     | -<br>1                     | -<br>4                     | -<br>-                 | -<br>1                     | -<br>1                  | -<br>1            |
| 500 acres or more . . . . .            |                           | -<br>-                     | -<br>1                     | -<br>1                     | -<br>1                 | -<br>1                     | -<br>1                  | -<br>4            |
| 500 to 999 acres . . . . .             |                           | -<br>-                     | -<br>2                     | -<br>1                     | -<br>1                 | -<br>1                     | -<br>1                  | -<br>-            |
| 1,000 acres or more . . . . .          |                           | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                 | -<br>-                     | -<br>-                  | -<br>-            |
| Wheat for grain, All . . . . .         | farms<br>acres<br>bushels | 5<br>360<br>14,400         | 192<br>13,699<br>876,192   | 143<br>8,094<br>426,649    | 56<br>4,069<br>210,957 | 6<br>355<br>4<br>(D)       | 86<br>4,815<br>1<br>(D) | -<br>-            |
| Irrigated . . . . .                    | farms<br>acres            | -<br>-                     | -<br>-                     | -<br>-                     | 4<br>(D)               | 1<br>(D)                   | 1<br>(D)                | -<br>-            |
| Farms by acres harvested:              |                           |                            |                            |                            |                        |                            |                         |                   |
| 1 to 24 acres . . . . .                |                           | -<br>-                     | 51                         | 54                         | 13                     | 5                          | 32                      | -                 |
| 25 to 99 acres . . . . .               |                           | 2<br>-                     | 101                        | 66                         | 28                     | -                          | 40                      | -                 |
| 100 to 249 acres . . . . .             |                           | 3<br>-                     | 32                         | 18                         | 14                     | -                          | 10                      | -                 |
| 250 to 499 acres . . . . .             |                           | -<br>-                     | 6                          | 4                          | -                      | 1                          | 4                       | -                 |
| 500 acres or more . . . . .            |                           | -<br>-                     | 2                          | 1                          | 1                      | -                          | -                       | -                 |
| 500 to 999 acres . . . . .             |                           | -<br>-                     | 2                          | 1                          | 1                      | -                          | -                       | -                 |
| 1,000 acres or more . . . . .          |                           | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                 | -<br>-                     | -<br>-                  | -<br>-            |
| Barley for grain . . . . .             | farms<br>acres<br>bushels | 4<br>59<br>2,500           | 10<br>332<br>18,932        | 5<br>209<br>8,050          | 2<br>(D)<br>(D)        | -<br>-                     | 3<br>30<br>(D)          | -<br>-            |
| Irrigated . . . . .                    | farms<br>acres            | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                 | -<br>-                     | -<br>-                  | -<br>-            |
| Farms by acres harvested:              |                           |                            |                            |                            |                        |                            |                         |                   |
| 1 to 24 acres . . . . .                |                           | 4<br>-                     | 3                          | 1                          | 2                      | -                          | 3                       | -                 |
| 25 to 99 acres . . . . .               |                           | -<br>-                     | 7                          | 3                          | -                      | -                          | -                       | -                 |
| 100 to 249 acres . . . . .             |                           | -<br>-                     | -                          | 1                          | -                      | -                          | -                       | -                 |
| 250 to 499 acres . . . . .             |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 500 acres or more . . . . .            |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 500 to 999 acres . . . . .             |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 1,000 acres or more . . . . .          |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| Oats for grain . . . . .               | farms<br>acres<br>bushels | 20<br>500<br>24,919        | 62<br>1,751<br>109,072     | 41<br>873<br>42,587        | 31<br>610<br>39,091    | 5<br>59<br>2,758           | 64<br>1,660<br>100,008  | 9<br>156<br>5,864 |
| Irrigated . . . . .                    | farms<br>acres            | -<br>-                     | 1<br>(D)                   | 1<br>(D)                   | -<br>-                 | -<br>-                     | -<br>-                  | -<br>-            |
| Farms by acres harvested:              |                           |                            |                            |                            |                        |                            |                         |                   |
| 1 to 24 acres . . . . .                |                           | 12                         | 35                         | 29                         | 25                     | 5                          | 42                      | -                 |
| 25 to 99 acres . . . . .               |                           | 8                          | 26                         | 12                         | 5                      | -                          | 20                      | -                 |
| 100 to 249 acres . . . . .             |                           | -<br>-                     | 1                          | -<br>-                     | 1                      | -<br>-                     | 2                       | -                 |
| 250 to 499 acres . . . . .             |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 500 acres or more . . . . .            |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 500 to 999 acres . . . . .             |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 1,000 acres or more . . . . .          |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| Sunflower seed, All . . . . .          | farms<br>acres<br>pounds  | -<br>-<br>-                | 2<br>(D)<br>(D)            | 2<br>(D)<br>(D)            | -<br>-                 | 2<br>(D)<br>(D)            | -<br>-                  | -<br>-            |
| Irrigated . . . . .                    | farms<br>acres            | -<br>-                     | -<br>(D)                   | 1<br>(D)                   | -<br>-                 | -<br>-                     | -<br>-                  | -<br>-            |
| Farms by acres harvested:              |                           |                            |                            |                            |                        |                            |                         |                   |
| 1 to 24 acres . . . . .                |                           | -<br>-                     | 2                          | 2                          | -                      | 2                          | -                       | -                 |
| 25 to 99 acres . . . . .               |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 100 to 249 acres . . . . .             |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 250 to 499 acres . . . . .             |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 500 acres or more . . . . .            |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 500 to 999 acres . . . . .             |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |
| 1,000 acres or more . . . . .          |                           | -<br>-                     | -                          | -                          | -                      | -                          | -                       | -                 |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Lapeer    | Leelanau | Lenawee   | Livingston | Luce  | Mackinac | Macomb    | Manistee |
|------------------------------------|-----------|----------|-----------|------------|-------|----------|-----------|----------|
| Harvested cropland .....           | 838       | 347      | 896       | 534        | 25    | 57       | 395       | 246      |
| farms                              |           |          |           |            |       |          |           |          |
| acres                              | 130,962   | 27,272   | 279,999   | 59,729     | 4,029 | 8,164    | 51,755    | 19,091   |
| Irrigated .....                    | 75        | 83       | 63        | 57         | 4     | 2        | 84        | 31       |
| farms                              |           |          |           |            |       |          |           |          |
| acres                              | 1,828     | 1,677    | 3,793     | 1,330      | (D)   | (D)      | 2,903     | 1,710    |
| Corn for grain .....               | 251       | 42       | 488       | 163        | 2     | 2        | 99        | 42       |
| farms                              |           |          |           |            |       |          |           |          |
| acres                              | 31,798    | 2,891    | 92,204    | 19,772     | (D)   | (D)      | 9,790     | 1,482    |
| bushels                            | 3,641,648 | 233,395  | 9,574,239 | 1,987,023  | (D)   | (D)      | 1,109,660 | 139,381  |
| Irrigated .....                    | 7         | -        | 9         | 4          | -     | -        | 2         | 4        |
| farms                              |           |          |           |            |       |          |           |          |
| acres                              | 79        | -        | 1,815     | 4          | -     | -        | (D)       | 96       |
| Farms by acres harvested:          |           |          |           |            |       |          |           |          |
| 1 to 24 acres .....                | 71        | 22       | 96        | 60         | 1     | 1        | 31        | 29       |
| 25 to 99 acres .....               | 89        | 12       | 162       | 57         | 1     | 1        | 38        | 10       |
| 100 to 249 acres .....             | 50        | 6        | 104       | 22         | -     | -        | 22        | 2        |
| 250 to 499 acres .....             | 31        | -        | 82        | 16         | -     | -        | 6         | -        |
| 500 acres or more .....            | 10        | 2        | 44        | 8          | -     | -        | 2         | 1        |
| 500 to 999 acres .....             | 7         | 2        | 35        | 6          | -     | -        | 1         | 1        |
| 1,000 acres or more .....          | 3         | -        | 9         | 2          | -     | -        | 1         | -        |
| Corn for silage or greenchop ..... | 71        | 13       | 55        | 26         | -     | 5        | 18        | 14       |
| farms                              |           |          |           |            |       |          |           |          |
| acres                              | 2,963     | 490      | 10,391    | 1,194      | -     | 299      | 2,160     | 196      |
| Irrigated .....                    | 47,120    | 5,533    | 122,137   | 14,724     | -     | 4,657    | 34,209    | 2,086    |
| farms                              |           |          |           |            |       |          |           |          |
| acres                              | 4         | -        | 2         | -          | -     | 1        | -         | -        |
| Farms by acres harvested:          |           |          |           |            |       |          |           |          |
| 1 to 24 acres .....                | 33        | 5        | 12        | 10         | -     | 2        | 6         | 11       |
| 25 to 99 acres .....               | 32        | 7        | 17        | 13         | -     | 2        | 9         | 3        |
| 100 to 249 acres .....             | 5         | 1        | 17        | 2          | -     | 1        | 2         | -        |
| 250 to 499 acres .....             | -         | -        | 4         | 1          | -     | -        | -         | -        |
| 500 acres or more .....            | 1         | -        | 5         | -          | -     | -        | 1         | -        |
| 500 to 999 acres .....             | 1         | -        | 2         | -          | -     | -        | -         | -        |
| 1,000 acres or more .....          | -         | -        | 3         | -          | -     | -        | 1         | -        |
| Sorghum for grain .....            | 1         | -        | -         | -          | -     | -        | 1         | -        |
| farms                              |           |          |           |            |       |          | (D)       | -        |
| acres                              | (D)       | -        | -         | -          | -     | -        | (D)       | -        |
| Irrigated .....                    | -         | -        | -         | -          | -     | -        | -         | -        |
| Farms by acres harvested:          |           |          |           |            |       |          |           |          |
| 1 to 24 acres .....                | 1         | -        | -         | -          | -     | -        | -         | -        |
| 25 to 99 acres .....               | -         | -        | -         | -          | -     | -        | -         | -        |
| 100 to 249 acres .....             | -         | -        | -         | -          | -     | -        | 1         | -        |
| 250 to 499 acres .....             | -         | -        | -         | -          | -     | -        | -         | -        |
| 500 acres or more .....            | -         | -        | -         | -          | -     | -        | -         | -        |
| 500 to 999 acres .....             | -         | -        | -         | -          | -     | -        | -         | -        |
| 1,000 acres or more .....          | -         | -        | -         | -          | -     | -        | -         | -        |
| Wheat for grain, All .....         | 133       | 8        | 354       | 67         | -     | 4        | 48        | 1        |
| farms                              |           |          |           |            |       |          |           |          |
| acres                              | 6,422     | 129      | 28,167    | 4,857      | -     | 30       | 2,539     | (D)      |
| bushels                            | 416,494   | 5,308    | 1,929,439 | 287,627    | -     | 1,050    | 167,721   | (D)      |
| Irrigated .....                    | 1         | -        | 3         | -          | -     | -        | 1         | -        |
| farms                              |           |          |           |            |       |          | (D)       | -        |
| acres                              | (D)       | -        | (D)       | -          | -     | -        | -         | -        |
| Farms by acres harvested:          |           |          |           |            |       |          |           |          |
| 1 to 24 acres .....                | 56        | 6        | 101       | 27         | -     | 4        | 20        | 1        |
| 25 to 99 acres .....               | 57        | 2        | 152       | 25         | -     | -        | 24        | -        |
| 100 to 249 acres .....             | 20        | -        | 80        | 11         | -     | -        | 2         | -        |
| 250 to 499 acres .....             | -         | -        | 19        | 3          | -     | -        | 2         | -        |
| 500 acres or more .....            | -         | -        | 2         | 1          | -     | -        | -         | -        |
| 500 to 999 acres .....             | -         | -        | 2         | 1          | -     | -        | -         | -        |
| 1,000 acres or more .....          | -         | -        | -         | -          | -     | -        | -         | -        |
| Barley for grain .....             | 15        | 3        | 3         | 1          | -     | 1        | 1         | 1        |
| farms                              |           |          |           |            |       |          | (D)       | (D)      |
| acres                              | 637       | 18       | 11        | (D)        | -     | (D)      | (D)       | (D)      |
| bushels                            | 26,285    | 737      | 503       | (D)        | -     | -        | -         | -        |
| Irrigated .....                    | -         | -        | 1         | -          | -     | -        | -         | -        |
| farms                              |           |          |           |            |       |          | -         | -        |
| acres                              | -         | -        | (D)       | -          | -     | -        | -         | -        |
| Farms by acres harvested:          |           |          |           |            |       |          |           |          |
| 1 to 24 acres .....                | 9         | 3        | 3         | 1          | -     | 1        | 1         | 1        |
| 25 to 99 acres .....               | 4         | -        | -         | -          | -     | -        | -         | -        |
| 100 to 249 acres .....             | 2         | -        | -         | -          | -     | -        | -         | -        |
| 250 to 499 acres .....             | -         | -        | -         | -          | -     | -        | -         | -        |
| 500 acres or more .....            | -         | -        | -         | -          | -     | -        | -         | -        |
| 500 to 999 acres .....             | -         | -        | -         | -          | -     | -        | -         | -        |
| 1,000 acres or more .....          | -         | -        | -         | -          | -     | -        | -         | -        |
| Oats for grain .....               | 82        | 27       | 35        | 21         | 2     | 11       | 21        | 19       |
| farms                              |           |          |           |            |       |          |           |          |
| acres                              | 1,965     | 474      | 594       | 491        | (D)   | 157      | 610       | 388      |
| bushels                            | 123,596   | 24,504   | 48,533    | 21,338     | (D)   | 6,794    | 43,236    | 15,427   |
| Irrigated .....                    | 1         | -        | -         | -          | -     | -        | -         | -        |
| farms                              |           |          |           |            |       |          | -         | -        |
| acres                              | (D)       | -        | -         | -          | -     | -        | -         | -        |
| Farms by acres harvested:          |           |          |           |            |       |          |           |          |
| 1 to 24 acres .....                | 52        | 21       | 28        | 15         | 1     | 8        | 12        | 15       |
| 25 to 99 acres .....               | 28        | 6        | 6         | 5          | 1     | 3        | 8         | 4        |
| 100 to 249 acres .....             | 2         | -        | 1         | 1          | -     | -        | 1         | -        |
| 250 to 499 acres .....             | -         | -        | -         | -          | -     | -        | -         | -        |
| 500 acres or more .....            | -         | -        | -         | -          | -     | -        | -         | -        |
| 500 to 999 acres .....             | -         | -        | -         | -          | -     | -        | -         | -        |
| 1,000 acres or more .....          | -         | -        | -         | -          | -     | -        | -         | -        |
| Sunflower seed, All .....          | 4         | -        | 1         | 5          | -     | -        | 1         | 1        |
| farms                              |           |          |           |            |       |          | (D)       | (D)      |
| acres                              | 12        | -        | (D)       | 57         | -     | -        | (D)       | (D)      |
| pounds                             | 13,500    | -        | (D)       | 77,250     | -     | -        | -         | -        |
| Irrigated .....                    | -         | -        | -         | -          | -     | -        | -         | -        |
| farms                              |           |          |           |            |       |          | -         | -        |
| acres                              | -         | -        | -         | -          | -     | -        | -         | -        |
| Farms by acres harvested:          |           |          |           |            |       |          |           |          |
| 1 to 24 acres .....                | 4         | -        | 1         | 5          | -     | -        | 1         | 1        |
| 25 to 99 acres .....               | -         | -        | -         | -          | -     | -        | -         | -        |
| 100 to 249 acres .....             | -         | -        | -         | -          | -     | -        | -         | -        |
| 250 to 499 acres .....             | -         | -        | -         | -          | -     | -        | -         | -        |
| 500 acres or more .....            | -         | -        | -         | -          | -     | -        | -         | -        |
| 500 to 999 acres .....             | -         | -        | -         | -          | -     | -        | -         | -        |
| 1,000 acres or more .....          | -         | -        | -         | -          | -     | -        | -         | -        |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Marquette                 | Mason         | Mecosta        | Menominee          | Midland        | Missaukee        | Monroe         | Montcalm           |
|------------------------------------|---------------------------|---------------|----------------|--------------------|----------------|------------------|----------------|--------------------|
| Harvested cropland .....           | farms<br>acres            | 98<br>8,202   | 365<br>45,782  | 555<br>58,119      | 304<br>45,169  | 328<br>58,226    | 337<br>58,204  | 917<br>189,011     |
| Irrigated .....                    | farms<br>acres            | 9<br>42       | 36<br>5,833    | 9<br>(D)           | 26<br>(D)      | 27<br>(D)        | 101<br>6,313   | 119<br>46,991      |
| Corn for grain .....               | farms<br>acres            | 6<br>116      | 92<br>8,537    | 188<br>13,696      | 49<br>4,036    | 148<br>18,611    | 62<br>6,378    | 441<br>60,444      |
| Irrigated .....                    | bushels<br>farms<br>acres | (D)<br>3<br>6 | 898,403<br>601 | 1,412,849<br>2,113 | 451,254<br>(D) | 2,384,180<br>328 | 775,224<br>738 | 5,918,162<br>1,210 |
| Farms by acres harvested:          |                           |               |                |                    |                |                  |                |                    |
| 1 to 24 acres .....                |                           | 5             | 39             | 114                | 12             | 37               | 8              | 111                |
| 25 to 99 acres .....               |                           | -             | 27             | 40                 | 19             | 65               | 26             | 180                |
| 100 to 249 acres .....             |                           | 1             | 20             | 17                 | 17             | 29               | 21             | 79                 |
| 250 to 499 acres .....             |                           | -             | 3              | 14                 | 1              | 8                | 7              | 40                 |
| 500 acres or more .....            |                           | -             | 3              | 3                  | -              | 9                | -              | 31                 |
| 500 to 999 acres .....             |                           | -             | 3              | 2                  | -              | 6                | -              | 28                 |
| 1,000 acres or more .....          |                           | -             | -              | 1                  | -              | 3                | -              | 16                 |
| Corn for silage or greenchop ..... | farms<br>acres            | 3<br>285      | 33<br>2,141    | 107<br>3,362       | 83<br>6,232    | 12<br>959        | 78<br>7,499    | 19<br>675          |
| Irrigated .....                    | tons<br>farms<br>acres    | 2,649         | 31,311         | 39,535             | 85,408         | 17,392           | 107,131        | 8,491              |
| Farms by acres harvested:          |                           |               |                |                    |                |                  |                |                    |
| 1 to 24 acres .....                |                           | -             | 2              | 5                  | -              | 1                | 13             | 17                 |
| 25 to 99 acres .....               |                           | -             | (D)            | 265                | -              | (D)              | 905            | -                  |
| 100 to 249 acres .....             |                           | -             | -              | -                  | -              | -                | -              | 2,024              |
| 250 to 499 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 500 acres or more .....            |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 500 to 999 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 1,000 acres or more .....          |                           | -             | -              | -                  | -              | -                | -              | -                  |
| Sorghum for grain .....            | farms<br>acres            | -<br>-        | -<br>-         | -<br>-             | -<br>-         | -<br>-           | -<br>-         | 3<br>(D)           |
| Irrigated .....                    | bushels<br>farms<br>acres | -<br>-        | -<br>-         | -<br>-             | -<br>-         | -<br>-           | -<br>-         | -<br>(D)           |
| Farms by acres harvested:          |                           |               |                |                    |                |                  |                |                    |
| 1 to 24 acres .....                |                           | -             | -              | -                  | -              | -                | -              | 2                  |
| 25 to 99 acres .....               |                           | -             | -              | -                  | -              | -                | -              | 1                  |
| 100 to 249 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 250 to 499 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 500 acres or more .....            |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 500 to 999 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 1,000 acres or more .....          |                           | -             | -              | -                  | -              | -                | -              | -                  |
| Wheat for grain, All .....         | farms<br>acres            | -<br>3,727    | 54<br>1,179    | 45<br>(D)          | 3<br>3,948     | 67<br>495        | 20<br>18,435   | 284<br>16,388      |
| Irrigated .....                    | bushels<br>farms<br>acres | -<br>200,682  | 57,012         | (D)                | 266,976        | 25,034           | 1,272,746      | 994,964            |
| Farms by acres harvested:          |                           |               |                |                    |                |                  |                |                    |
| 1 to 24 acres .....                |                           | -             | 16             | 27                 | 2              | 20               | 13             | 81                 |
| 25 to 99 acres .....               |                           | -             | 28             | 16                 | 1              | 36               | 6              | 149                |
| 100 to 249 acres .....             |                           | -             | 9              | 2                  | -              | 10               | 1              | 45                 |
| 250 to 499 acres .....             |                           | -             | -              | -                  | -              | 1                | -              | 8                  |
| 500 acres or more .....            |                           | -             | 1              | -                  | -              | -                | -              | 11                 |
| 500 to 999 acres .....             |                           | -             | 1              | -                  | -              | -                | -              | 5                  |
| 1,000 acres or more .....          |                           | -             | -              | -                  | -              | -                | -              | 3                  |
| Barley for grain .....             | farms<br>acres            | 4<br>157      | 6<br>86        | 8<br>43            | 29<br>1,073    | 1<br>48,474      | 2<br>(D)       | 3<br>(D)           |
| Irrigated .....                    | bushels<br>farms<br>acres | 8,840         | 3,932          | 1,836              | -              | (D)              | (D)            | 8<br>4,923         |
| Farms by acres harvested:          |                           |               |                |                    |                |                  |                |                    |
| 1 to 24 acres .....                |                           | 2             | 5              | 8                  | 7              | 1                | 2              | 2                  |
| 25 to 99 acres .....               |                           | 1             | 1              | -                  | 21             | -                | -              | 8                  |
| 100 to 249 acres .....             |                           | 1             | -              | -                  | 1              | -                | -              | -                  |
| 250 to 499 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 500 acres or more .....            |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 500 to 999 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 1,000 acres or more .....          |                           | -             | -              | -                  | -              | -                | -              | -                  |
| Oats for grain .....               | farms<br>acres            | 16<br>331     | 36<br>670      | 97<br>1,481        | 50<br>924      | 22<br>372        | 28<br>844      | 36<br>1,219        |
| Irrigated .....                    | bushels<br>farms<br>acres | 17,946        | 37,597         | 78,074             | 48,398         | 25,297           | 50,582         | 1,1810<br>101,686  |
| Farms by acres harvested:          |                           |               |                |                    |                |                  |                |                    |
| 1 to 24 acres .....                |                           | 14            | 30             | 85                 | 36             | 20               | 17             | 21                 |
| 25 to 99 acres .....               |                           | -             | 5              | 11                 | 14             | 1                | 10             | 70                 |
| 100 to 249 acres .....             |                           | 2             | 1              | 1                  | -              | 1                | 1              | 21                 |
| 250 to 499 acres .....             |                           | -             | -              | -                  | -              | -                | -              | 2                  |
| 500 acres or more .....            |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 500 to 999 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 1,000 acres or more .....          |                           | -             | -              | -                  | -              | -                | -              | -                  |
| Sunflower seed, All .....          | farms<br>acres            | -<br>-        | -<br>-         | 2<br>(D)           | 1<br>(D)       | -<br>(D)         | 2<br>(D)       | -<br>4             |
| Irrigated .....                    | pounds<br>farms<br>acres  | -<br>-        | -<br>-         | -<br>-             | -<br>-         | -<br>-           | -<br>-         | 56<br>46,000       |
| Farms by acres harvested:          |                           |               |                |                    |                |                  |                |                    |
| 1 to 24 acres .....                |                           | -             | -              | 2                  | -              | -                | 2              | 4                  |
| 25 to 99 acres .....               |                           | -             | -              | -                  | 1              | -                | -              | -                  |
| 100 to 249 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 250 to 499 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 500 acres or more .....            |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 500 to 999 acres .....             |                           | -             | -              | -                  | -              | -                | -              | -                  |
| 1,000 acres or more .....          |                           | -             | -              | -                  | -              | -                | -              | -                  |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Montmorency | Muskegon  | Newaygo   | Oakland | Oceana    | Ogemaw  | Ontonagon | Osceola |
|------------------------------------|-------------|-----------|-----------|---------|-----------|---------|-----------|---------|
| Harvested cropland .....           |             |           |           |         |           |         |           |         |
| farms                              | 100         | 347       | 689       | 307     | 540       | 205     | 93        | 437     |
| acres                              | 9,919       | 42,148    | 72,732    | 17,094  | 71,506    | 36,359  | 12,773    | 52,057  |
| Irrigated .....                    | 6           | 63        | 61        | 71      | 43        | 11      | 5         | 14      |
| farms                              |             |           |           |         |           |         |           |         |
| acres                              | 31          | (D)       | 6,596     | 695     | 4,195     | 25      | (D)       | 1,764   |
| Corn for grain .....               |             |           |           |         |           |         |           |         |
| farms                              | 17          | 109       | 243       | 35      | 129       | 60      | 3         | 58      |
| acres                              | 1,450       | 11,103    | 19,202    | 3,288   | 10,322    | 7,756   | 66        | 3,801   |
| bushels                            | 158,281     | 1,170,732 | 2,090,498 | 290,548 | 1,043,174 | 951,518 | 4,400     | 463,516 |
| Irrigated .....                    | -           | 5         | 10        | 1       | 4         | 1       | -         | 5       |
| farms                              |             |           |           |         |           |         |           |         |
| acres                              | -           | (D)       | 2,087     | (D)     | 1,039     | (D)     | -         | 405     |
| Farms by acres harvested:          |             |           |           |         |           |         |           |         |
| 1 to 24 acres .....                | 4           | 45        | 103       | 16      | 55        | 19      | 1         | 30      |
| 25 to 99 acres .....               | 8           | 35        | 88        | 10      | 50        | 14      | 2         | 12      |
| 100 to 249 acres .....             | 4           | 18        | 31        | 4       | 16        | 23      | -         | 12      |
| 250 to 499 acres .....             | 1           | 9         | 14        | 4       | 4         | 3       | -         | 4       |
| 500 acres or more .....            | -           | 2         | 7         | 1       | 4         | 1       | -         | -       |
| 500 to 999 acres .....             | -           | 1         | 7         | 1       | 2         | -       | -         | -       |
| 1,000 acres or more .....          | -           | 1         | -         | -       | 2         | 1       | -         | -       |
| Corn for silage or greenchop ..... |             |           |           |         |           |         |           |         |
| farms                              | 6           | 43        | 114       | 2       | 53        | 45      | 5         | 57      |
| acres                              | 259         | 4,633     | 8,765     | (D)     | 3,684     | 2,562   | 89        | 3,575   |
| tons                               | 3,785       | 66,731    | 128,872   | (D)     | 36,965    | 35,772  | 644       | 50,239  |
| Irrigated .....                    | -           | 2         | 2         | -       | 2         | -       | -         | 3       |
| farms                              |             | (D)       | (D)       | -       | (D)       | -       | -         | 192     |
| acres                              | -           | -         | -         | -       | -         | -       | -         | -       |
| Farms by acres harvested:          |             |           |           |         |           |         |           |         |
| 1 to 24 acres .....                | 2           | 21        | 47        | -       | 31        | 13      | 2         | 19      |
| 25 to 99 acres .....               | 4           | 13        | 42        | 2       | 13        | 22      | 3         | 26      |
| 100 to 249 acres .....             | -           | 5         | 18        | -       | 6         | 10      | -         | 10      |
| 250 to 499 acres .....             | -           | 2         | 6         | -       | 1         | -       | -         | 2       |
| 500 acres or more .....            | -           | 2         | 1         | -       | 2         | -       | -         | -       |
| 500 to 999 acres .....             | -           | 1         | -         | -       | 1         | -       | -         | -       |
| 1,000 acres or more .....          | -           | 1         | 1         | -       | 1         | -       | -         | -       |
| Sorghum for grain .....            |             |           |           |         |           |         |           |         |
| farms                              | -           | -         | -         | -       | -         | -       | -         | -       |
| acres                              | -           | -         | -         | -       | -         | -       | -         | -       |
| bushels                            | -           | -         | -         | -       | -         | -       | -         | -       |
| Irrigated .....                    | -           | -         | -         | -       | -         | -       | -         | -       |
| farms                              |             | -         | -         | -       | -         | -       | -         | -       |
| acres                              | -           | -         | -         | -       | -         | -       | -         | -       |
| Farms by acres harvested:          |             |           |           |         |           |         |           |         |
| 1 to 24 acres .....                | -           | -         | -         | -       | -         | -       | -         | -       |
| 25 to 99 acres .....               | -           | -         | -         | -       | -         | -       | -         | -       |
| 100 to 249 acres .....             | -           | -         | -         | -       | -         | -       | -         | -       |
| 250 to 499 acres .....             | -           | -         | -         | -       | -         | -       | -         | -       |
| 500 acres or more .....            | -           | -         | -         | -       | -         | -       | -         | -       |
| 500 to 999 acres .....             | -           | -         | -         | -       | -         | -       | -         | -       |
| 1,000 acres or more .....          | -           | -         | -         | -       | -         | -       | -         | -       |
| Wheat for grain, All .....         |             |           |           |         |           |         |           |         |
| farms                              | 11          | 32        | 50        | 14      | 39        | 16      | 3         | 17      |
| acres                              | 614         | 1,248     | 1,429     | 1,113   | 1,556     | 1,180   | 25        | 477     |
| bushels                            | 32,077      | 67,599    | 71,545    | 63,306  | 87,979    | 81,205  | 950       | 24,160  |
| Irrigated .....                    | -           | -         | -         | -       | 2         | -       | -         | 1       |
| farms                              |             | -         | -         | -       | (D)       | -       | -         | (D)     |
| acres                              | -           | -         | -         | -       | -         | -       | -         | -       |
| Farms by acres harvested:          |             |           |           |         |           |         |           |         |
| 1 to 24 acres .....                | 3           | 17        | 31        | 1       | 22        | 6       | 3         | 12      |
| 25 to 99 acres .....               | 6           | 12        | 16        | 9       | 12        | -       | -         | 4       |
| 100 to 249 acres .....             | 2           | 3         | 3         | 3       | 5         | 3       | -         | 1       |
| 250 to 499 acres .....             | -           | -         | -         | -       | 1         | -       | -         | -       |
| 500 acres or more .....            | -           | -         | -         | -       | -         | -       | -         | -       |
| 500 to 999 acres .....             | -           | -         | -         | -       | -         | -       | -         | -       |
| 1,000 acres or more .....          | -           | -         | -         | -       | -         | -       | -         | -       |
| Barley for grain .....             |             |           |           |         |           |         |           |         |
| farms                              | 7           | 1         | 3         | -       | 6         | 8       | 7         | 3       |
| acres                              | 307         | (D)       | (D)       | -       | 53        | 750     | 142       | 67      |
| bushels                            | 14,200      | (D)       | (D)       | -       | 2,050     | 45,381  | 6,520     | 3,171   |
| Irrigated .....                    | -           | -         | -         | 1       | -         | -       | -         | 1       |
| farms                              |             | -         | -         | (D)     | -         | -       | -         | (D)     |
| acres                              | -           | -         | -         | -       | -         | -       | -         | -       |
| Farms by acres harvested:          |             |           |           |         |           |         |           |         |
| 1 to 24 acres .....                | 2           | -         | 3         | -       | 6         | 3       | 5         | 2       |
| 25 to 99 acres .....               | 5           | 1         | -         | -       | -         | 3       | 2         | 1       |
| 100 to 249 acres .....             | -           | -         | -         | -       | -         | 1       | -         | -       |
| 250 to 499 acres .....             | -           | -         | -         | -       | -         | 1       | -         | -       |
| 500 acres or more .....            | -           | -         | -         | -       | -         | -       | -         | -       |
| 500 to 999 acres .....             | -           | -         | -         | -       | -         | -       | -         | -       |
| 1,000 acres or more .....          | -           | -         | -         | -       | -         | -       | -         | -       |
| Oats for grain .....               |             |           |           |         |           |         |           |         |
| farms                              | 9           | 21        | 42        | 5       | 26        | 34      | 11        | 29      |
| acres                              | 150         | 524       | 647       | 181     | 515       | 1,157   | 352       | 631     |
| bushels                            | 10,760      | 33,209    | 38,507    | 13,373  | 30,499    | 76,447  | 17,585    | 29,112  |
| Irrigated .....                    | -           | -         | -         | -       | 1         | -       | -         | -       |
| farms                              |             | -         | -         | -       | (D)       | -       | -         | -       |
| acres                              | -           | -         | -         | -       | -         | -       | -         | -       |
| Farms by acres harvested:          |             |           |           |         |           |         |           |         |
| 1 to 24 acres .....                | 6           | 13        | 35        | 1       | 20        | 16      | 8         | 22      |
| 25 to 99 acres .....               | 3           | 7         | 7         | 4       | 6         | 17      | 2         | 6       |
| 100 to 249 acres .....             | -           | 1         | -         | -       | -         | 1       | 1         | 1       |
| 250 to 499 acres .....             | -           | -         | -         | -       | -         | -       | -         | -       |
| 500 acres or more .....            | -           | -         | -         | -       | -         | -       | -         | -       |
| 500 to 999 acres .....             | -           | -         | -         | -       | -         | -       | -         | -       |
| 1,000 acres or more .....          | -           | -         | -         | -       | -         | -       | -         | -       |
| Sunflower seed, All .....          |             |           |           |         |           |         |           |         |
| farms                              | 2           | -         | 1         | -       | -         | -       | -         | -       |
| acres                              | (D)         | -         | (D)       | -       | -         | -       | -         | -       |
| pounds                             | (D)         | -         | (D)       | -       | -         | -       | -         | -       |
| Irrigated .....                    | -           | -         | -         | -       | -         | -       | -         | -       |
| farms                              |             | -         | -         | -       | -         | -       | -         | -       |
| acres                              | -           | -         | -         | -       | -         | -       | -         | -       |
| Farms by acres harvested:          |             |           |           |         |           |         |           |         |
| 1 to 24 acres .....                | -           | -         | 1         | -       | -         | -       | -         | -       |
| 25 to 99 acres .....               | -           | -         | -         | -       | -         | -       | -         | -       |
| 100 to 249 acres .....             | 2           | -         | -         | -       | -         | -       | -         | -       |
| 250 to 499 acres .....             | -           | -         | -         | -       | -         | -       | -         | -       |
| 500 acres or more .....            | -           | -         | -         | -       | -         | -       | -         | -       |
| 500 to 999 acres .....             | -           | -         | -         | -       | -         | -       | -         | -       |
| 1,000 acres or more .....          | -           | -         | -         | -       | -         | -       | -         | -       |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Oscoda                    | Otsego             | Ottawa              | Presque Isle               | Roscommon              | Saginaw                  | St. Clair             | St. Joseph                |                     |
|------------------------------------|---------------------------|--------------------|---------------------|----------------------------|------------------------|--------------------------|-----------------------|---------------------------|---------------------|
| Harvested cropland .....           | farms<br>acres            | 94<br>5,925        | 116<br>12,768       | 1,030<br>120,164           | 237<br>29,611          | 29<br>1,661              | 1,052<br>269,242      | 935<br>133,720            | 653<br>182,020      |
| Irrigated .....                    | farms<br>acres            | 2<br>(D)           | 16<br>456           | 318<br>13,474              | 17<br>1,551            | 5<br>5                   | 52<br>841             | 78<br>841                 | 223<br>103,869      |
| Corn for grain .....               | farms<br>acres<br>bushels | 7<br>241<br>22,608 | 26<br>895<br>95,278 | 306<br>41,254<br>5,047,190 | 47<br>3,920<br>422,638 | 1<br>(D)                 | 608<br>88,674         | 239<br>27,998             | 367<br>90,549       |
| Irrigated .....                    | farms<br>acres            | -<br>-             | 1<br>(D)            | 20<br>2,861                | 4<br>420               | -<br>-                   | 11,631,157<br>838     | 2,997,114<br>(D)          | 161<br>58,376       |
| Farms by acres harvested:          |                           |                    |                     |                            |                        |                          |                       |                           |                     |
| 1 to 24 acres .....                |                           | 4                  | 16                  | 104                        | 21                     | 1                        | 135                   | 85                        | 91                  |
| 25 to 99 acres .....               |                           | 3                  | 6                   | 106                        | 12                     | -                        | 258                   | 86                        | 107                 |
| 100 to 249 acres .....             |                           | -                  | 4                   | 61                         | 9                      | -                        | 109                   | 47                        | 59                  |
| 250 to 499 acres .....             |                           | -                  | -                   | 18                         | 5                      | -                        | 66                    | 14                        | 54                  |
| 500 acres or more .....            |                           | -                  | -                   | 17                         | -                      | -                        | 40                    | 7                         | 56                  |
| 500 to 999 acres .....             |                           | -                  | -                   | 12                         | -                      | -                        | 36                    | 4                         | 33                  |
| 1,000 acres or more .....          |                           | -                  | -                   | 5                          | -                      | -                        | 4                     | 3                         | 23                  |
| Corn for silage or greenchop ..... | farms<br>acres<br>tons    | 20<br>370<br>3,170 | 17<br>457<br>4,937  | 127<br>9,328<br>138,376    | 16<br>848<br>13,777    | 1<br>(D)                 | 49<br>2,014<br>35,985 | 40<br>1,526<br>17,111     | 34<br>532<br>6,916  |
| Irrigated .....                    | farms<br>acres            | -<br>-             | -<br>-              | 3<br>180                   | -<br>-                 | -<br>-                   | 1<br>(D)              | -<br>-                    | 3<br>108            |
| Farms by acres harvested:          |                           |                    |                     |                            |                        |                          |                       |                           |                     |
| 1 to 24 acres .....                |                           | 14                 | 11                  | 42                         | 5                      | 1                        | 25                    | 20                        | 29                  |
| 25 to 99 acres .....               |                           | 6                  | 6                   | 56                         | 8                      | -                        | 21                    | 17                        | 4                   |
| 100 to 249 acres .....             |                           | -                  | -                   | 23                         | 3                      | -                        | 2                     | 3                         | 1                   |
| 250 to 499 acres .....             |                           | -                  | -                   | 4                          | -                      | -                        | 1                     | -                         | -                   |
| 500 acres or more .....            |                           | -                  | -                   | 2                          | -                      | -                        | -                     | -                         | -                   |
| 500 to 999 acres .....             |                           | -                  | -                   | 2                          | -                      | -                        | -                     | -                         | -                   |
| 1,000 acres or more .....          |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| Sorghum for grain .....            | farms<br>acres<br>bushels | -<br>-<br>-        | -<br>-<br>-         | -<br>-<br>-                | 1<br>(D)               | -<br>-                   | 2<br>(D)              | -<br>-                    | -<br>-              |
| Irrigated .....                    | farms<br>acres            | -<br>-             | -<br>-              | -<br>-                     | -<br>-                 | -<br>-                   | -<br>-                | -<br>-                    | -<br>-              |
| Farms by acres harvested:          |                           |                    |                     |                            |                        |                          |                       |                           |                     |
| 1 to 24 acres .....                |                           | -                  | -                   | -                          | -                      | -                        | 2                     | -                         | -                   |
| 25 to 99 acres .....               |                           | -                  | -                   | -                          | 1                      | -                        | -                     | -                         | -                   |
| 100 to 249 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 250 to 499 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 500 acres or more .....            |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 500 to 999 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 1,000 acres or more .....          |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| Wheat for grain, All .....         | farms<br>acres<br>bushels | -<br>-<br>18,826   | 8<br>340<br>196,437 | 112<br>3,644<br>122,436    | 32<br>2,283<br>-       | -<br>24,125<br>1,728,105 | 368<br>6,005<br>1     | 136<br>2,238<br>2,944,874 | 61<br>109,571<br>10 |
| Irrigated .....                    | farms<br>acres            | -<br>-             | -<br>-              | -<br>(D)                   | 1<br>(D)               | -<br>-                   | 2<br>(D)              | -<br>(D)                  | 582                 |
| Farms by acres harvested:          |                           |                    |                     |                            |                        |                          |                       |                           |                     |
| 1 to 24 acres .....                |                           | -                  | 5                   | 71                         | 12                     | -                        | 119                   | 66                        | 32                  |
| 25 to 99 acres .....               |                           | -                  | 2                   | 34                         | 11                     | -                        | 173                   | 53                        | 24                  |
| 100 to 249 acres .....             |                           | -                  | 1                   | 7                          | 8                      | -                        | 65                    | 14                        | 5                   |
| 250 to 499 acres .....             |                           | -                  | -                   | -                          | 1                      | -                        | 8                     | 3                         | -                   |
| 500 acres or more .....            |                           | -                  | -                   | -                          | -                      | -                        | 3                     | -                         | -                   |
| 500 to 999 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | 3                     | -                         | -                   |
| 1,000 acres or more .....          |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| Barley for grain .....             | farms<br>acres<br>bushels | 8<br>83<br>3,310   | 4<br>64<br>3,570    | 10<br>208<br>6,034         | 9<br>170<br>4,845      | -<br>-                   | 2<br>(D)              | 7<br>3,511                | -<br>-              |
| Irrigated .....                    | farms<br>acres            | 1<br>(D)           | -<br>-              | -<br>-                     | -<br>-                 | -<br>-                   | -<br>-                | -<br>-                    | -<br>-              |
| Farms by acres harvested:          |                           |                    |                     |                            |                        |                          |                       |                           |                     |
| 1 to 24 acres .....                |                           | 7                  | 4                   | 7                          | 5                      | -                        | -                     | 7                         | -                   |
| 25 to 99 acres .....               |                           | 1                  | -                   | 3                          | 4                      | -                        | 2                     | -                         | -                   |
| 100 to 249 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 250 to 499 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 500 acres or more .....            |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 500 to 999 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 1,000 acres or more .....          |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| Oats for grain .....               | farms<br>acres<br>bushels | 14<br>121<br>5,255 | 22<br>453<br>24,041 | 47<br>649<br>33,571        | 59<br>2,838<br>161,338 | 3<br>64<br>(D)           | 40<br>495<br>(D)      | 50<br>1,136<br>36,739     | 31<br>460<br>79,753 |
| Irrigated .....                    | farms<br>acres            | -<br>-             | -<br>(D)            | -<br>(D)                   | 1<br>2                 | -<br>-                   | -<br>(D)              | -<br>(D)                  | -<br>-              |
| Farms by acres harvested:          |                           |                    |                     |                            |                        |                          |                       |                           |                     |
| 1 to 24 acres .....                |                           | 13                 | 17                  | 41                         | 31                     | 2                        | 36                    | 34                        | 27                  |
| 25 to 99 acres .....               |                           | 1                  | 4                   | 6                          | 21                     | 1                        | 4                     | 15                        | 4                   |
| 100 to 249 acres .....             |                           | -                  | 1                   | -                          | 6                      | -                        | -                     | 1                         | -                   |
| 250 to 499 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 500 acres or more .....            |                           | -                  | -                   | -                          | 1                      | -                        | -                     | -                         | -                   |
| 500 to 999 acres .....             |                           | -                  | -                   | -                          | 1                      | -                        | -                     | -                         | -                   |
| 1,000 acres or more .....          |                           | -                  | -                   | -                          | 1                      | -                        | -                     | -                         | -                   |
| Sunflower seed, All .....          | farms<br>acres<br>pounds  | 1<br>(D)<br>(D)    | 1<br>(D)<br>(D)     | -<br>48                    | 4<br>110,020           | -<br>-                   | 1<br>(D)<br>(D)       | 4<br>9,050                | -<br>-              |
| Irrigated .....                    | farms<br>acres            | -<br>-             | -<br>-              | -<br>-                     | -<br>-                 | -<br>-                   | -<br>-                | -<br>-                    | -<br>-              |
| Farms by acres harvested:          |                           |                    |                     |                            |                        |                          |                       |                           |                     |
| 1 to 24 acres .....                |                           | -                  | 1                   | -                          | 4                      | -                        | 1                     | 4                         | -                   |
| 25 to 99 acres .....               |                           | 1                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 100 to 249 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 250 to 499 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 500 acres or more .....            |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 500 to 999 acres .....             |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |
| 1,000 acres or more .....          |                           | -                  | -                   | -                          | -                      | -                        | -                     | -                         | -                   |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                               | Sanilac    | Schoolcraft | Shiawassee | Tuscola    | Van Buren | Washtenaw | Wayne   | Wexford |
|------------------------------------|------------|-------------|------------|------------|-----------|-----------|---------|---------|
| Harvested cropland .....           | 1,145      | 41          | 805        | 911        | 865       | 915       | 187     | 258     |
| farms                              | 340,659    | 5,192       | 185,271    | 270,006    | 107,184   | 122,754   | 14,269  | 18,399  |
| acres                              | 43         | 5           | 29         | 63         | 214       | 98        | 57      | 18      |
| Irrigated .....                    | 43         | 5           | 29         | 63         | 214       | 98        | 57      | 18      |
| farms                              | 1,149      | 7           | 2,121      | 5,785      | 23,715    | 1,988     | 1,057   | 425     |
| acres                              | 537        | 2           | 387        | 505        | 169       | 321       | 34      | 48      |
| Corn for grain .....               | 78,403     | (D)         | 50,049     | 79,706     | 31,870    | 39,021    | 2,350   | 1,316   |
| bushels                            | 10,177,774 | (D)         | 4,957,215  | 10,367,130 | 3,411,791 | 3,977,955 | 250,767 | 137,107 |
| Irrigated .....                    | 3          | -           | 6          | 19         | 33        | 10        | -       | -       |
| farms                              | 119        | -           | 173        | 2,836      | 5,364     | 600       | -       | -       |
| Farms by acres harvested:          |            |             |            |            |           |           |         |         |
| 1 to 24 acres .....                | 114        | 1           | 90         | 132        | 43        | 68        | 15      | 37      |
| 25 to 99 acres .....               | 189        | 1           | 154        | 171        | 62        | 136       | 11      | 8       |
| 100 to 249 acres .....             | 149        | -           | 94         | 98         | 38        | 76        | 4       | 3       |
| 250 to 499 acres .....             | 54         | -           | 30         | 71         | 12        | 23        | 4       | -       |
| 500 acres or more .....            | 31         | -           | 19         | 33         | 14        | 18        | -       | -       |
| 500 to 999 acres .....             | 23         | -           | 14         | 24         | 7         | 18        | -       | -       |
| 1,000 acres or more .....          | 8          | -           | 5          | 9          | 7         | -         | -       | -       |
| Corn for silage or greenchop ..... | 234        | 1           | 48         | 74         | 27        | 65        | 2       | 21      |
| farms                              | 14,714     | (D)         | 3,824      | 3,614      | 1,634     | 3,372     | (D)     | 644     |
| acres                              | 233,882    | (D)         | 46,192     | 54,085     | 23,032    | 47,731    | (D)     | 8,117   |
| Irrigated .....                    | 2          | -           | -          | 2          | 2         | 2         | -       | -       |
| farms                              | (D)        | -           | -          | (D)        | (D)       | (D)       | -       | -       |
| Farms by acres harvested:          |            |             |            |            |           |           |         |         |
| 1 to 24 acres .....                | 82         | -           | 17         | 38         | 15        | 22        | 2       | 15      |
| 25 to 99 acres .....               | 101        | 1           | 20         | 26         | 7         | 34        | -       | 5       |
| 100 to 249 acres .....             | 45         | -           | 6          | 7          | 3         | 7         | -       | 1       |
| 250 to 499 acres .....             | 4          | -           | 4          | 3          | 2         | 2         | -       | -       |
| 500 acres or more .....            | 2          | -           | 1          | -          | -         | -         | -       | -       |
| 500 to 999 acres .....             | 2          | -           | 1          | -          | -         | -         | -       | -       |
| 1,000 acres or more .....          | -          | -           | -          | -          | -         | -         | -       | -       |
| Sorghum for grain .....            | -          | -           | -          | 2          | 1         | -         | -       | -       |
| farms                              | -          | -           | -          | (D)        | (D)       | -         | -       | -       |
| acres                              | -          | -           | -          | (D)        | (D)       | -         | -       | -       |
| Irrigated .....                    | -          | -           | -          | -          | -         | -         | -       | -       |
| Farms by acres harvested:          |            |             |            |            |           |           |         |         |
| 1 to 24 acres .....                | -          | -           | -          | 2          | 1         | -         | -       | -       |
| 25 to 99 acres .....               | -          | -           | -          | -          | -         | -         | -       | -       |
| 100 to 249 acres .....             | -          | -           | -          | -          | -         | -         | -       | -       |
| 250 to 499 acres .....             | -          | -           | -          | -          | -         | -         | -       | -       |
| 500 acres or more .....            | -          | -           | -          | -          | -         | -         | -       | -       |
| 500 to 999 acres .....             | -          | -           | -          | -          | -         | -         | -       | -       |
| 1,000 acres or more .....          | -          | -           | -          | -          | -         | -         | -       | -       |
| Wheat for grain, All .....         | 373        | 2           | 290        | 241        | 24        | 205       | 10      | 10      |
| farms                              | 34,100     | (D)         | 22,406     | 19,450     | 804       | 10,887    | 357     | 484     |
| acres                              | 2,368,640  | (D)         | 1,377,520  | 1,434,624  | 37,892    | 637,789   | 21,959  | 24,302  |
| Irrigated .....                    | -          | -           | 1          | 6          | 1         | 1         | -       | -       |
| farms                              | -          | -           | (D)        | 231        | (D)       | (D)       | -       | -       |
| Farms by acres harvested:          |            |             |            |            |           |           |         |         |
| 1 to 24 acres .....                | 79         | 1           | 76         | 63         | 14        | 58        | 4       | 8       |
| 25 to 99 acres .....               | 187        | -           | 147        | 125        | 8         | 120       | 6       | 1       |
| 100 to 249 acres .....             | 82         | 1           | 51         | 43         | 2         | 26        | -       | -       |
| 250 to 499 acres .....             | 21         | -           | 15         | 5          | -         | 1         | -       | 1       |
| 500 acres or more .....            | 4          | -           | 1          | 5          | -         | -         | -       | -       |
| 500 to 999 acres .....             | 4          | -           | 1          | 4          | -         | -         | -       | -       |
| 1,000 acres or more .....          | -          | -           | -          | 1          | -         | -         | -       | -       |
| Barley for grain .....             | 16         | 2           | 8          | 6          | 1         | 10        | -       | 1       |
| farms                              | 382        | (D)         | 206        | 226        | (D)       | 120       | -       | (D)     |
| acres                              | 23,835     | (D)         | 11,532     | 15,645     | (D)       | 5,338     | -       | (D)     |
| Irrigated .....                    | -          | -           | -          | -          | -         | -         | -       | -       |
| Farms by acres harvested:          |            |             |            |            |           |           |         |         |
| 1 to 24 acres .....                | 10         | 1           | 7          | 2          | 1         | 10        | -       | 1       |
| 25 to 99 acres .....               | 6          | -           | -          | 4          | -         | -         | -       | -       |
| 100 to 249 acres .....             | -          | 1           | 1          | -          | -         | -         | -       | -       |
| 250 to 499 acres .....             | -          | -           | -          | -          | -         | -         | -       | -       |
| 500 acres or more .....            | -          | -           | -          | -          | -         | -         | -       | -       |
| 500 to 999 acres .....             | -          | -           | -          | -          | -         | -         | -       | -       |
| 1,000 acres or more .....          | -          | -           | -          | -          | -         | -         | -       | -       |
| Oats for grain .....               | 180        | 12          | 62         | 75         | 20        | 56        | 2       | 21      |
| farms                              | 5,515      | 523         | 1,991      | 1,898      | 292       | 826       | (D)     | 803     |
| acres                              | 428,846    | 33,263      | 143,129    | 133,223    | 11,629    | 49,411    | (D)     | 46,074  |
| Irrigated .....                    | -          | -           | -          | 4          | -         | -         | -       | -       |
| Farms by acres harvested:          |            |             |            |            |           |           |         |         |
| 1 to 24 acres .....                | 105        | 8           | 39         | 55         | 17        | 47        | 2       | 13      |
| 25 to 99 acres .....               | 67         | 3           | 21         | 14         | 3         | 9         | -       | 6       |
| 100 to 249 acres .....             | 8          | -           | 1          | 6          | -         | -         | -       | 2       |
| 250 to 499 acres .....             | -          | 1           | 1          | -          | -         | -         | -       | -       |
| 500 acres or more .....            | -          | -           | -          | -          | -         | -         | -       | -       |
| 500 to 999 acres .....             | -          | -           | -          | -          | -         | -         | -       | -       |
| 1,000 acres or more .....          | -          | -           | -          | -          | -         | -         | -       | -       |
| Sunflower seed, All .....          | 2          | -           | 1          | 3          | 2         | 2         | -       | 1       |
| farms                              | (D)        | -           | (D)        | 12         | (D)       | (D)       | -       | (D)     |
| acres                              | (D)        | -           | (D)        | 7,000      | (D)       | (D)       | -       | (D)     |
| Irrigated .....                    | -          | -           | -          | -          | -         | -         | -       | -       |
| Farms by acres harvested:          |            |             |            |            |           |           |         |         |
| 1 to 24 acres .....                | 2          | -           | 1          | 3          | 1         | 2         | -       | 1       |
| 25 to 99 acres .....               | -          | -           | -          | -          | -         | -         | -       | -       |
| 100 to 249 acres .....             | -          | -           | -          | -          | 1         | -         | -       | -       |
| 250 to 499 acres .....             | -          | -           | -          | -          | -         | -         | -       | -       |
| 500 acres or more .....            | -          | -           | -          | -          | -         | -         | -       | -       |
| 500 to 999 acres .....             | -          | -           | -          | -          | -         | -         | -       | -       |
| 1,000 acres or more .....          | -          | -           | -          | -          | -         | -         | -       | -       |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan                    | Alcona                            | Alger                   | Allegan               | Alpena                     | Antrim                  | Arenac                 |                         |
|--|-----------------------------|-----------------------------------|-------------------------|-----------------------|----------------------------|-------------------------|------------------------|-------------------------|
| Soybeans for beans   | farms<br>acres<br>bushels   | 11,683<br>2,055,424<br>78,197,248 | 2<br>(D)                | -                     | 234<br>42,092<br>1,763,359 | 10<br>1,045<br>38,552   | 1<br>(D)<br>(D)        | 87<br>12,505<br>526,256 |
| Irrigated  | farms<br>acres              | 558<br>84,180                     | -                       | -                     | 14<br>780                  | -                       | -                      |                         |
| Farms by acres harvested:  |                             |                                   |                         |                       |                            |                         |                        |                         |
| 1 to 24 acres  |                             | 2,079                             | 1                       | -                     | 43                         | -                       | 10                     |                         |
| 25 to 99 acres   |                             | 4,526                             | 1                       | -                     | 86                         | 5                       | 37                     |                         |
| 100 to 249 acres   |                             | 2,706                             | -                       | -                     | 63                         | 5                       | 25                     |                         |
| 250 to 499 acres   |                             | 1,357                             | -                       | -                     | 22                         | -                       | 12                     |                         |
| 500 acres or more  |                             | 1,015                             | -                       | -                     | 20                         | -                       | 3                      |                         |
| 500 to 999 acres   |                             | 762                               | -                       | -                     | 12                         | -                       | 3                      |                         |
| 1,000 acres or more  |                             | 253                               | -                       | -                     | 8                          | -                       | -                      |                         |
| Dry edible beans, excluding limas  | farms<br>acres<br>cwt       | 1,587<br>259,026<br>4,862,193     | 10<br>818<br>14,006     | -                     | -                          | 9<br>1,528<br>27,740    | 43<br>7,414<br>138,002 |                         |
| Irrigated  | farms<br>acres              | 82<br>13,183                      | -                       | -                     | -                          | -                       | -                      |                         |
| Farms by acres harvested:  |                             |                                   |                         |                       |                            |                         |                        |                         |
| 1 to 24 acres  |                             | 239                               | -                       | -                     | -                          | -                       | 2                      |                         |
| 25 to 99 acres   |                             | 594                               | 8                       | -                     | -                          | 3                       | 18                     |                         |
| 100 to 249 acres   |                             | 419                               | 2                       | -                     | -                          | 4                       | 14                     |                         |
| 250 to 499 acres   |                             | 236                               | -                       | -                     | -                          | 2                       | 6                      |                         |
| 500 acres or more  |                             | 99                                | -                       | -                     | -                          | -                       | 3                      |                         |
| 500 to 999 acres   |                             | 84                                | -                       | -                     | -                          | -                       | 3                      |                         |
| 1,000 acres or more  |                             | 15                                | -                       | -                     | -                          | -                       | -                      |                         |
| Potatoes   | farms<br>acres<br>cwt       | 395<br>45,840<br>14,212,892       | -<br>(D)<br>(D)         | 2<br>1,547<br>467,612 | 8<br>2<br>5                | 5<br>2<br>312           | 6<br>(D)<br>(D)        |                         |
| Irrigated  | farms<br>acres              | 191<br>38,016                     | -                       | -                     | 1,526                      | -                       | 3<br>(D)<br>(D)        |                         |
| Farms by acres harvested:  |                             |                                   |                         |                       |                            |                         |                        |                         |
| 0.1 to 4.9 acres   |                             | 215                               | -                       | 1                     | 1                          | 5                       | 4                      |                         |
| 5.0 to 24.9 acres  |                             | 44                                | -                       | -                     | 3                          | -                       | 1                      |                         |
| 25.0 to 99.9 acres   |                             | 47                                | -                       | 1                     | -                          | -                       | -                      |                         |
| 100.0 to 249.9 acres   |                             | 45                                | -                       | -                     | 1                          | -                       | -                      |                         |
| 250.0 to 499.9 acres   |                             | 24                                | -                       | -                     | 1                          | -                       | -                      |                         |
| 500.0 acres or more  |                             | 20                                | -                       | -                     | 2                          | -                       | -                      |                         |
| 500.0 to 999.9 acres   |                             | 11                                | -                       | -                     | 2                          | -                       | -                      |                         |
| 1,000.0 acres or more  |                             | 9                                 | -                       | -                     | -                          | 1                       | -                      |                         |
| Sugarbeets for sugar   | farms<br>acres<br>tons      | 989<br>180,054<br>3,324,568       | -<br>(D)                | -                     | -                          | -                       | 31<br>5,486<br>101,463 |                         |
| Irrigated  | farms<br>acres              | 46<br>(D)                         | -                       | -                     | -                          | -                       | -                      |                         |
| Farms by acres harvested:  |                             |                                   |                         |                       |                            |                         |                        |                         |
| 1 to 24 acres  |                             | 105                               | -                       | -                     | -                          | -                       | 2                      |                         |
| 25 to 99 acres   |                             | 324                               | -                       | -                     | -                          | -                       | 10                     |                         |
| 100 to 249 acres   |                             | 323                               | -                       | -                     | -                          | -                       | 10                     |                         |
| 250 to 499 acres   |                             | 167                               | -                       | -                     | -                          | -                       | 7                      |                         |
| 500 acres or more  |                             | 70                                | -                       | -                     | -                          | -                       | 2                      |                         |
| 500 to 999 acres   |                             | 55                                | -                       | -                     | -                          | -                       | 2                      |                         |
| 1,000 acres or more  |                             | 15                                | -                       | -                     | -                          | -                       | -                      |                         |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) | farms<br>acres<br>tons, dry | 22,067<br>1,212,603<br>3,557,828  | 147<br>14,296<br>35,106 | 42<br>4,912<br>10,357 | 671<br>31,877<br>100,997   | 318<br>23,126<br>68,031 | 143<br>9,531<br>22,813 |                         |
| Irrigated  | farms<br>acres              | 454<br>17,414                     | 1<br>(D)                | 1<br>(D)              | 10<br>4<br>120             | 5<br>(D)                | 138<br>-<br>-          |                         |
| Farms by acres harvested:  |                             |                                   |                         |                       |                            |                         |                        |                         |
| 1 to 24 acres  |                             | 10,974                            | 38                      | 9                     | 393                        | 107                     | 60                     |                         |
| 25 to 99 acres   |                             | 7,871                             | 67                      | 13                    | 204                        | 151                     | 54                     |                         |
| 100 to 249 acres   |                             | 2,381                             | 27                      | 13                    | 53                         | 44                      | 21                     |                         |
| 250 to 499 acres   |                             | 632                               | 13                      | 7                     | 14                         | 13                      | 7                      |                         |
| 500 acres or more  |                             | 209                               | 2                       | -                     | 7                          | 3                       | 1                      |                         |
| 500 to 999 acres   |                             | 192                               | 2                       | -                     | 7                          | 2                       | 1                      |                         |
| 1,000 acres or more  |                             | 17                                | -                       | -                     | -                          | 1                       | 1                      |                         |
| Vegetables harvested for<br>sale (see text)  | farms<br>acres              | 2,519<br>137,887                  | 4<br>2                  | 3<br>(D)              | 77<br>7,953                | 21<br>144               | 30<br>306              |                         |
| Farms by acres harvested:  |                             |                                   |                         |                       |                            |                         |                        |                         |
| 0.1 to 4.9 acres   |                             | 1,023                             | 4                       | 3                     | 16                         | 13                      | 22                     |                         |
| 5.0 to 24.9 acres  |                             | 740                               | -                       | -                     | 25                         | 5                       | 4                      |                         |
| 25.0 to 99.9 acres   |                             | 420                               | -                       | -                     | 14                         | 3                       | 4                      |                         |
| 100.0 to 249.9 acres   |                             | 195                               | -                       | -                     | 11                         | -                       | 1                      |                         |
| 250.0 to 499.9 acres   |                             | 95                                | -                       | -                     | 9                          | -                       | 4                      |                         |
| 500.0 acres or more  |                             | 46                                | -                       | -                     | 2                          | -                       | 2                      |                         |
| 500.0 to 749.9 acres   |                             | 25                                | -                       | -                     | -                          | -                       | 2                      |                         |
| 750.0 to 999.9 acres   |                             | 10                                | -                       | -                     | 1                          | -                       | -                      |                         |
| 1,000.0 acres or more  |                             | 11                                | -                       | -                     | 1                          | -                       | -                      |                         |
| Land in orchards   | farms<br>acres              | 2,601<br>118,166                  | 14<br>109               | 2<br>(D)              | 72<br>1,880                | 15<br>43                | 80<br>4,761            |                         |
| Irrigated  | farms<br>acres              | 478<br>13,264                     | -                       | -                     | 9<br>112                   | 4<br>9                  | 18<br>500              |                         |
| Farms by bearing and nonbearing acres:   |                             |                                   |                         |                       |                            |                         |                        |                         |
| 0.1 to 4.9 acres   |                             | 943                               | 6                       | 1                     | 30                         | 10                      | 26                     |                         |
| 5.0 to 24.9 acres  |                             | 805                               | 8                       | 1                     | 24                         | 5                       | 26                     |                         |
| 25.0 to 99.9 acres   |                             | 539                               | -                       | -                     | 13                         | -                       | 13                     |                         |
| 100.0 to 249.9 acres   |                             | 216                               | -                       | -                     | 4                          | -                       | 13                     |                         |
| 250.0 to 499.9 acres   |                             | 75                                | -                       | -                     | 1                          | -                       | 1                      |                         |
| 500.0 acres or more  |                             | 23                                | -                       | -                     | -                          | -                       | 1                      |                         |
| 500.0 to 749.9 acres   |                             | 12                                | -                       | -                     | -                          | -                       | -                      |                         |
| 750.0 to 999.9 acres   |                             | 3                                 | -                       | -                     | -                          | -                       | -                      |                         |
| 1,000.0 acres or more  |                             | 8                                 | -                       | -                     | -                          | -                       | 1                      |                         |

--continued

**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Baraga                      | Barry                                   | Bay                        | Benzie                 | Berrien                    | Branch                     | Calhoun                    |
|--|-----------------------------|---|----------------------------|------------------------|----------------------------|----------------------------|----------------------------|
| Soybeans for beans   | farms<br>acres<br>bushels   | -<br>141<br>30,838<br>1,244,020         | 344<br>43,622<br>1,772,784 | -<br>-<br>5            | 244<br>51,409<br>1,995,799 | 350<br>76,960<br>2,773,904 | 416<br>69,339<br>2,729,212 |
| Irrigated  | farms<br>acres              | -<br>4<br>249                           | 800                        | -<br>-<br>5            | 25<br>5,382                | 66<br>13,752               | 22<br>3,433                |
| Farms by acres harvested:  |                             |   |                            |                        |                            |                            |                            |
| 1 to 24 acres  |                             | 26                                      | 55                         | -                      | 36                         | 60                         | 81                         |
| 25 to 99 acres   |                             | 42                                      | 155                        | -                      | 105                        | 115                        | 152                        |
| 100 to 249 acres   |                             | 30                                      | 88                         | -                      | 44                         | 80                         | 104                        |
| 250 to 499 acres   |                             | 24                                      | 35                         | -                      | 30                         | 48                         | 47                         |
| 500 acres or more  |                             | 19                                      | 11                         | -                      | 29                         | 47                         | 32                         |
| 500 to 999 acres   |                             | 15                                      | 8                          | -                      | 20                         | 33                         | 24                         |
| 1,000 acres or more  |                             | 4                                       | 3                          | -                      | 9                          | 14                         | 8                          |
| Dry edible beans, excluding limas  | farms<br>acres<br>cwt       | -<br>-<br>174<br>26,165<br>485,837      | -<br>-<br>4                | -<br>(D)<br>(D)        | 1<br>-<br>-                | 5<br>(D)<br>2              | 7<br>209<br>2,487          |
| Irrigated  | farms<br>acres              | -<br>-<br>228                           | -                          | -<br>-                 | -<br>(D)                   | -<br>-                     | -                          |
| Farms by acres harvested:  |                             |   |                            |                        |                            |                            |                            |
| 1 to 24 acres  |                             | -                                       | 23                         | -                      | -                          | 3                          | 5                          |
| 25 to 99 acres   |                             | -                                       | 66                         | -                      | -                          | 1                          | 2                          |
| 100 to 249 acres   |                             | -                                       | 48                         | -                      | 1                          | 1                          | -                          |
| 250 to 499 acres   |                             | -                                       | 31                         | -                      | -                          | -                          | -                          |
| 500 acres or more  |                             | -                                       | 6                          | -                      | -                          | -                          | -                          |
| 500 to 999 acres   |                             | -                                       | 6                          | -                      | -                          | -                          | -                          |
| 1,000 acres or more  |                             | -                                       | -                          | -                      | -                          | -                          | -                          |
| Potatoes   | farms<br>acres<br>cwt       | -<br>-<br>2<br>2,263<br>569,044         | -<br>-<br>14<br>1,113      | -<br>3,741<br>6<br>11  | 16<br>39<br>6<br>11        | 10<br>186<br>5<br>157      | 3<br>1<br>3<br>1           |
| Irrigated  | farms<br>acres              | -<br>-<br>(D)                           | -<br>-                     | -<br>-                 | -<br>-                     | -<br>-                     | -                          |
| Farms by acres harvested:  |                             |   |                            |                        |                            |                            |                            |
| 0.1 to 4.9 acres   |                             | -<br>2                                  | 4                          | -                      | 13                         | 6                          | 3                          |
| 5.0 to 24.9 acres  |                             | -<br>-                                  | 4                          | -                      | 3                          | -                          | -                          |
| 25.0 to 99.9 acres   |                             | -<br>-                                  | 11                         | -                      | -                          | 3                          | -                          |
| 100.0 to 249.9 acres   |                             | -<br>-                                  | 5                          | -                      | -                          | 1                          | -                          |
| 250.0 to 499.9 acres   |                             | -<br>-                                  | 1                          | -                      | -                          | -                          | -                          |
| 500.0 acres or more  |                             | -<br>-                                  | 1                          | -                      | -                          | -                          | -                          |
| 500.0 to 999.9 acres   |                             | -<br>-                                  | 1                          | -                      | -                          | -                          | -                          |
| 1,000.0 acres or more  |                             | -<br>-                                  | -                          | -                      | -                          | -                          | -                          |
| Sugarbeets for sugar   | farms<br>acres<br>tons      | -<br>-<br>-<br>167<br>20,588<br>341,126 | -<br>-<br>-<br>10<br>596   | -<br>-<br>-<br>-       | -<br>-<br>-<br>-           | -<br>-<br>-<br>-           | -<br>-<br>-<br>-           |
| Irrigated  | farms<br>acres              | -<br>-<br>-                             | -<br>-                     | -<br>-                 | -<br>-                     | -<br>-                     | -                          |
| Farms by acres harvested:  |                             |   |                            |                        |                            |                            |                            |
| 1 to 24 acres  |                             | -<br>-                                  | 19                         | -                      | -                          | -                          | -                          |
| 25 to 99 acres   |                             | -<br>-                                  | 68                         | -                      | -                          | -                          | -                          |
| 100 to 249 acres   |                             | -<br>-                                  | 58                         | -                      | -                          | -                          | -                          |
| 250 to 499 acres   |                             | -<br>-                                  | 18                         | -                      | -                          | -                          | -                          |
| 500 acres or more  |                             | -<br>-                                  | 4                          | -                      | -                          | -                          | -                          |
| 500 to 999 acres   |                             | -<br>-                                  | 4                          | -                      | -                          | -                          | -                          |
| 1,000 acres or more  |                             | -<br>-                                  | -                          | -                      | -                          | -                          | -                          |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) | farms<br>acres<br>tons, dry | 51<br>4,845<br>8,215                    | 497<br>24,630<br>79,769    | 170<br>5,821<br>18,455 | 72<br>2,819<br>5,607       | 231<br>5,750<br>18,527     | 380<br>10,758<br>35,959    |
| Irrigated  | farms<br>acres              | -<br>-<br>(D)                           | -<br>19<br>806             | -<br>4<br>38           | -<br>3<br>(D)              | -<br>4<br>(D)              | -<br>19<br>545<br>(D)      |
| Farms by acres harvested:  |                             |   |                            |                        |                            |                            |                            |
| 1 to 24 acres  |                             | 16                                      | 261                        | 117                    | 39                         | 158                        | 260                        |
| 25 to 99 acres   |                             | 19                                      | 179                        | 40                     | 28                         | 66                         | 100                        |
| 100 to 249 acres   |                             | 10                                      | 41                         | 9                      | 4                          | 7                          | 17                         |
| 250 to 499 acres   |                             | 5                                       | 14                         | 3                      | 1                          | -                          | 3                          |
| 500 acres or more  |                             | 1                                       | 2                          | 1                      | -                          | -                          | 1                          |
| 500 to 999 acres   |                             | 1                                       | 2                          | 1                      | -                          | -                          | 1                          |
| 1,000 acres or more  |                             | -                                       | -                          | -                      | -                          | -                          | -                          |
| Vegetables harvested for<br>sale (see text)  | farms<br>acres              | 2<br>(D)                                | 25<br>82                   | 73<br>3,491            | 21<br>177                  | 155<br>7,391               | 32<br>2,639                |
| Farms by acres harvested:  |                             |   |                            |                        |                            |                            |                            |
| 0.1 to 4.9 acres   |                             | 2                                       | 18                         | 12                     | 15                         | 50                         | 10                         |
| 5.0 to 24.9 acres  |                             | -<br>-                                  | 7                          | 31                     | 4                          | 52                         | 6                          |
| 25.0 to 99.9 acres   |                             | -<br>-                                  | -<br>-                     | 20                     | 2                          | 32                         | 6                          |
| 100.0 to 249.9 acres   |                             | -<br>-                                  | -<br>-                     | 9                      | -                          | 13                         | 6                          |
| 250.0 to 499.9 acres   |                             | -<br>-                                  | -<br>-                     | -                      | -                          | 8                          | 4                          |
| 500.0 acres or more  |                             | -<br>-                                  | -<br>-                     | 1                      | -                          | -                          | -                          |
| 500.0 to 749.9 acres   |                             | -<br>-                                  | -<br>-                     | 1                      | -                          | -                          | -                          |
| 750.0 to 999.9 acres   |                             | -<br>-                                  | -<br>-                     | -                      | -                          | -                          | -                          |
| 1,000.0 acres or more  |                             | -<br>-                                  | -<br>-                     | -                      | -                          | -                          | -                          |
| Land in orchards   | farms<br>acres              | 5<br>58                                 | 18<br>46                   | 25<br>87               | 38<br>2,941                | 369<br>16,352              | 7<br>111                   |
| Irrigated  | farms<br>acres              | -<br>-                                  | 3<br>9                     | 3<br>4                 | 10<br>148                  | 47<br>1,261                | -<br>-                     |
| Farms by bearing and nonbearing acres:   |                             |   |                            |                        |                            |                            |                            |
| 0.1 to 4.9 acres   |                             | -<br>-                                  | 14                         | 14                     | 5                          | 76                         | 4                          |
| 5.0 to 24.9 acres  |                             | 4                                       | 4                          | 11                     | 10                         | 150                        | 2                          |
| 25.0 to 99.9 acres   |                             | 1                                       | -                          | -                      | 14                         | 99                         | 1                          |
| 100.0 to 249.9 acres   |                             | -<br>-                                  | -<br>-                     | -                      | 4                          | 33                         | -                          |
| 250.0 to 499.9 acres   |                             | -<br>-                                  | -<br>-                     | -                      | 5                          | 8                          | -                          |
| 500.0 acres or more  |                             | -<br>-                                  | -<br>-                     | -                      | -                          | 3                          | -                          |
| 500.0 to 749.9 acres   |                             | -<br>-                                  | -<br>-                     | -                      | -                          | 2                          | -                          |
| 750.0 to 999.9 acres   |                             | -<br>-                                  | -<br>-                     | -                      | -                          | 1                          | -                          |
| 1,000.0 acres or more  |                             | -<br>-                                  | -<br>-                     | -                      | -                          | -                          | -                          |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Cass                        | Charlevoix                 | Cheboygan               | Chippewa                | Clare                   | Clinton                 | Crawford                   |
|--|-----------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|
| Soybeans for beans   | farms<br>acres<br>bushels   | 237<br>48,003<br>1,815,927 | 3<br>(D)                | -                       | -                       | 8<br>614<br>22,330      | 501<br>82,978<br>3,219,626 |
| Irrigated  | farms<br>acres              | 41<br>4,822                | -                       | -                       | -                       | -                       | 11<br>610                  |
| Farms by acres harvested:  |                             |                            |                         |                         |                         |                         |                            |
| 1 to 24 acres  |                             | 30                         | 1                       | -                       | 1                       | 99                      | -                          |
| 25 to 99 acres   |                             | 82                         | 1                       | -                       | 5                       | 223                     | -                          |
| 100 to 249 acres   |                             | 60                         | 1                       | -                       | 2                       | 95                      | -                          |
| 250 to 499 acres   |                             | 37                         | -                       | -                       | -                       | 36                      | -                          |
| 500 acres or more  |                             | 28                         | -                       | -                       | -                       | 48                      | -                          |
| 500 to 999 acres   |                             | 24                         | -                       | -                       | -                       | 35                      | -                          |
| 1,000 acres or more  |                             | 4                          | -                       | -                       | -                       | 13                      | -                          |
| Dry edible beans, excluding limas  | farms<br>acres<br>cwt       | 2<br>(D)<br>(D)            | -                       | -                       | -                       | 10<br>1,042<br>23,574   | -                          |
| Irrigated  | farms<br>acres              | -                          | -                       | -                       | -                       | 1<br>(D)                | -                          |
| Farms by acres harvested:  |                             |                            |                         |                         |                         |                         |                            |
| 1 to 24 acres  |                             | 1                          | -                       | -                       | -                       | 2                       | -                          |
| 25 to 99 acres   |                             | -                          | -                       | -                       | -                       | 4                       | -                          |
| 100 to 249 acres   |                             | 1                          | -                       | -                       | -                       | 4                       | -                          |
| 250 to 499 acres   |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 500 acres or more  |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 500 to 999 acres   |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 1,000 acres or more  |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| Potatoes   | farms<br>acres<br>cwt       | 1<br>(D)<br>(D)            | 1<br>(D)<br>(D)         | 1<br>(D)<br>(D)         | 2<br>(D)<br>(D)         | 2<br>(D)<br>(D)         | 2<br>(D)<br>(D)            |
| Irrigated  | farms<br>acres              | 1<br>(D)                   | -                       | 1<br>(D)                | 2<br>(D)                | -                       | 2<br>(D)                   |
| Farms by acres harvested:  |                             |                            |                         |                         |                         |                         |                            |
| 0.1 to 4.9 acres   |                             | 1                          | 1                       | 1                       | 2                       | 2                       | -                          |
| 5.0 to 24.9 acres  |                             | -                          | -                       | -                       | -                       | -                       | 1                          |
| 25.0 to 99.9 acres   |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 100.0 to 249.9 acres   |                             | -                          | -                       | -                       | -                       | -                       | 1                          |
| 250.0 to 499.9 acres   |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 500.0 acres or more  |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 500.0 to 999.9 acres   |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 1,000.0 acres or more  |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| Sugarbeets for sugar   | farms<br>acres<br>tons      | 2<br>(D)<br>(D)            | -                       | 1<br>(D)<br>(D)         | -                       | -                       | 3<br>(D)                   |
| Irrigated  | farms<br>acres              | -                          | -                       | -                       | -                       | -                       | 15,230<br>(D)              |
| Farms by acres harvested:  |                             |                            |                         |                         |                         |                         |                            |
| 1 to 24 acres  |                             | 1                          | -                       | 1                       | -                       | -                       | -                          |
| 25 to 99 acres   |                             | 1                          | -                       | -                       | -                       | -                       | 1                          |
| 100 to 249 acres   |                             | -                          | -                       | -                       | -                       | -                       | 1                          |
| 250 to 499 acres   |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 500 acres or more  |                             | -                          | -                       | -                       | -                       | -                       | 1                          |
| 500 to 999 acres   |                             | -                          | -                       | -                       | -                       | -                       | 1                          |
| 1,000 acres or more  |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) | farms<br>acres<br>tons, dry | 335<br>11,523<br>33,181    | 182<br>10,571<br>23,755 | 163<br>14,659<br>31,483 | 249<br>32,174<br>61,768 | 262<br>18,448<br>46,827 | 432<br>22,244<br>78,089    |
| Irrigated  | farms<br>acres              | 7<br>148                   | 4<br>(D)                | 3<br>3                  | 3<br>193                | 7<br>463                | 6<br>99                    |
| Farms by acres harvested:  |                             |                            |                         |                         |                         |                         |                            |
| 1 to 24 acres  |                             | 207                        | 78                      | 52                      | 35                      | 98                      | 241                        |
| 25 to 99 acres   |                             | 105                        | 76                      | 68                      | 116                     | 113                     | 138                        |
| 100 to 249 acres   |                             | 19                         | 23                      | 30                      | 61                      | 36                      | 41                         |
| 250 to 499 acres   |                             | 3                          | 3                       | 8                       | 26                      | 10                      | 5                          |
| 500 acres or more  |                             | 1                          | 2                       | 5                       | 11                      | 5                       | 7                          |
| 500 to 999 acres   |                             | 1                          | 2                       | 5                       | 10                      | 4                       | 6                          |
| 1,000 acres or more  |                             | -                          | -                       | -                       | 1                       | 1                       | -                          |
| Vegetables harvested for<br>sale (see text)  | farms<br>acres              | 28<br>4,957                | 8<br>163                | 15<br>69                | 5<br>67                 | 6<br>16                 | 32<br>523                  |
| Farms by acres harvested:  |                             |                            |                         |                         |                         |                         |                            |
| 0.1 to 4.9 acres   |                             | 5                          | 4                       | 9                       | 3                       | 5                       | 16                         |
| 5.0 to 24.9 acres  |                             | 8                          | 1                       | 6                       | -                       | 1                       | 10                         |
| 25.0 to 99.9 acres   |                             | 7                          | 3                       | -                       | 2                       | -                       | 5                          |
| 100.0 to 249.9 acres   |                             | 5                          | -                       | -                       | -                       | -                       | 1                          |
| 250.0 to 499.9 acres   |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 500.0 acres or more  |                             | 3                          | -                       | -                       | -                       | -                       | -                          |
| 500.0 to 749.9 acres   |                             | 1                          | -                       | -                       | -                       | -                       | -                          |
| 750.0 to 999.9 acres   |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 1,000.0 acres or more  |                             | 2                          | -                       | -                       | -                       | -                       | -                          |
| Land in orchards   | farms<br>acres              | 41<br>3,714                | 32<br>540               | 17<br>63                | 6<br>11                 | 14<br>34                | 26<br>221                  |
| Irrigated  | farms<br>acres              | 14<br>1,040                | 4<br>5                  | 6<br>15                 | 1<br>(D)                | 5<br>11                 | 4<br>(D)                   |
| Farms by bearing and nonbearing acres:   |                             |                            |                         |                         |                         |                         |                            |
| 0.1 to 4.9 acres   |                             | 15                         | 19                      | 13                      | 5                       | 13                      | 18                         |
| 5.0 to 24.9 acres  |                             | 8                          | 12                      | 4                       | 1                       | 1                       | 6                          |
| 25.0 to 99.9 acres   |                             | 6                          | -                       | -                       | -                       | -                       | 2                          |
| 100.0 to 249.9 acres   |                             | 6                          | -                       | -                       | -                       | -                       | -                          |
| 250.0 to 499.9 acres   |                             | 6                          | 1                       | -                       | -                       | -                       | -                          |
| 500.0 acres or more  |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 500.0 to 749.9 acres   |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 750.0 to 999.9 acres   |                             | -                          | -                       | -                       | -                       | -                       | -                          |
| 1,000.0 acres or more  |                             | -                          | -                       | -                       | -                       | -                       | -                          |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Delta                              | Dickinson               | Eaton                    | Emmet                   | Genesee                 | Gladwin                    | Gogebic                 |
|--|------------------------------------|-------------------------|--------------------------|-------------------------|-------------------------|----------------------------|-------------------------|
| Soybeans for beans .....   | farms<br>acres<br>bushels<br>(D)   | 1<br>-<br>-             | -<br>70,885<br>2,855,383 | 391<br>3<br>98          | -<br>-<br>-             | 204<br>44,928<br>1,465,349 | 29<br>3,481<br>146,765  |
| Irrigated .....  | farms<br>acres<br>(D)              | -<br>-<br>-             | -<br>-<br>-              | 3<br>-<br>-             | 3<br>-<br>(D)           | 2<br>-<br>(D)              | -<br>-<br>-             |
| Farms by acres harvested:  |                                    |                         |                          |                         |                         |                            |                         |
| 1 to 24 acres .....  |                                    | 1                       | -                        | 80                      | -                       | 47                         | 6                       |
| 25 to 99 acres .....   |                                    | -                       | -                        | 141                     | -                       | 75                         | 8                       |
| 100 to 249 acres .....   |                                    | -                       | -                        | 91                      | -                       | 30                         | 10                      |
| 250 to 499 acres .....   |                                    | -                       | -                        | 41                      | -                       | 23                         | 5                       |
| 500 acres or more .....  |                                    | -                       | -                        | 38                      | -                       | 29                         | -                       |
| 500 to 999 acres .....   |                                    | -                       | -                        | 30                      | -                       | 21                         | -                       |
| 1,000 acres or more .....  |                                    | -                       | -                        | 8                       | -                       | 8                          | -                       |
| Dry edible beans, excluding limas .....  | farms<br>acres<br>cwt<br>(D)       | 5<br>1,168<br>15,837    | 1<br>(D)                 | 4<br>492<br>8,428       | -<br>-<br>-             | 10<br>367<br>6,118         | 12<br>989<br>12,647     |
| Irrigated .....  | farms<br>acres<br>(D)              | -<br>-<br>-             | 1<br>(D)                 | -<br>-<br>-             | -<br>-<br>-             | -<br>-<br>-                | -<br>-<br>-             |
| Farms by acres harvested:  |                                    |                         |                          |                         |                         |                            |                         |
| 1 to 24 acres .....  |                                    | -                       | 1                        | -                       | -                       | 4                          | 5                       |
| 25 to 99 acres .....   |                                    | -                       | -                        | 2                       | -                       | 6                          | 2                       |
| 100 to 249 acres .....   |                                    | 4                       | -                        | 2                       | -                       | -                          | 4                       |
| 250 to 499 acres .....   |                                    | 1                       | -                        | -                       | -                       | -                          | 1                       |
| 500 acres or more .....  |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 500 to 999 acres .....   |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 1,000 acres or more .....  |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| Potatoes .....   | farms<br>acres<br>cwt<br>(D)       | 6<br>697<br>142,600     | 7<br>487<br>93,220       | 2<br>(D)<br>(D)         | 3<br>5<br>1             | 1<br>(D)<br>(D)            | 2<br>(D)<br>(D)         |
| Irrigated .....  | farms<br>acres<br>(D)              | 3<br>201                | 2<br>(D)                 | 1<br>(D)                | 1<br>(D)                | -<br>(D)                   | -<br>-                  |
| Farms by acres harvested:  |                                    |                         |                          |                         |                         |                            |                         |
| 0.1 to 4.9 acres .....   |                                    | -                       | 3                        | 1                       | 3                       | -                          | 2                       |
| 5.0 to 24.9 acres .....  |                                    | -                       | 1                        | -                       | -                       | -                          | 2                       |
| 25.0 to 99.9 acres .....   |                                    | 1                       | 1                        | -                       | -                       | -                          | -                       |
| 100.0 to 249.9 acres .....   |                                    | 5                       | 1                        | -                       | -                       | 1                          | -                       |
| 250.0 to 499.9 acres .....   |                                    | -                       | 1                        | -                       | -                       | -                          | -                       |
| 500.0 acres or more .....  |                                    | -                       | -                        | 1                       | -                       | -                          | -                       |
| 500.0 to 999.9 acres .....   |                                    | -                       | -                        | 1                       | -                       | -                          | -                       |
| 1,000.0 acres or more .....  |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| Sugarbeets for sugar .....   | farms<br>acres<br>tons<br>(D)      | -<br>-<br>-             | -<br>(D)<br>(D)          | 1<br>-<br>-             | 3<br>186<br>4,393       | 13<br>1,528<br>26,468      | -<br>-<br>-             |
| Irrigated .....  | farms<br>acres<br>(D)              | -<br>-<br>-             | -<br>-<br>-              | -<br>-<br>-             | 1<br>(D)                | -<br>-                     | -<br>-                  |
| Farms by acres harvested:  |                                    |                         |                          |                         |                         |                            |                         |
| 1 to 24 acres .....  |                                    | -                       | -                        | 1                       | -                       | -                          | -                       |
| 25 to 99 acres .....   |                                    | -                       | -                        | -                       | -                       | 3                          | 5                       |
| 100 to 249 acres .....   |                                    | -                       | -                        | -                       | -                       | -                          | 7                       |
| 250 to 499 acres .....   |                                    | -                       | -                        | -                       | -                       | -                          | 1                       |
| 500 acres or more .....  |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 500 to 999 acres .....   |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 1,000 acres or more .....  |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) ..... | farms<br>acres<br>tons, dry<br>(D) | 185<br>18,550<br>50,231 | 76<br>6,310<br>16,200    | 466<br>16,482<br>51,876 | 161<br>13,988<br>32,212 | 398<br>13,672<br>37,808    | 324<br>16,394<br>37,338 |
| Irrigated .....  | farms<br>acres<br>(D)              | 4<br>4<br>21            | 4<br>4<br>(D)            | 4<br>6<br>(D)           | 6<br>11<br>75           | 6<br>6<br>49               | -<br>-<br>-             |
| Farms by acres harvested:  |                                    |                         |                          |                         |                         |                            |                         |
| 1 to 24 acres .....  |                                    | 52                      | 19                       | 263                     | 45                      | 264                        | 132                     |
| 25 to 99 acres .....   |                                    | 75                      | 32                       | 169                     | 72                      | 103                        | 149                     |
| 100 to 249 acres .....   |                                    | 34                      | 21                       | 30                      | 35                      | 27                         | 34                      |
| 250 to 499 acres .....   |                                    | 19                      | 4                        | 3                       | 3                       | 1                          | 7                       |
| 500 acres or more .....  |                                    | 5                       | -                        | 1                       | 6                       | 3                          | 2                       |
| 500 to 999 acres .....   |                                    | 5                       | -                        | 1                       | 6                       | 3                          | 2                       |
| 1,000 acres or more .....  |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| Vegetables harvested for<br>sale (see text) .....  | farms<br>acres<br>(D)              | 20<br>379               | 3<br>6                   | 21<br>1,390             | 21<br>227               | 52<br>639                  | 8<br>106                |
| Farms by acres harvested:  |                                    |                         |                          |                         |                         |                            |                         |
| 0.1 to 4.9 acres .....   |                                    | 10                      | 3                        | 10                      | 14                      | 33                         | 5                       |
| 5.0 to 24.9 acres .....  |                                    | 7                       | -                        | 5                       | 5                       | 13                         | -                       |
| 25.0 to 99.9 acres .....   |                                    | 1                       | -                        | 1                       | 2                       | 6                          | 2                       |
| 100.0 to 249.9 acres .....   |                                    | 2                       | -                        | 2                       | -                       | -                          | -                       |
| 250.0 to 499.9 acres .....   |                                    | -                       | -                        | 3                       | -                       | -                          | -                       |
| 500.0 acres or more .....  |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 500.0 to 749.9 acres .....   |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 750.0 to 999.9 acres .....   |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 1,000.0 acres or more .....  |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| Land in orchards .....   | farms<br>acres<br>(D)              | 14<br>72<br>2           | 4<br>3<br>-              | 21<br>118<br>4          | 13<br>41<br>2           | 31<br>572<br>4             | 9<br>44<br>2            |
| Irrigated .....  | farms<br>acres<br>(D)              | -<br>-<br>-             | -<br>-<br>-              | 16<br>(D)               | 139                     | 4<br>(D)                   | -<br>-                  |
| Farms by bearing and nonbearing acres:   |                                    |                         |                          |                         |                         |                            |                         |
| 0.1 to 4.9 acres .....   |                                    | 11                      | 4                        | 10                      | 11                      | 11                         | 7                       |
| 5.0 to 24.9 acres .....  |                                    | 2                       | -                        | 11                      | 2                       | 13                         | 2                       |
| 25.0 to 99.9 acres .....   |                                    | 1                       | -                        | -                       | -                       | 6                          | -                       |
| 100.0 to 249.9 acres .....   |                                    | -                       | -                        | -                       | -                       | 1                          | -                       |
| 250.0 to 499.9 acres .....   |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 500.0 acres or more .....  |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 500.0 to 749.9 acres .....   |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 750.0 to 999.9 acres .....   |                                    | -                       | -                        | -                       | -                       | -                          | -                       |
| 1,000.0 acres or more .....  |                                    | -                       | -                        | -                       | -                       | -                          | -                       |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Grand<br>Traverse           | Gratiot                 | Hillsdale                  | Houghton                   | Huron                           | Ingham                     | Ionia                      | Iosco                      |
|--|-----------------------------|-------------------------|----------------------------|----------------------------|---------------------------------|----------------------------|----------------------------|----------------------------|
| Soybeans for beans   | farms<br>acres<br>bushels   | 14<br>471<br>14,393     | 448<br>82,677<br>3,602,193 | 424<br>71,220<br>2,345,316 | -<br>-<br>-                     | 389<br>45,514<br>2,149,328 | 262<br>58,394<br>2,107,886 | 341<br>59,360<br>2,636,445 |
| Irrigated  | farms<br>acres              | -                       | 13<br>1,602                | 16<br>1,446                | -                               | 5<br>27                    | 4<br>(D)                   | 14<br>1,043                |
| Farms by acres harvested:  |                             |                         |                            |                            |                                 |                            |                            |                            |
| 1 to 24 acres  |                             | 6                       | 73                         | 98                         | -                               | 66                         | 46                         | 70                         |
| 25 to 99 acres   |                             | 8                       | 171                        | 166                        | -                               | 177                        | 81                         | 127                        |
| 100 to 249 acres   |                             | -                       | 100                        | 68                         | -                               | 97                         | 73                         | 72                         |
| 250 to 499 acres   |                             | -                       | 67                         | 49                         | -                               | 38                         | 29                         | 46                         |
| 500 acres or more  |                             | -                       | 37                         | 43                         | -                               | 11                         | 33                         | 26                         |
| 500 to 999 acres   |                             | -                       | 25                         | 35                         | -                               | 8                          | 21                         | 20                         |
| 1,000 acres or more  |                             | -                       | 12                         | 8                          | -                               | 3                          | 12                         | 6                          |
| Dry edible beans, excluding limas  | farms<br>acres<br>cwt       | 1<br>(D)<br>390,207     | 131<br>22,794<br>(D)       | 1<br>(D)                   | -                               | 431<br>87,328<br>1,813,324 | 3<br>(D)<br>(D)            | 6<br>702<br>13,133         |
| Irrigated  | farms<br>acres              | -                       | 7<br>896                   | -                          | -                               | 6<br>217                   | -<br>(D)                   | 2<br>-                     |
| Farms by acres harvested:  |                             |                         |                            |                            |                                 |                            |                            |                            |
| 1 to 24 acres  |                             | -                       | 21                         | 1                          | -                               | 40                         | 1                          | 2                          |
| 25 to 99 acres   |                             | 1                       | 48                         | -                          | -                               | 139                        | 1                          | 2                          |
| 100 to 249 acres   |                             | -                       | 31                         | -                          | -                               | 133                        | 1                          | 3                          |
| 250 to 499 acres   |                             | -                       | 18                         | -                          | -                               | 80                         | -                          | 1                          |
| 500 acres or more  |                             | -                       | 13                         | -                          | -                               | 39                         | -                          | -                          |
| 500 to 999 acres   |                             | -                       | 11                         | -                          | -                               | 34                         | -                          | -                          |
| 1,000 acres or more  |                             | -                       | 2                          | -                          | -                               | 5                          | -                          | -                          |
| Potatoes   | farms<br>acres<br>cwt       | 3<br>(D)<br>930         | 4<br>395<br>82,480         | 3<br>(D)                   | 7<br>6<br>(D)                   | 2<br>(D)<br>(D)            | 5<br>13<br>(D)             | -<br>-<br>(D)              |
| Irrigated  | farms<br>acres              | -                       | 1<br>(D)                   | -                          | 5<br>(D)                        | 2<br>(D)                   | 2<br>(D)                   | -                          |
| Farms by acres harvested:  |                             |                         |                            |                            |                                 |                            |                            |                            |
| 0.1 to 4.9 acres   |                             | 3                       | 1                          | 2                          | 7                               | 1                          | 4                          | -                          |
| 5.0 to 24.9 acres  |                             | -                       | -                          | 1                          | -                               | -                          | 1                          | -                          |
| 25.0 to 99.9 acres   |                             | -                       | -                          | -                          | -                               | -                          | -                          | -                          |
| 100.0 to 249.9 acres   |                             | -                       | 3                          | -                          | -                               | -                          | -                          | -                          |
| 250.0 to 499.9 acres   |                             | -                       | -                          | -                          | -                               | 1                          | -                          | -                          |
| 500.0 acres or more  |                             | -                       | -                          | -                          | -                               | -                          | -                          | -                          |
| 500.0 to 999.9 acres   |                             | -                       | -                          | -                          | -                               | -                          | -                          | -                          |
| 1,000.0 acres or more  |                             | -                       | -                          | -                          | -                               | -                          | -                          | -                          |
| Sugarbeets for sugar   | farms<br>acres<br>tons      | -<br>17,961<br>330,923  | 72<br>-<br>-               | -<br>-                     | -<br>252<br>57,203<br>1,139,948 | -<br>-                     | -<br>-                     | -<br>1<br>(D)              |
| Irrigated  | farms<br>acres              | -<br>397                | 5<br>-                     | -<br>115                   | 5<br>-                          | -<br>-                     | -<br>-                     | -<br>(D)                   |
| Farms by acres harvested:  |                             |                         |                            |                            |                                 |                            |                            |                            |
| 1 to 24 acres  |                             | -                       | 11                         | -                          | -                               | 22                         | -                          | 1                          |
| 25 to 99 acres   |                             | -                       | 14                         | -                          | -                               | 67                         | -                          | -                          |
| 100 to 249 acres   |                             | -                       | 20                         | -                          | -                               | 81                         | -                          | -                          |
| 250 to 499 acres   |                             | -                       | 12                         | -                          | -                               | 61                         | -                          | -                          |
| 500 acres or more  |                             | -                       | 15                         | -                          | -                               | 21                         | -                          | -                          |
| 500 to 999 acres   |                             | -                       | 15                         | -                          | -                               | 13                         | -                          | -                          |
| 1,000 acres or more  |                             | -                       | -                          | -                          | -                               | 8                          | -                          | -                          |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) | farms<br>acres<br>tons, dry | 180<br>10,967<br>27,309 | 290<br>13,309<br>55,283    | 508<br>20,668<br>62,115    | 82<br>7,190<br>17,225           | 363<br>25,515<br>108,865   | 434<br>16,133<br>56,550    | 521<br>24,003<br>87,430    |
| Irrigated  | farms<br>acres              | -<br>171                | 9<br>209                   | 8<br>1<br>(D)              | 1<br>6<br>528                   | 6<br>10<br>112             | 6<br>248                   | 1<br>(D)                   |
| Farms by acres harvested:  |                             |                         |                            |                            |                                 |                            |                            |                            |
| 1 to 24 acres  |                             | 85                      | 178                        | 293                        | 28                              | 141                        | 283                        | 285                        |
| 25 to 99 acres   |                             | 65                      | 73                         | 167                        | 29                              | 142                        | 109                        | 170                        |
| 100 to 249 acres   |                             | 21                      | 32                         | 38                         | 19                              | 61                         | 36                         | 56                         |
| 250 to 499 acres   |                             | 7                       | 6                          | 9                          | 4                               | 15                         | 3                          | 7                          |
| 500 acres or more  |                             | 2                       | 1                          | 1                          | 2                               | 4                          | 3                          | 3                          |
| 500 to 999 acres   |                             | 2                       | 1                          | 1                          | 2                               | 4                          | 3                          | 2                          |
| 1,000 acres or more  |                             | -                       | -                          | -                          | -                               | -                          | 1                          | -                          |
| Vegetables harvested for<br>sale (see text)  | farms<br>acres              | 27<br>504               | 35<br>5,619                | 13<br>447                  | 10<br>16                        | 17<br>133                  | 29<br>506                  | 19<br>625                  |
| Farms by acres harvested:  |                             |                         |                            |                            |                                 |                            |                            |                            |
| 0.1 to 4.9 acres   |                             | 11                      | 15                         | 6                          | 9                               | 5                          | 14                         | 10                         |
| 5.0 to 24.9 acres  |                             | 11                      | 2                          | 4                          | 1                               | 12                         | 9                          | 4                          |
| 25.0 to 99.9 acres   |                             | 3                       | 6                          | 2                          | -                               | -                          | 5                          | 3                          |
| 100.0 to 249.9 acres   |                             | 2                       | 2                          | -                          | -                               | -                          | 1                          | 2                          |
| 250.0 to 499.9 acres   |                             | -                       | 8                          | 1                          | -                               | -                          | -                          | -                          |
| 500.0 acres or more  |                             | -                       | 2                          | -                          | -                               | -                          | -                          | -                          |
| 500.0 to 749.9 acres   |                             | -                       | 1                          | -                          | -                               | -                          | -                          | -                          |
| 750.0 to 999.9 acres   |                             | -                       | -                          | -                          | -                               | -                          | -                          | -                          |
| 1,000.0 acres or more  |                             | -                       | 1                          | -                          | -                               | -                          | -                          | -                          |
| Land in orchards   | farms<br>acres              | 158<br>7,670            | 10<br>29                   | 18<br>190                  | 13<br>32                        | 7<br>24                    | 36<br>218                  | 20<br>910                  |
| Irrigated  | farms<br>acres              | -<br>1,505              | -<br>(D)                   | 3<br>(D)                   | 1<br>(D)                        | 1<br>(D)                   | 15<br>23                   | 5<br>230                   |
| Farms by bearing and nonbearing acres:   |                             |                         |                            |                            |                                 |                            |                            |                            |
| 0.1 to 4.9 acres   |                             | 40                      | 7                          | 14                         | 11                              | 5                          | 26                         | 3                          |
| 5.0 to 24.9 acres  |                             | 53                      | 3                          | 1                          | 2                               | 2                          | 9                          | 8                          |
| 25.0 to 99.9 acres   |                             | 44                      | -                          | 2                          | -                               | -                          | 1                          | 1                          |
| 100.0 to 249.9 acres   |                             | 15                      | -                          | 1                          | -                               | -                          | -                          | 6                          |
| 250.0 to 499.9 acres   |                             | 5                       | -                          | -                          | -                               | -                          | -                          | 3                          |
| 500.0 acres or more  |                             | 1                       | -                          | -                          | -                               | -                          | -                          | -                          |
| 500.0 to 749.9 acres   |                             | 1                       | -                          | -                          | -                               | -                          | -                          | -                          |
| 750.0 to 999.9 acres   |                             | -                       | -                          | -                          | -                               | -                          | -                          | -                          |
| 1,000.0 acres or more  |                             | -                       | -                          | -                          | -                               | -                          | -                          | -                          |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Iron                        | Isabella                        | Jackson                    | Kalamazoo                  | Kalkaska                   | Kent                  | Keweenaw                             | Lake                  |                       |
|--|-----------------------------|---------------------------------|----------------------------|----------------------------|----------------------------|-----------------------|--------------------------------------|-----------------------|-----------------------|
| Soybeans for beans   | farms<br>acres<br>bushels   | -<br>271<br>41,465<br>1,671,247 | 250<br>38,180<br>1,322,286 | 189<br>38,208<br>1,536,562 | -<br>-<br>-<br>50<br>9,515 | -<br>-<br>-<br>-<br>- | 127<br>18,577<br>793,143<br>4<br>392 | -<br>-<br>-<br>-<br>- |                       |
| Irrigated  | farms<br>acres              | -<br>(D)                        | 1<br>1,703                 | 7<br>50                    | -<br>-                     | -<br>-<br>-<br>-<br>- | 4<br>392                             | -<br>-<br>-<br>-<br>- |                       |
| Farms by acres harvested:  |                             |                                 |                            |                            |                            |                       |                                      |                       |                       |
| 1 to 24 acres  |                             | 51                              | 56                         | 35                         | -                          | -                     | 22                                   | -                     |                       |
| 25 to 99 acres   |                             | 116                             | 110                        | 55                         | -                          | -                     | 52                                   | -                     |                       |
| 100 to 249 acres   |                             | 68                              | 43                         | 58                         | -                          | -                     | 32                                   | -                     |                       |
| 250 to 499 acres   |                             | 21                              | 20                         | 20                         | -                          | -                     | 14                                   | -                     |                       |
| 500 acres or more  |                             | 15                              | 21                         | 21                         | -                          | -                     | 7                                    | -                     |                       |
| 500 to 999 acres   |                             | 9                               | 15                         | 16                         | -                          | -                     | 6                                    | -                     |                       |
| 1,000 acres or more  |                             | 6                               | 6                          | 5                          | -                          | -                     | 1                                    | -                     |                       |
| Dry edible beans, excluding limas  | farms<br>acres<br>cwt       | -<br>45<br>6,185<br>99,225      | 1<br>(D)<br>(D)            | 2<br>(D)<br>(D)            | -<br>-<br>-<br>2           | -<br>-<br>-<br>-      | 10<br>2,403<br>45,014<br>4<br>959    | -<br>-<br>-<br>-<br>- |                       |
| Irrigated  | farms<br>acres              | -<br>5<br>1,325                 | -<br>(D)                   | 1<br>(D)                   | -<br>-<br>-<br>-           | -<br>-<br>-<br>-      | 4<br>959                             | -<br>-<br>-<br>-      |                       |
| Farms by acres harvested:  |                             |                                 |                            |                            |                            |                       |                                      |                       |                       |
| 1 to 24 acres  |                             | 2                               | 1                          | -                          | -                          | -                     | 2                                    | -                     |                       |
| 25 to 99 acres   |                             | 20                              | -                          | 2                          | -                          | -                     | 4                                    | -                     |                       |
| 100 to 249 acres   |                             | 14                              | -                          | -                          | -                          | -                     | 1                                    | -                     |                       |
| 250 to 499 acres   |                             | 8                               | -                          | -                          | -                          | -                     | 1                                    | -                     |                       |
| 500 acres or more  |                             | 1                               | -                          | -                          | -                          | -                     | 2                                    | -                     |                       |
| 500 to 999 acres   |                             | 1                               | -                          | -                          | -                          | -                     | 2                                    | -                     |                       |
| 1,000 acres or more  |                             | -                               | -                          | -                          | -                          | -                     | -                                    | -                     |                       |
| Potatoes   | farms<br>acres<br>cwt       | 7<br>768<br>223,492             | 7<br>22<br>8,438           | 4<br>3<br>(D)              | 1<br>4<br>421,990          | 2<br>2<br>(D)         | -<br>-<br>-                          | 1<br>(D)<br>(D)       |                       |
| Irrigated  | farms<br>acres              | 7<br>768                        | 1<br>(D)                   | 3<br>3                     | -<br>-<br>1,275            | 2<br>2<br>(D)         | -<br>-<br>-                          | -<br>-<br>-           |                       |
| Farms by acres harvested:  |                             |                                 |                            |                            |                            |                       |                                      |                       |                       |
| 0.1 to 4.9 acres   |                             | -<br>6                          | -<br>4                     | -<br>1                     | -<br>-<br>-                | -<br>-<br>-           | 1                                    | -                     |                       |
| 5.0 to 24.9 acres  |                             | -<br>1                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -                                    | -                     |                       |
| 25.0 to 99.9 acres   |                             | 4                               | -                          | -                          | -                          | -                     | -                                    | -                     |                       |
| 100.0 to 249.9 acres   |                             | 3                               | -                          | -                          | -                          | -                     | -                                    | -                     |                       |
| 250.0 to 499.9 acres   |                             | -                               | -                          | -                          | -                          | -                     | -                                    | -                     |                       |
| 500.0 acres or more  |                             | -                               | -                          | -                          | -                          | -                     | -                                    | -                     |                       |
| 500.0 to 999.9 acres   |                             | -                               | -                          | -                          | -                          | -                     | -                                    | -                     |                       |
| 1,000.0 acres or more  |                             | -                               | -                          | -                          | -                          | -                     | -                                    | -                     |                       |
| Sugarbeets for sugar   | farms<br>acres<br>tons      | -<br>6<br>1,109<br>18,623       | -<br>-<br>-                | -<br>-                     | -<br>-                     | -<br>-                | -<br>-                               | -<br>-                |                       |
| Irrigated  | farms<br>acres              | -<br>(D)                        | 1<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>-                               | -<br>-                |                       |
| Farms by acres harvested:  |                             |                                 |                            |                            |                            |                       |                                      |                       |                       |
| 1 to 24 acres  |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>-                               | -<br>-                |                       |
| 25 to 99 acres   |                             | -<br>3                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>-                               | -<br>-                |                       |
| 100 to 249 acres   |                             | -<br>1                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>-                               | -<br>-                |                       |
| 250 to 499 acres   |                             | -<br>1                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>-                               | -<br>-                |                       |
| 500 acres or more  |                             | -<br>1                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>-                               | -<br>-                |                       |
| 500 to 999 acres   |                             | -<br>1                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>-                               | -<br>-                |                       |
| 1,000 acres or more  |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>-                               | -<br>-                |                       |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) | farms<br>acres<br>tons, dry | 65<br>5,344<br>9,747            | 478<br>33,991<br>114,002   | 585<br>24,649<br>74,697    | 263<br>11,634<br>30,703    | 73<br>3,656<br>6,420  | 560<br>26,817<br>86,435              | 3<br>49<br>42         | 90<br>6,280<br>16,493 |
| Irrigated  | farms<br>acres              | 2<br>(D)                        | 10<br>167                  | 5<br>110                   | 15<br>1,657                | 1<br>(D)              | 12<br>318                            | -<br>-                | -<br>-                |
| Farms by acres harvested:  |                             |                                 |                            |                            |                            |                       |                                      |                       |                       |
| 1 to 24 acres  |                             | 19                              | 189                        | 331                        | 152                        | 33                    | 296                                  | 3                     | 31                    |
| 25 to 99 acres   |                             | 30                              | 200                        | 194                        | 87                         | 32                    | 197                                  | -                     | 41                    |
| 100 to 249 acres   |                             | 13                              | 61                         | 48                         | 19                         | 6                     | 48                                   | -                     | 12                    |
| 250 to 499 acres   |                             | 2                               | 21                         | 10                         | 3                          | 2                     | 14                                   | -                     | 5                     |
| 500 acres or more  |                             | 1                               | 7                          | 2                          | 2                          | -                     | 5                                    | -                     | 1                     |
| 500 to 999 acres   |                             | 1                               | 6                          | 2                          | 1                          | -                     | 5                                    | -                     | 1                     |
| 1,000 acres or more  |                             | -                               | 1                          | -                          | 1                          | -                     | -                                    | -                     | -                     |
| Vegetables harvested for<br>sale (see text)  | farms<br>acres              | 2<br>(D)                        | 22<br>959                  | 48<br>988                  | 32<br>1,395                | 6<br>(D)              | 63<br>2,281                          | -<br>-                | 2<br>(D)              |
| Farms by acres harvested:  |                             |                                 |                            |                            |                            |                       |                                      |                       |                       |
| 0.1 to 4.9 acres   |                             | 2                               | 7                          | 25                         | 7                          | 4                     | 21                                   | -                     | 1                     |
| 5.0 to 24.9 acres  |                             | -<br>8                          | -<br>14                    | -<br>5                     | -<br>16                    | 1<br>4                | 25<br>13                             | -                     | 1                     |
| 25.0 to 99.9 acres   |                             | -<br>3                          | -<br>5                     | -<br>4                     | -<br>4                     | -<br>1                | -<br>3                               | -                     | -                     |
| 100.0 to 249.9 acres   |                             | -<br>3                          | -<br>4                     | -<br>4                     | -<br>4                     | -<br>1                | -<br>1                               | -                     | -                     |
| 250.0 to 499.9 acres   |                             | -<br>1                          | -<br>-                     | -<br>-                     | -<br>1                     | -<br>1                | -<br>-                               | -                     | -                     |
| 500.0 acres or more  |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>1                               | -                     | -                     |
| 500.0 to 749.9 acres   |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>1                               | -                     | -                     |
| 750.0 to 999.9 acres   |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>1                               | -                     | -                     |
| 1,000.0 acres or more  |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -<br>-                               | -                     | -                     |
| Land in orchards   | farms<br>acres              | 7<br>14                         | 8<br>70                    | 34<br>205                  | 35<br>799                  | 1<br>(D)              | 109<br>11,384                        | -<br>-                | 1<br>(D)              |
| Irrigated  | farms<br>acres              | -<br>-                          | -<br>-                     | 5<br>19                    | 4<br>20                    | 1<br>(D)              | 20<br>1,628                          | -<br>-                | -<br>-                |
| Farms by bearing and nonbearing acres:   |                             |                                 |                            |                            |                            |                       |                                      |                       |                       |
| 0.1 to 4.9 acres   |                             | 7                               | 5                          | 23                         | 8                          | -                     | 15                                   | -                     | -                     |
| 5.0 to 24.9 acres  |                             | -<br>2                          | -<br>8                     | -<br>17                    | -<br>1                     | -<br>29               | -                                    | -                     | 1                     |
| 25.0 to 99.9 acres   |                             | -<br>1                          | -<br>3                     | -<br>9                     | -<br>1                     | -<br>-                | 30<br>27                             | -                     | -                     |
| 100.0 to 249.9 acres   |                             | -<br>-                          | -<br>-                     | -<br>1                     | -<br>-                     | -<br>-                | 4                                    | -                     | -                     |
| 250.0 to 499.9 acres   |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | 4                                    | -                     | -                     |
| 500.0 acres or more  |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | 2                                    | -                     | -                     |
| 500.0 to 749.9 acres   |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -                                    | -                     | -                     |
| 750.0 to 999.9 acres   |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | -                                    | -                     | -                     |
| 1,000.0 acres or more  |                             | -<br>-                          | -<br>-                     | -<br>-                     | -<br>-                     | -<br>-                | 2                                    | -                     | -                     |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Lapeer    | Leelanau | Lenawee   | Livingston | Luce  | Mackinac | Macomb  | Manistee |
|--|-----------|----------|-----------|------------|-------|----------|---------|----------|
| Soybeans for beans   | 228       | -        | 598       | 115        | -     | -        | 140     | 1        |
| farms  | 52,242    | -        | 128,951   | 18,166     | -     | -        | 25,086  | (D)      |
| acres  | 2,063,110 | -        | 4,008,307 | 677,896    | -     | -        | 925,931 | (D)      |
| Irrigated  | 3         | -        | 6         | -          | -     | -        | 4       | -        |
| farms  | (D)       | -        | 206       | -          | -     | -        | (D)     | -        |
| Farms by acres harvested:  |           |          |           |            |       |          |         |          |
| 1 to 24 acres  | 41        | -        | 92        | 19         | -     | -        | 24      | 1        |
| 25 to 99 acres   | 74        | -        | 212       | 46         | -     | -        | 50      | -        |
| 100 to 249 acres   | 61        | -        | 130       | 29         | -     | -        | 33      | -        |
| 250 to 499 acres   | 27        | -        | 98        | 12         | -     | -        | 19      | -        |
| 500 acres or more  | 25        | -        | 66        | 9          | -     | -        | 14      | -        |
| 500 to 999 acres   | 16        | -        | 47        | 8          | -     | -        | 12      | -        |
| 1,000 acres or more  | 9         | -        | 19        | 1          | -     | -        | 2       | -        |
| Dry edible beans, excluding limas  | 10        | -        | 2         | 2          | -     | -        | -       | 4        |
| farms  | 298       | -        | (D)       | (D)        | -     | -        | -       | 582      |
| acres  | 5,364     | -        | (D)       | (D)        | -     | -        | -       | 7,898    |
| Irrigated  | -         | -        | -         | -          | -     | -        | -       | 4        |
| farms  | -         | -        | -         | -          | -     | -        | -       | 572      |
| Farms by acres harvested:  |           |          |           |            |       |          |         |          |
| 1 to 24 acres  | 7         | -        | 1         | 1          | -     | -        | -       | -        |
| 25 to 99 acres   | 3         | -        | 1         | 1          | -     | -        | -       | 2        |
| 100 to 249 acres   | -         | -        | -         | -          | -     | -        | -       | 1        |
| 250 to 499 acres   | -         | -        | -         | -          | -     | -        | -       | 1        |
| 500 acres or more  | -         | -        | -         | -          | -     | -        | -       | -        |
| 500 to 999 acres   | -         | -        | -         | -          | -     | -        | -       | -        |
| 1,000 acres or more  | -         | -        | -         | -          | -     | -        | -       | -        |
| Potatoes   | 5         | 6        | 8         | 4          | 2     | 2        | 9       | 3        |
| farms  | 68        | 7        | 5         | 2          | (D)   | (D)      | 5       | 2        |
| acres  | 12,317    | 1,412    | 1,288     | 370        | (D)   | (D)      | 605     | 840      |
| Irrigated  | 2         | 2        | 3         | 2          | 2     | -        | 2       | 3        |
| farms  | (D)       | (D)      | (D)       | (D)        | (D)   | -        | (D)     | 2        |
| Farms by acres harvested:  |           |          |           |            |       |          |         |          |
| 0.1 to 4.9 acres   | 2         | 6        | 8         | 4          | -     | 2        | 9       | 3        |
| 5.0 to 24.9 acres  | 1         | -        | -         | -          | -     | -        | -       | -        |
| 25.0 to 99.9 acres   | 2         | -        | -         | -          | -     | -        | -       | -        |
| 100 to 249.9 acres   | -         | -        | -         | -          | -     | -        | -       | -        |
| 250.0 to 499.9 acres   | -         | -        | -         | -          | -     | -        | -       | -        |
| 500.0 acres or more  | -         | -        | -         | -          | -     | -        | -       | -        |
| 500.0 to 999.9 acres   | -         | -        | -         | -          | -     | -        | -       | -        |
| 1,000.0 acres or more  | -         | -        | -         | -          | -     | -        | -       | -        |
| Sugarbeets for sugar   | 4         | -        | 10        | -          | -     | -        | -       | -        |
| farms  | 710       | -        | 786       | -          | -     | -        | -       | -        |
| acres  | 15,885    | -        | 11,973    | -          | -     | -        | -       | -        |
| Irrigated  | -         | -        | 1         | -          | -     | -        | -       | -        |
| farms  | -         | -        | (D)       | -          | -     | -        | -       | -        |
| Farms by acres harvested:  |           |          |           |            |       |          |         |          |
| 1 to 24 acres  | -         | -        | 2         | -          | -     | -        | -       | -        |
| 25 to 99 acres   | 1         | -        | 4         | -          | -     | -        | -       | -        |
| 100 to 249 acres   | 2         | -        | 4         | -          | -     | -        | -       | -        |
| 250 to 499 acres   | 1         | -        | -         | -          | -     | -        | -       | -        |
| 500 acres or more  | -         | -        | -         | -          | -     | -        | -       | -        |
| 500 to 999 acres   | -         | -        | -         | -          | -     | -        | -       | -        |
| 1,000 acres or more  | -         | -        | -         | -          | -     | -        | -       | -        |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) | 595       | 105      | 333       | 330        | 20    | 52       | 142     | 176      |
| farms  | 30,534    | 5,515    | 15,956    | 12,510     | 3,186 | 7,444    | 5,275   | 9,574    |
| acres  | 88,407    | 13,807   | 53,974    | 33,957     | 8,942 | 17,063   | 17,482  | 18,065   |
| Irrigated  | 4         | 8        | 3         | 7          | -     | 1        | 2       | 4        |
| farms  | 50        | (D)      | (D)       | 37         | -     | (D)      | (D)     | 69       |
| Farms by acres harvested:  |           |          |           |            |       |          |         |          |
| 1 to 24 acres  | 272       | 43       | 213       | 195        | 5     | 5        | 87      | 70       |
| 25 to 99 acres   | 234       | 46       | 78        | 107        | 7     | 26       | 43      | 85       |
| 100 to 249 acres   | 76        | 13       | 30        | 23         | 3     | 12       | 8       | 18       |
| 250 to 499 acres   | 9         | 2        | 9         | 3          | 2     | 5        | 4       | 1        |
| 500 acres or more  | 4         | 1        | 3         | 2          | 3     | 4        | -       | 2        |
| 500 to 999 acres   | 4         | 1        | 2         | 1          | 3     | 4        | -       | 2        |
| 1,000 acres or more  | -         | -        | 1         | 1          | -     | -        | -       | -        |
| Vegetables harvested for<br>sale (see text)  | 68        | 22       | 40        | 33         | 2     | 1        | 75      | 21       |
| farms  | 3,210     | 185      | 3,097     | 1,622      | (D)   | (D)      | 3,944   | 840      |
| acres  | -         | -        | -         | -          | -     | -        | -       | -        |
| Farms by acres harvested:  |           |          |           |            |       |          |         |          |
| 0.1 to 4.9 acres   | 29        | 17       | 15        | 22         | 2     | 1        | 24      | 6        |
| 5.0 to 24.9 acres  | 24        | 4        | 11        | 6          | -     | -        | 18      | 7        |
| 25.0 to 99.9 acres   | 7         | -        | 6         | 3          | -     | -        | 21      | 4        |
| 100.0 to 249.9 acres   | 1         | 1        | 4         | 1          | -     | -        | 10      | 4        |
| 250.0 to 499.9 acres   | 7         | -        | 2         | -          | -     | -        | 2       | -        |
| 500.0 acres or more  | -         | -        | 2         | 1          | -     | -        | -       | -        |
| 500.0 to 749.9 acres   | -         | -        | 2         | -          | -     | -        | -       | -        |
| 750.0 to 999.9 acres   | -         | -        | -         | -          | -     | -        | -       | -        |
| 1,000.0 acres or more  | -         | -        | 1         | -          | -     | -        | -       | -        |
| Land in orchards   | 30        | 205      | 41        | 29         | 1     | 1        | 25      | 38       |
| farms  | 609       | 16,305   | 714       | 133        | (D)   | (D)      | 654     | 2,497    |
| acres  | 6         | 40       | 16        | 4          | -     | -        | 7       | 7        |
| Irrigated  | -         | -        | 1,285     | 347        | 23    | -        | 206     | 677      |
| Farms by bearing and nonbearing acres:   |           |          |           |            |       |          |         |          |
| 0.1 to 4.9 acres   | 11        | 35       | 19        | 15         | 1     | 1        | 12      | 3        |
| 5.0 to 24.9 acres  | 16        | 51       | 16        | 14         | -     | -        | 3       | 15       |
| 25.0 to 99.9 acres   | 2         | 77       | 5         | -          | -     | -        | 9       | 13       |
| 100.0 to 249.9 acres   | -         | 29       | 1         | -          | -     | -        | 1       | 4        |
| 250.0 to 499.9 acres   | 1         | 9        | -         | -          | -     | -        | -       | 3        |
| 500.0 acres or more  | -         | 4        | -         | -          | -     | -        | -       | -        |
| 500.0 to 749.9 acres   | -         | 2        | -         | -          | -     | -        | -       | -        |
| 750.0 to 999.9 acres   | -         | -        | -         | -          | -     | -        | -       | -        |
| 1,000.0 acres or more  | -         | 2        | -         | -          | -     | -        | -       | -        |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Marquette                   | Mason                       | Mecosta                 | Menominee               | Midland                  | Missaukee              | Monroe                     | Montcalm                  |
|--|-----------------------------|-----------------------------|-------------------------|-------------------------|--------------------------|------------------------|----------------------------|---------------------------|
| Soybeans for beans   | farms<br>acres<br>bushels   | -<br>31<br>2,606<br>101,491 | 14<br>897<br>31,896     | 5<br>116<br>4,326       | 138<br>19,449<br>817,940 | 2<br>(D)<br>(D)        | 581<br>95,809<br>3,181,990 | 115<br>16,336<br>624,123  |
| Irrigated  | farms<br>acres              | -<br>(D)                    | -<br>-                  | -<br>-                  | 5<br>139                 | -<br>-                 | 12<br>666                  | 7<br>511                  |
| Farms by acres harvested:  |                             |                             |                         |                         |                          |                        |                            |                           |
| 1 to 24 acres  |                             | 8                           | 5                       | 3                       | 27                       | 2                      | 112                        | 23                        |
| 25 to 99 acres   |                             | 16                          | 7                       | 2                       | 52                       | -                      | 203                        | 49                        |
| 100 to 249 acres   |                             | 5                           | 1                       | -                       | 39                       | -                      | 148                        | 26                        |
| 250 to 499 acres   |                             | 1                           | 1                       | -                       | 14                       | -                      | 76                         | 8                         |
| 500 acres or more  |                             | 1                           | -                       | -                       | 6                        | -                      | 42                         | 9                         |
| 500 to 999 acres   |                             | 1                           | -                       | -                       | 5                        | -                      | 36                         | 8                         |
| 1,000 acres or more  |                             | -                           | -                       | -                       | 1                        | -                      | 6                          | 1                         |
| Dry edible beans, excluding limas  | farms<br>acres<br>cwt       | -<br>-<br>25,055            | 11<br>(D)<br>(D)        | 1<br>3,684<br>62,204    | 36<br>1<br>(D)           | -<br>43<br>1,208       | 4<br>-<br>-                | 76<br>14,978<br>253,685   |
| Irrigated  | farms<br>acres              | -<br>(D)                    | 2<br>-                  | -<br>-                  | 1<br>(D)                 | -<br>-                 | -<br>-                     | 35<br>7,217               |
| Farms by acres harvested:  |                             |                             |                         |                         |                          |                        |                            |                           |
| 1 to 24 acres  |                             | -                           | 5                       | 1                       | 8                        | -                      | 3                          | 11                        |
| 25 to 99 acres   |                             | -                           | 1                       | -                       | 17                       | -                      | 1                          | 27                        |
| 100 to 249 acres   |                             | -                           | 3                       | -                       | 5                        | -                      | -                          | 15                        |
| 250 to 499 acres   |                             | -                           | 1                       | -                       | 6                        | -                      | -                          | 15                        |
| 500 acres or more  |                             | -                           | 1                       | -                       | -                        | -                      | -                          | 8                         |
| 500 to 999 acres   |                             | -                           | 1                       | -                       | -                        | -                      | -                          | 7                         |
| 1,000 acres or more  |                             | -                           | -                       | -                       | -                        | -                      | -                          | 1                         |
| Potatoes   | farms<br>acres<br>cwt       | 7<br>487<br>154,655         | -<br>(D)<br>(D)         | 8<br>3<br>-             | 3<br>(D)<br>(D)          | 1<br>1<br>-            | 12<br>4<br>890             | 27<br>16,678<br>5,299,283 |
| Irrigated  | farms<br>acres              | 1<br>(D)                    | -<br>(D)                | 3<br>-                  | 1<br>-                   | -<br>-                 | 4<br>-                     | 23<br>16,670              |
| Farms by acres harvested:  |                             |                             |                         |                         |                          |                        |                            |                           |
| 0.1 to 4.9 acres   |                             | 2                           | -                       | 5                       | -                        | 2                      | -                          | 2                         |
| 5.0 to 24.9 acres  |                             | 2                           | -                       | 2                       | -                        | 1                      | -                          | 4                         |
| 25.0 to 99.9 acres   |                             | -                           | -                       | -                       | 1                        | -                      | 2                          | 2                         |
| 100.0 to 249.9 acres   |                             | 3                           | -                       | -                       | -                        | -                      | 1                          | 6                         |
| 250.0 to 499.9 acres   |                             | -                           | -                       | -                       | -                        | -                      | 3                          | 3                         |
| 500.0 acres or more  |                             | -                           | -                       | 1                       | -                        | -                      | 1                          | 8                         |
| 500 to 999.9 acres   |                             | -                           | -                       | -                       | -                        | -                      | 1                          | 2                         |
| 1,000.0 acres or more  |                             | -                           | -                       | 1                       | -                        | -                      | -                          | 6                         |
| Sugarbeets for sugar   | farms<br>acres<br>tons      | -<br>(D)<br>(D)             | 1<br>2<br>-             | -<br>-                  | 16<br>2,967<br>50,955    | -<br>-                 | 3<br>(D)<br>(D)            | 11<br>1,758<br>33,316     |
| Irrigated  | farms<br>acres              | -<br>(D)                    | -<br>(D)                | 1<br>-                  | 1<br>(D)                 | -<br>-                 | -<br>-                     | 8<br>1,032                |
| Farms by acres harvested:  |                             |                             |                         |                         |                          |                        |                            |                           |
| 1 to 24 acres  |                             | -                           | -                       | -                       | 1                        | -                      | 1                          | 1                         |
| 25 to 99 acres   |                             | -                           | 1                       | -                       | 7                        | -                      | -                          | 3                         |
| 100 to 249 acres   |                             | -                           | -                       | 2                       | 3                        | -                      | 1                          | 4                         |
| 250 to 499 acres   |                             | -                           | -                       | -                       | 4                        | -                      | 1                          | 3                         |
| 500 acres or more  |                             | -                           | -                       | -                       | 1                        | -                      | -                          | -                         |
| 500 to 999 acres   |                             | -                           | -                       | -                       | 1                        | -                      | -                          | -                         |
| 1,000 acres or more  |                             | -                           | -                       | -                       | -                        | -                      | -                          | -                         |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) | farms<br>acres<br>tons, dry | 76<br>6,481<br>14,090       | 226<br>15,004<br>45,333 | 458<br>31,625<br>81,135 | 234<br>30,262<br>93,238  | 165<br>8,035<br>23,090 | 266<br>34,499<br>93,887    | 243<br>6,174<br>16,415    |
| Irrigated  | farms<br>acres              | -<br>6<br>163               | -<br>10<br>408          | 3<br>6<br>(D)           | 12<br>6<br>194           | -<br>1<br>1,368        | 8<br>56                    | 13<br>56<br>1,485         |
| Farms by acres harvested:  |                             |                             |                         |                         |                          |                        |                            |                           |
| 1 to 24 acres  |                             | 32                          | 82                      | 178                     | 45                       | 88                     | 70                         | 176                       |
| 25 to 99 acres   |                             | 32                          | 101                     | 187                     | 91                       | 56                     | 91                         | 57                        |
| 100 to 249 acres   |                             | 6                           | 30                      | 69                      | 56                       | 18                     | 55                         | 62                        |
| 250 to 499 acres   |                             | 3                           | 11                      | 18                      | 33                       | 1                      | 36                         | -                         |
| 500 acres or more  |                             | 3                           | 2                       | 6                       | 9                        | 2                      | 14                         | 2                         |
| 500 to 999 acres   |                             | 2                           | 2                       | 6                       | 9                        | 2                      | 14                         | 2                         |
| 1,000 acres or more  |                             | 1                           | -                       | -                       | -                        | -                      | -                          | 1                         |
| Vegetables harvested for<br>sale (see text)  | farms<br>acres              | 5<br>9                      | 64<br>5,639             | 53<br>1,239             | 5<br>43                  | 18<br>159              | 3<br>(D)                   | 71<br>4,479               |
| Farms by acres harvested:  |                             |                             |                         |                         |                          |                        |                            |                           |
| 0.1 to 4.9 acres   |                             | 5                           | 9                       | 34                      | 2                        | 15                     | 3                          | 20                        |
| 5.0 to 24.9 acres  |                             | -                           | 16                      | 13                      | 3                        | -                      | -                          | 15                        |
| 25.0 to 99.9 acres   |                             | -                           | 24                      | 5                       | -                        | 2                      | -                          | 13                        |
| 100.0 to 249.9 acres   |                             | -                           | 12                      | -                       | -                        | -                      | -                          | 3                         |
| 250.0 to 499.9 acres   |                             | -                           | -                       | -                       | -                        | -                      | -                          | 5                         |
| 500.0 acres or more  |                             | -                           | 3                       | 1                       | -                        | -                      | -                          | 6                         |
| 500.0 to 749.9 acres   |                             | -                           | 2                       | -                       | -                        | -                      | -                          | 4                         |
| 750.0 to 999.9 acres   |                             | -                           | 1                       | 1                       | -                        | -                      | -                          | 3                         |
| 1,000.0 acres or more  |                             | -                           | -                       | -                       | -                        | -                      | -                          | 1                         |
| Land in orchards   | farms<br>acres              | 8<br>62                     | 49<br>5,198             | 15<br>183               | 15<br>71                 | 12<br>56               | 2<br>(D)                   | 47<br>299                 |
| Irrigated  | farms<br>acres              | 1<br>(D)                    | 10<br>147               | -<br>-                  | -<br>(D)                 | 1<br>(D)               | 2<br>(D)                   | 5<br>371                  |
| Farms by bearing and nonbearing acres:   |                             |                             |                         |                         |                          |                        |                            |                           |
| 0.1 to 4.9 acres   |                             | 6                           | 13                      | 8                       | 10                       | 6                      | 2                          | 32                        |
| 5.0 to 24.9 acres  |                             | -                           | 16                      | 3                       | 5                        | 6                      | -                          | 13                        |
| 25.0 to 99.9 acres   |                             | 2                           | 5                       | 4                       | -                        | -                      | -                          | 4                         |
| 100.0 to 249.9 acres   |                             | -                           | 8                       | -                       | -                        | -                      | -                          | 4                         |
| 250.0 to 499.9 acres   |                             | -                           | 4                       | -                       | -                        | -                      | -                          | 1                         |
| 500.0 acres or more  |                             | -                           | 3                       | -                       | -                        | -                      | -                          | -                         |
| 500.0 to 749.9 acres   |                             | -                           | 2                       | -                       | -                        | -                      | -                          | -                         |
| 750.0 to 999.9 acres   |                             | -                           | -                       | -                       | -                        | -                      | -                          | -                         |
| 1,000.0 acres or more  |                             | -                           | 1                       | -                       | -                        | -                      | -                          | -                         |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Montmorency                       | Muskegon              | Newaygo                 | Oakland                 | Oceana                 | Ogemaw                  | Ontonagon               | Osceola                |                          |
|--|-----------------------------------|-----------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|--------------------------|
| Soybeans for beans   | 9<br>farms<br>acres<br>bushels    | 34<br>4,627<br>45,778 | 60<br>5,785<br>178,500  | 24<br>4,043<br>203,724  | 22<br>2,315<br>80,203  | 10<br>856<br>38,629     | -<br>-                  | 6<br>(D)<br>(D)        |                          |
| Irrigated  | -<br>farms<br>acres               | -<br>(D)              | 4<br>668                | -<br>-                  | 1<br>(D)               | -<br>-                  | -<br>-                  | -<br>-                 |                          |
| Farms by acres harvested:  |                                   |                       |                         |                         |                        |                         |                         |                        |                          |
| 1 to 24 acres  | -                                 | 12                    | 16                      | 2                       | 5                      | 3                       | -                       | 4                      |                          |
| 25 to 99 acres   | -                                 | 4                     | 11                      | 33                      | 11                     | 9                       | 4                       | 2                      |                          |
| 100 to 249 acres   | -                                 | 5                     | 9                       | 6                       | 3                      | 6                       | 2                       | -                      |                          |
| 250 to 499 acres   | -                                 | -                     | -                       | 3                       | 7                      | 1                       | 1                       | -                      |                          |
| 500 acres or more  | -                                 | -                     | 2                       | 2                       | 1                      | 1                       | -                       | -                      |                          |
| 500 to 999 acres   | -                                 | -                     | 1                       | 2                       | 1                      | 1                       | -                       | -                      |                          |
| 1,000 acres or more  | -                                 | -                     | 1                       | -                       | -                      | -                       | -                       | -                      |                          |
| Dry edible beans, excluding limas  | 2<br>farms<br>acres<br>(D)<br>(D) | -<br>-<br>179<br>(D)  | 4<br>(D)                | 1<br>(D)                | -<br>-                 | -<br>-                  | -<br>-                  | -<br>-                 |                          |
| Irrigated  | -<br>farms<br>acres               | -<br>-                | -<br>-                  | -<br>-                  | -<br>-                 | -<br>-                  | -<br>-                  | -<br>-                 |                          |
| Farms by acres harvested:  |                                   |                       |                         |                         |                        |                         |                         |                        |                          |
| 1 to 24 acres  | -                                 | -                     | 2                       | -                       | -                      | -                       | -                       | -                      |                          |
| 25 to 99 acres   | -                                 | 1                     | -                       | 2                       | 1                      | -                       | -                       | -                      |                          |
| 100 to 249 acres   | -                                 | 1                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 250 to 499 acres   | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 500 acres or more  | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 500 to 999 acres   | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 1,000 acres or more  | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| Potatoes   | -<br>farms<br>acres               | 5<br>241<br>66,064    | 5<br>(D)<br>5<br>(D)    | 4<br>13<br>242          | 4<br>2<br>428          | 2<br>(D)<br>(D)         | 1<br>(D)<br>(D)         | 2<br>(D)<br>(D)        |                          |
| Irrigated  | -<br>farms<br>acres               | -<br>241              | -<br>(D)                | -<br>(D)                | -<br>(D)               | -<br>-                  | -<br>-                  | -<br>(D)               |                          |
| Farms by acres harvested:  |                                   |                       |                         |                         |                        |                         |                         |                        |                          |
| 0.1 to 4.9 acres   | -                                 | 2                     | 4                       | 2                       | 4                      | 2                       | 1                       | 1                      |                          |
| 5.0 to 24.9 acres  | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 25.0 to 99.9 acres   | -                                 | 3                     | -                       | 2                       | -                      | -                       | -                       | -                      |                          |
| 100.0 to 249.9 acres   | -                                 | -                     | 1                       | -                       | -                      | -                       | -                       | -                      |                          |
| 250.0 to 499.9 acres   | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | 1                      |                          |
| 500.0 acres or more  | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 500.0 to 999.9 acres   | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 1,000.0 acres or more  | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| Sugarbeets for sugar   | -<br>farms<br>acres<br>tons       | -<br>-<br>-           | -<br>-<br>(D)           | 1<br>(D)                | -<br>-                 | 2<br>(D)<br>(D)         | -<br>-                  | -<br>-                 |                          |
| Irrigated  | -<br>farms<br>acres               | -<br>-                | -<br>-                  | -<br>-                  | -<br>-                 | -<br>-                  | -<br>-                  | -<br>-                 |                          |
| Farms by acres harvested:  |                                   |                       |                         |                         |                        |                         |                         |                        |                          |
| 1 to 24 acres  | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 25 to 99 acres   | -                                 | -                     | -                       | -                       | -                      | -                       | 1                       | -                      |                          |
| 100 to 249 acres   | -                                 | -                     | -                       | 1                       | -                      | 1                       | -                       | -                      |                          |
| 250 to 499 acres   | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 500 acres or more  | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 500 to 999 acres   | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| 1,000 acres or more  | -                                 | -                     | -                       | -                       | -                      | -                       | -                       | -                      |                          |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) | -<br>farms<br>acres<br>tons, dry  | 91<br>5,233<br>14,473 | 234<br>12,486<br>42,680 | 519<br>28,440<br>81,313 | 157<br>6,278<br>12,407 | 301<br>15,188<br>40,429 | 189<br>21,924<br>74,434 | 85<br>11,616<br>24,457 | 386<br>40,289<br>115,215 |
| Irrigated  | -<br>farms<br>acres<br>(D)        | 1<br>3<br>(D)         | 12<br>338               | 6<br>99                 | 5<br>140               | 1<br>(D)                | 2<br>(D)                | 7<br>791               |                          |
| Farms by acres harvested:  |                                   |                       |                         |                         |                        |                         |                         |                        |                          |
| 1 to 24 acres  | -                                 | 38                    | 121                     | 247                     | 90                     | 146                     | 40                      | 17                     |                          |
| 25 to 99 acres   | -                                 | 39                    | 82                      | 192                     | 46                     | 120                     | 75                      | 35                     |                          |
| 100 to 249 acres   | -                                 | 9                     | 24                      | 65                      | 20                     | 30                      | 46                      | 18                     |                          |
| 250 to 499 acres   | -                                 | 5                     | 6                       | 13                      | 1                      | 3                       | 21                      | 9                      |                          |
| 500 acres or more  | -                                 | -                     | 1                       | 2                       | -                      | 2                       | 7                       | 8                      |                          |
| 500 to 999 acres   | -                                 | -                     | -                       | 2                       | -                      | 1                       | 7                       | 6                      |                          |
| 1,000 acres or more  | -                                 | -                     | 1                       | -                       | -                      | 1                       | -                       | 1                      |                          |
| Vegetables harvested for<br>sale (see text)  | -<br>farms<br>acres               | 4<br>10               | 29<br>2,784             | 50<br>4,941             | 32<br>590              | 179<br>16,312           | 6<br>15                 | -<br>125               |                          |
| Farms by acres harvested:  |                                   |                       |                         |                         |                        |                         |                         |                        |                          |
| 0.1 to 4.9 acres   | -                                 | 3                     | 9                       | 21                      | 14                     | 25                      | 5                       | -                      |                          |
| 5.0 to 24.9 acres  | -                                 | 1                     | 6                       | 9                       | 11                     | 43                      | 1                       | 4                      |                          |
| 25.0 to 99.9 acres   | -                                 | -                     | 7                       | 9                       | 6                      | 75                      | -                       | -                      |                          |
| 100.0 to 249.9 acres   | -                                 | -                     | 5                       | 4                       | 1                      | 22                      | -                       | 1                      |                          |
| 250.0 to 499.9 acres   | -                                 | -                     | 1                       | 3                       | -                      | 7                       | -                       | -                      |                          |
| 500.0 acres or more  | -                                 | -                     | 1                       | 4                       | -                      | 7                       | -                       | -                      |                          |
| 500.0 to 749.9 acres   | -                                 | -                     | -                       | 3                       | -                      | 3                       | -                       | -                      |                          |
| 750.0 to 999.9 acres   | -                                 | -                     | -                       | 1                       | -                      | 4                       | -                       | -                      |                          |
| 1,000.0 acres or more  | -                                 | -                     | 1                       | -                       | -                      | -                       | -                       | -                      |                          |
| Land in orchards   | -<br>farms<br>acres               | 4<br>6                | 24<br>3,233             | 35<br>1,950             | 22<br>307              | 130<br>15,681           | 3<br>(D)                | 8<br>11                |                          |
| Irrigated  | -<br>farms<br>acres<br>(D)        | 2<br>7<br>(D)         | 7<br>664                | 5<br>210<br>(D)         | 11<br>288<br>(D)       | 2<br>11<br>(D)          | 3<br>3                  | -<br>-                 |                          |
| Farms by bearing and nonbearing acres:   |                                   |                       |                         |                         |                        |                         |                         |                        |                          |
| 0.1 to 4.9 acres   | -                                 | 4                     | 2                       | 11                      | 16                     | 17                      | 2                       | 8                      |                          |
| 5.0 to 24.9 acres  | -                                 | -                     | 11                      | 11                      | 4                      | 29                      | -                       | 1                      |                          |
| 25.0 to 99.9 acres   | -                                 | -                     | 3                       | 8                       | 1                      | 39                      | 1                       | -                      |                          |
| 100.0 to 249.9 acres   | -                                 | -                     | 3                       | 2                       | 1                      | 29                      | -                       | -                      |                          |
| 250.0 to 499.9 acres   | -                                 | -                     | 3                       | 3                       | -                      | 13                      | -                       | -                      |                          |
| 500.0 acres or more  | -                                 | -                     | 2                       | -                       | -                      | 3                       | -                       | -                      |                          |
| 500.0 to 749.9 acres   | -                                 | -                     | 1                       | -                       | -                      | -                       | -                       | -                      |                          |
| 750.0 to 999.9 acres   | -                                 | -                     | 1                       | -                       | -                      | 1                       | -                       | -                      |                          |
| 1,000.0 acres or more  | -                                 | -                     | -                       | -                       | -                      | 2                       | -                       | -                      |                          |

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Oscoda                        | Otsego                  | Ottawa                     | Presque Isle              | Roscommon                 | Saginaw                     | St. Clair                  | St. Joseph                 |
|--|-------------------------------|-------------------------|----------------------------|---------------------------|---------------------------|-----------------------------|----------------------------|----------------------------|
| Soybeans for beans   | - farms<br>acres<br>bushels   | - 2<br>(D)<br>(D)       | 187<br>23,439<br>1,039,788 | 8<br>916<br>34,464        | -<br>-<br>-               | 666<br>106,117<br>4,158,247 | 365<br>75,733<br>2,664,397 | 312<br>60,143<br>2,508,245 |
| Irrigated  | - farms<br>acres              | - 4<br>- 149            | - 2<br>(D)                 | -<br>-                    | - 8<br>271                | - 4<br>73                   | - 140<br>29,409            |                            |
| Farms by acres harvested:  |                               |                         |                            |                           |                           |                             |                            |                            |
| 1 to 24 acres  | -                             | - 1                     | - 44                       | - 2                       | -                         | - 118                       | - 54                       | - 58                       |
| 25 to 99 acres   | -                             | - 1                     | - 85                       | - 2                       | -                         | - 292                       | - 139                      | - 108                      |
| 100 to 249 acres   | -                             | -                       | - 34                       | - 3                       | -                         | - 136                       | - 96                       | - 64                       |
| 250 to 499 acres   | -                             | -                       | - 15                       | - 1                       | -                         | - 63                        | - 37                       | - 53                       |
| 500 acres or more  | -                             | -                       | - 9                        | -                         | -                         | - 57                        | - 39                       | - 29                       |
| 500 to 999 acres   | -                             | -                       | - 6                        | -                         | -                         | - 48                        | - 27                       | - 23                       |
| 1,000 acres or more  | -                             | -                       | - 3                        | -                         | -                         | - 9                         | - 12                       | - 6                        |
| Dry edible beans, excluding limas  | - farms<br>acres<br>cwt       | - 1<br>(D)<br>(D)       | - 1<br>(D)<br>15,768       | - 14<br>1,050             | -<br>- 1<br>- (D)         | - 122<br>15,784<br>290,000  | - 8<br>174<br>3,386        | - 2<br>(D)<br>- 1<br>(D)   |
| Irrigated  | - farms<br>acres              | -                       | -                          | -                         | -                         | - 1<br>(D)                  | -                          | - (D)                      |
| Farms by acres harvested:  |                               |                         |                            |                           |                           |                             |                            |                            |
| 1 to 24 acres  | -                             | -                       | -                          | - 2                       | -                         | - 24                        | - 4                        | - 1                        |
| 25 to 99 acres   | -                             | -                       | - 1                        | - 8                       | -                         | - 57                        | - 4                        | - 1                        |
| 100 to 249 acres   | -                             | - 1                     | -                          | - 3                       | -                         | - 21                        | -                          | -                          |
| 250 to 499 acres   | -                             | -                       | -                          | - 1                       | -                         | - 16                        | -                          | -                          |
| 500 acres or more  | -                             | -                       | -                          | -                         | -                         | - 4                         | -                          | -                          |
| 500 to 999 acres   | -                             | -                       | -                          | -                         | -                         | - 2                         | -                          | -                          |
| 1,000 acres or more  | -                             | -                       | -                          | -                         | -                         | - 2                         | -                          | -                          |
| Potatoes   | - farms<br>acres<br>cwt       | - 5<br>412<br>133,900   | - 16<br>39<br>3,666        | - 18<br>2,298<br>581,683  | -<br>- 4<br>- 23          | - 8<br>1,517<br>476,859     | - 5<br>23<br>3,710         | - 19<br>6,309<br>2,176,062 |
| Irrigated  | - farms<br>acres              | - 5<br>412              | - 14                       | - 4                       | -                         | - 4<br>1,271                | - 1<br>(D)                 | - 11<br>6,264              |
| Farms by acres harvested:  |                               |                         |                            |                           |                           |                             |                            |                            |
| 0.1 to 4.9 acres   | -                             | - 2                     | - 14                       | - 2                       | -                         | - 5                         | - 2                        | - 7                        |
| 5.0 to 24.9 acres  | -                             | -                       | - 2                        | - 2                       | -                         | -                           | - 3                        | - 1                        |
| 25.0 to 99.9 acres   | -                             | - 1                     | -                          | - 7                       | -                         | -                           | -                          | - 4                        |
| 100.0 to 249.9 acres   | -                             | - 2                     | -                          | - 4                       | -                         | -                           | -                          | - 2                        |
| 250.0 to 499.9 acres   | -                             | -                       | -                          | - 2                       | -                         | -                           | -                          | - 4                        |
| 500.0 acres or more  | -                             | -                       | -                          | - 1                       | -                         | - 1                         | -                          | - 1                        |
| 500.0 to 999.9 acres   | -                             | -                       | -                          | - 1                       | -                         | - 2                         | -                          | -                          |
| 1,000.0 acres or more  | -                             | -                       | -                          | -                         | -                         | -                           | -                          | - 1                        |
| Sugarbeets for sugar   | - farms<br>acres<br>tons      | -                       | - 1<br>(D)<br>(D)          | -                         | -                         | - 140<br>19,563<br>348,826  | - 6<br>1,337<br>24,008     | -                          |
| Irrigated  | - farms<br>acres              | -                       | -                          | -                         | -                         | - 1<br>(D)                  | -                          | -                          |
| Farms by acres harvested:  |                               |                         |                            |                           |                           |                             |                            |                            |
| 1 to 24 acres  | -                             | -                       | - 1                        | -                         | -                         | - 13                        | -                          | -                          |
| 25 to 99 acres   | -                             | -                       | -                          | -                         | -                         | - 63                        | -                          | -                          |
| 100 to 249 acres   | -                             | -                       | -                          | -                         | -                         | - 41                        | - 3                        | -                          |
| 250 to 499 acres   | -                             | -                       | -                          | -                         | -                         | - 18                        | - 3                        | -                          |
| 500 acres or more  | -                             | -                       | -                          | -                         | -                         | - 5                         | -                          | -                          |
| 500 to 999 acres   | -                             | -                       | -                          | -                         | -                         | - 4                         | -                          | -                          |
| 1,000 acres or more  | -                             | -                       | -                          | -                         | -                         | - 1                         | -                          | -                          |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) | - farms<br>acres<br>tons, dry | - 87<br>5,011<br>11,580 | - 87<br>9,782<br>24,882    | - 508<br>22,002<br>72,605 | - 198<br>15,232<br>37,555 | - 24<br>1,485<br>2,857      | - 286<br>7,453<br>26,465   | - 554<br>18,354<br>41,901  |
| Irrigated  | - farms<br>acres              | -                       | -                          | - 6<br>235                | - 1<br>(D)                | - 2<br>(D)                  | - 14<br>276                | - 21<br>965                |
| Farms by acres harvested:  |                               |                         |                            |                           |                           |                             |                            |                            |
| 1 to 24 acres  | -                             | - 36                    | - 15                       | - 271                     | - 53                      | - 9                         | - 198                      | - 326<br>229               |
| 25 to 99 acres   | -                             | - 37                    | - 40                       | - 179                     | - 115                     | - 12                        | - 78                       | - 190<br>110               |
| 100 to 249 acres   | -                             | - 12                    | - 21                       | - 47                      | - 17                      | - 2                         | - 8                        | - 41<br>36                 |
| 250 to 499 acres   | -                             | - 2                     | - 10                       | - 11                      | - 7                       | - 1                         | - 2                        | - 2<br>4                   |
| 500 acres or more  | -                             | -                       | - 1                        | -                         | - 6                       | -                           | -                          | -                          |
| 500 to 999 acres   | -                             | -                       | - 1                        | -                         | - 6                       | -                           | -                          | -                          |
| 1,000 acres or more  | -                             | -                       | -                          | -                         | -                         | -                           | -                          | -                          |
| Vegetables harvested for<br>sale (see text)  | - farms<br>acres              | - 1<br>(D)              | - 11<br>66                 | - 113<br>3,602            | - 10<br>100               | - 2<br>(D)                  | - 59<br>3,486              | - 44<br>1,021              |
| Farms by acres harvested:  |                               |                         |                            |                           |                           |                             |                            |                            |
| 0.1 to 4.9 acres   | -                             | - 1                     | - 3                        | - 49                      | - 6                       | - 2                         | - 31                       | - 18<br>16                 |
| 5.0 to 24.9 acres  | -                             | -                       | - 8                        | - 42                      | - 3                       | -                           | - 14                       | - 13<br>14                 |
| 25.0 to 99.9 acres   | -                             | -                       | -                          | - 13                      | - 1                       | -                           | - 4                        | - 11<br>9                  |
| 100.0 to 249.9 acres   | -                             | -                       | -                          | - 5                       | -                         | -                           | - 6                        | - 2<br>17                  |
| 250.0 to 499.9 acres   | -                             | -                       | -                          | - 4                       | -                         | -                           | - 2                        | - 9<br>4                   |
| 500.0 acres or more  | -                             | -                       | -                          | -                         | -                         | -                           | - 2                        | -                          |
| 500.0 to 749.9 acres   | -                             | -                       | -                          | -                         | -                         | -                           | - 2                        | -                          |
| 750.0 to 999.9 acres   | -                             | -                       | -                          | -                         | -                         | -                           | -                          | -                          |
| 1,000.0 acres or more  | -                             | -                       | -                          | -                         | -                         | -                           | -                          | - 2                        |
| Land in orchards   | - farms<br>acres              | - 6<br>13               | - 3<br>15                  | - 65<br>3,952             | - 13<br>42                | - 2<br>(D)                  | - 19<br>76                 | - 37<br>188                |
| Irrigated  | - farms<br>acres              | -                       | - 3<br>15                  | - 9<br>187                | - 1<br>(D)                | - 2<br>(D)                  | - 3<br>3                   | - 5<br>12<br>(Z)           |
| Farms by bearing and nonbearing acres:   |                               |                         |                            |                           |                           |                             |                            |                            |
| 0.1 to 4.9 acres   | -                             | - 6                     | -                          | - 9                       | - 10                      | - 2                         | - 15                       | - 27<br>9                  |
| 5.0 to 24.9 acres  | -                             | -                       | - 3                        | - 25                      | - 3                       | -                           | - 4                        | - 8<br>3                   |
| 25.0 to 99.9 acres   | -                             | -                       | -                          | - 20                      | -                         | -                           | -                          | - 2                        |
| 100.0 to 249.9 acres   | -                             | -                       | -                          | - 7                       | -                         | -                           | -                          | - 1                        |
| 250.0 to 499.9 acres   | -                             | -                       | -                          | - 4                       | -                         | -                           | -                          | -                          |
| 500.0 acres or more  | -                             | -                       | -                          | -                         | -                         | -                           | -                          | -                          |
| 500.0 to 749.9 acres   | -                             | -                       | -                          | -                         | -                         | -                           | -                          | -                          |
| 750.0 to 999.9 acres   | -                             | -                       | -                          | -                         | -                         | -                           | -                          | -                          |
| 1,000.0 acres or more  | -                             | -                       | -                          | -                         | -                         | -                           | -                          | -                          |

--continued

**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Sanilac  | Schoolcraft          | Shiawassee                | Tuscola  | Van Buren   | Washtenaw                              | Wayne                              | Wexford                |
|--|--|----------------------|---------------------------|--|---|--|------------------------------------|------------------------|
| Soybeans for beans   | 625<br>farms<br>125,267<br>acres<br>bushels<br>5,030,902 | -<br>(D)             | 475<br>90,209<br>-<br>(D) | 427<br>77,296<br>3,244,854<br>9<br>971                       | 140<br>29,321<br>1,102,055<br>20<br>2,218             | 346<br>46,470<br>1,592,514<br>8<br>453 | 61<br>7,251<br>185,249<br>1<br>(D) | 1<br>(D)<br>-          |
| Irrigated  | 2<br>farms<br>acres<br>(D)                               | -<br>(D)             | 2<br>-<br>(D)             | 2<br>176<br>106<br>55<br>38<br>13<br>22<br>8<br>18<br>5<br>4 | 27<br>56<br>32<br>12<br>13<br>22<br>8<br>18<br>5<br>4 | 63<br>147<br>90<br>24<br>18<br>5<br>-  | 24<br>18<br>14<br>-                | 1<br>-                 |
| Farms by acres harvested:  |  |                      |                           |  |   |  |                                    |                        |
| 1 to 24 acres  | 64   | -                    | 69                        | 52   | 27  | 63                                     | 24                                 | 1                      |
| 25 to 99 acres   | 233  | -                    | 179                       | 176  | 56  | 147                                    | 18                                 | -                      |
| 100 to 249 acres   | 175  | -                    | 108                       | 106  | 32  | 90                                     | 14                                 | -                      |
| 250 to 499 acres   | 89   | -                    | 76                        | 55   | 12  | 24                                     | -                                  | -                      |
| 500 acres or more  | 64   | -                    | 43                        | 38   | 13  | 22                                     | 5                                  | -                      |
| 500 to 999 acres   | 48   | -                    | 33                        | 28   | 8   | 18                                     | 5                                  | -                      |
| 1,000 acres or more  | 16   | -                    | 10                        | 10   | 5   | 4                                      | -                                  | -                      |
| Dry edible beans, excluding limas  | 133<br>farms<br>acres<br>17,578<br>cwt<br>294,060        | 2<br>(D)             | 7<br>189<br>2,568         | 217<br>41,047<br>768,498                                     | -<br>(D)  | 1<br>(D)                               | -<br>(D)                           | -<br>(D)               |
| Irrigated  | -<br>farms<br>acres                                      | -<br>(D)             | -<br>(D)                  | 2<br>(D)   | -<br>(D)  | -<br>(D)                               | -<br>(D)                           | -<br>(D)               |
| Farms by acres harvested:  |  |                      |                           |  |   |  |                                    |                        |
| 1 to 24 acres  | 18   | 1                    | 4                         | 30   | -   | -                                      | -                                  | -                      |
| 25 to 99 acres   | 54   | -                    | 3                         | 80   | -   | -                                      | -                                  | -                      |
| 100 to 249 acres   | 44   | 1                    | -                         | 55   | -   | 1                                      | -                                  | -                      |
| 250 to 499 acres   | 12   | -                    | -                         | 35   | -   | -                                      | -                                  | -                      |
| 500 acres or more  | 5  | -                    | -                         | 17   | -   | -                                      | -                                  | -                      |
| 500 to 999 acres   | 4  | -                    | -                         | 13   | -   | -                                      | -                                  | -                      |
| 1,000 acres or more  | 1  | -                    | -                         | 4  | -   | -                                      | -                                  | -                      |
| Potatoes   | 9<br>farms<br>acres<br>(D)                               | 5<br>(D)             | 1<br>(D)                  | 9<br>679<br>205,294  | 4<br>48<br>2,625                                      | 5<br>(D)<br>(D)                        | 2<br>(D)<br>(D)                    | 5<br>203               |
| Irrigated  | 5<br>farms<br>acres<br>(D)                               | -<br>(D)             | -<br>(D)                  | 3<br>(D)   | 1<br>(D)  | 2<br>(D)                               | -<br>(D)                           | 2<br>(D)               |
| Farms by acres harvested:  |  |                      |                           |  |   |  |                                    |                        |
| 0.1 to 4.9 acres   | 7  | 3                    | -                         | 5  | 2   | 4                                      | 2                                  | 5                      |
| 5.0 to 24.9 acres  | 1  | 1                    | 1                         | -  | 1   | -                                      | -                                  | -                      |
| 25.0 to 99.9 acres   | -  | -                    | -                         | 2  | 1   | -                                      | -                                  | -                      |
| 100.0 to 249.9 acres   | 1  | 1                    | -                         | 1  | -   | -                                      | -                                  | -                      |
| 250.0 to 499.9 acres   | -  | -                    | -                         | 1  | -   | 1                                      | -                                  | -                      |
| 500.0 acres or more  | -  | -                    | -                         | -  | -   | -                                      | -                                  | -                      |
| 500.0 to 999.9 acres   | -  | -                    | -                         | -  | -   | -                                      | -                                  | -                      |
| 1,000.0 acres or more  | -  | -                    | -                         | -  | -   | -                                      | -                                  | -                      |
| Sugarbeets for sugar   | 93<br>farms<br>acres<br>20,719<br>tons<br>372,514        | 1<br>(D)             | 2<br>(D)                  | 144<br>25,861<br>469,760                                     | -<br>-  | -<br>-                                 | -<br>-                             | -<br>-                 |
| Irrigated  | 2<br>farms<br>acres<br>(D)                               | -<br>(D)             | -<br>(D)                  | 9<br>649   | -<br>-  | -<br>-                                 | -<br>-                             | -<br>-                 |
| Farms by acres harvested:  |  |                      |                           |  |   |  |                                    |                        |
| 1 to 24 acres  | 3  | 1                    | 1                         | 23   | -   | -                                      | -                                  | -                      |
| 25 to 99 acres   | 32   | -                    | 1                         | 39   | -   | -                                      | -                                  | -                      |
| 100 to 249 acres   | 35   | -                    | -                         | 48   | -   | -                                      | -                                  | -                      |
| 250 to 499 acres   | 11   | -                    | -                         | 26   | -   | -                                      | -                                  | -                      |
| 500 acres or more  | 12   | -                    | -                         | 8  | -   | -                                      | -                                  | -                      |
| 500 to 999 acres   | 8  | -                    | -                         | 6  | -   | -                                      | -                                  | -                      |
| 1,000 acres or more  | 4  | -                    | -                         | 2  | -   | -                                      | -                                  | -                      |
| Forage - land used for all hay and<br>haylage, grass silage, and<br>greenchop (see text) | 700<br>farms<br>acres<br>47,899<br>tons, dry<br>178,292  | 35<br>3,748<br>8,267 | 409<br>15,556<br>53,558   | 454<br>18,126<br>63,585                                      | 348<br>12,623<br>34,178                               | 534<br>18,501<br>59,240                | 60<br>1,259<br>2,524               | 180<br>9,164<br>20,824 |
| Irrigated  | 13<br>farms<br>acres<br>105                              | -<br>(D)             | 6<br>71                   | 8<br>72  | 18<br>411   | 11<br>133                              | -<br>(D)                           | 3<br>-                 |
| Farms by acres harvested:  |  |                      |                           |  |   |  |                                    |                        |
| 1 to 24 acres  | 294  | 9                    | 251                       | 262  | 213   | 323                                    | 49                                 | 81                     |
| 25 to 99 acres   | 263  | 13                   | 128                       | 142  | 109   | 171                                    | 5                                  | 72                     |
| 100 to 249 acres   | 113  | 10                   | 21                        | 45   | 18  | 36                                     | 6                                  | 25                     |
| 250 to 499 acres   | 20   | 1                    | 8                         | 4  | 8   | 3                                      | -                                  | 2                      |
| 500 acres or more  | 10   | 2                    | 1                         | 1  | 1   | -                                      | -                                  | -                      |
| 500 to 999 acres   | 8  | 2                    | -                         | 1  | -   | 1                                      | -                                  | -                      |
| 1,000 acres or more  | 2  | -                    | 1                         | -  | -   | -                                      | -                                  | -                      |
| Vegetables harvested for<br>sale (see text)  | 34<br>farms<br>acres<br>259                              | 6<br>28              | 20<br>84                  | 52<br>2,230  | 91<br>10,553  | 70<br>2,124                            | 44<br>1,336                        | 14<br>191              |
| Farms by acres harvested:  |  |                      |                           |  |   |  |                                    |                        |
| 0.1 to 4.9 acres   | 22   | 4                    | 9                         | 25   | 34  | 37                                     | 12                                 | 10                     |
| 5.0 to 24.9 acres  | 10   | 2                    | 11                        | 12   | 32  | 25                                     | 23                                 | 3                      |
| 25.0 to 99.9 acres   | 1  | -                    | -                         | 6  | 13  | 6                                      | 1                                  | -                      |
| 100.0 to 249.9 acres   | 1  | -                    | -                         | 7  | 7   | -                                      | 1                                  | 1                      |
| 250.0 to 499.9 acres   | -  | -                    | -                         | 1  | 3   | 1                                      | 2                                  | -                      |
| 500.0 acres or more  | -  | -                    | -                         | 1  | 2   | 1                                      | -                                  | -                      |
| 500.0 to 749.9 acres   | -  | -                    | -                         | 1  | -   | -                                      | -                                  | -                      |
| 750.0 to 999.9 acres   | -  | -                    | -                         | -  | -   | -                                      | -                                  | -                      |
| 1,000.0 acres or more  | -  | -                    | -                         | 2  | 1   | -                                      | -                                  | -                      |
| Land in orchards   | 23<br>farms<br>acres<br>147                              | 5<br>(D)             | 13<br>188                 | 11<br>197  | 188<br>10,281   | 45<br>337                              | 11<br>144                          | 8<br>24                |
| Irrigated  | 4<br>farms<br>acres<br>10                                | -<br>(D)             | 2<br>(D)                  | 2<br>(D)   | 27<br>1,331   | 12<br>47                               | 4<br>88                            | 1<br>(D)               |
| Farms by bearing and nonbearing acres:   |  |                      |                           |  |   |  |                                    |                        |
| 0.1 to 4.9 acres   | 13   | 4                    | 7                         | 6  | 27  | 27                                     | 7                                  | 5                      |
| 5.0 to 24.9 acres  | 9  | 1                    | 4                         | 4  | 56  | 15                                     | 2                                  | 3                      |
| 25.0 to 99.9 acres   | 1  | -                    | 1                         | 1  | 81  | 3                                      | 2                                  | -                      |
| 100.0 to 249.9 acres   | -  | -                    | 1                         | 1  | 19  | -                                      | -                                  | -                      |
| 250.0 to 499.9 acres   | -  | -                    | -                         | -  | 3   | -                                      | -                                  | -                      |
| 500.0 acres or more  | -  | -                    | -                         | -  | 2   | -                                      | -                                  | -                      |
| 500.0 to 749.9 acres   | -  | -                    | -                         | -  | 2   | -                                      | -                                  | -                      |
| 750.0 to 999.9 acres   | -  | -                    | -                         | -  | -   | -                                      | -                                  | -                      |
| 1,000.0 acres or more  | -  | -                    | -                         | -  | -   | -                                      | -                                  | -                      |

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                     | 2002      |           |             |           |         | 1997      |           |             |           |         |
|-------------------------------------|-----------|-----------|-------------|-----------|---------|-----------|-----------|-------------|-----------|---------|
|                                     | Harvested |           |             | Irrigated |         | Harvested |           |             | Irrigated |         |
|                                     | Farms     | Acres     | Quantity    | Farms     | Acres   | Farms     | Acres     | Quantity    | Farms     | Acres   |
| <b>CORN FOR GRAIN<br/>(BUSHELS)</b> |           |           |             |           |         |           |           |             |           |         |
| <b>State Total</b>                  |           |           |             |           |         |           |           |             |           |         |
| Michigan .....                      | 13,613    | 2,007,021 | 234,709,542 | 857       | 180,261 | 18,089    | 2,190,146 | 245,261,942 | 816       | 169,174 |
| <b>Counties</b>                     |           |           |             |           |         |           |           |             |           |         |
| Alcona .....                        | 14        | 395       | 32,721      | -         | -       | 26        | 1,322     | 78,308      | -         | -       |
| Alger .....                         | 1         | (D)       | (D)         | -         | -       | (NA)      | (NA)      | (NA)        | (NA)      | (NA)    |
| Allegan .....                       | 347       | 62,792    | 7,822,736   | 25        | 4,290   | 525       | 73,861    | 8,073,361   | 31        | 4,931   |
| Alpena .....                        | 58        | 4,296     | 476,672     | 1         | (D)     | 66        | 5,864     | 469,971     | 1         | (D)     |
| Antrim .....                        | 46        | 2,713     | 302,628     | 1         | (D)     | 38        | 1,853     | 160,479     | 1         | (D)     |
| Arenac .....                        | 108       | 11,113    | 1,414,724   | -         | -       | 130       | 15,047    | 1,729,069   | 2         | (D)     |
| Baraga .....                        | 2         | (D)       | (D)         | -         | -       | (NA)      | (NA)      | (NA)        | (NA)      | (NA)    |
| Barry .....                         | 192       | 33,435    | 3,906,114   | 9         | 1,131   | 290       | 30,690    | 2,995,760   | 10        | 533     |
| Bay .....                           | 349       | 46,660    | 6,189,785   | 10        | 397     | 398       | 46,091    | 5,950,285   | 13        | 1,124   |
| Benzie .....                        | 23        | 819       | 72,124      | 1         | (D)     | 39        | 1,478     | 104,337     | -         | -       |
| Berrien .....                       | 240       | 41,376    | 4,866,156   | 27        | 6,522   | 315       | 44,879    | 5,112,663   | 18        | 4,440   |
| Branch .....                        | 373       | 77,231    | 8,941,042   | 97        | 23,160  | 539       | 86,881    | 10,175,923  | 89        | 19,871  |
| Calhoun .....                       | 421       | 65,608    | 7,038,468   | 39        | 5,864   | 578       | 75,038    | 7,142,241   | 36        | 5,833   |
| Cass .....                          | 251       | 58,243    | 6,664,895   | 49        | 14,843  | 386       | 66,226    | 6,979,999   | 39        | 10,374  |
| Charlevoix .....                    | 36        | 1,613     | 167,694     | -         | -       | 37        | 1,846     | 123,771     | -         | -       |
| Cheboygan .....                     | 12        | 409       | 41,670      | -         | -       | 16        | 448       | 35,358      | -         | -       |
| Chippewa .....                      | 1         | (D)       | (D)         | -         | -       | (NA)      | (NA)      | (NA)        | (NA)      | (NA)    |
| Clare .....                         | 48        | 2,180     | 222,942     | -         | -       | 68        | 3,564     | 352,400     | -         | -       |
| Clinton .....                       | 416       | 56,992    | 6,503,642   | 1         | (D)     | 592       | 60,189    | 7,069,152   | 3         | (D)     |
| Crawford .....                      | 3         | 25        | 2,100       | -         | -       | 3         | 33        | 1,950       | -         | -       |
| Delta .....                         | 22        | 2,110     | 213,845     | 3         | (D)     | 34        | 2,274     | 181,500     | -         | -       |
| Dickinson .....                     | 11        | 345       | 50,475      | 1         | (D)     | 11        | 406       | 33,341      | -         | -       |
| Eaton .....                         | 387       | 65,025    | 7,550,197   | 4         | 146     | 494       | 64,485    | 7,315,173   | 2         | (D)     |
| Emmet .....                         | 35        | 1,290     | 124,149     | 1         | (D)     | 36        | 1,279     | 87,015      | -         | -       |
| Genesee .....                       | 164       | 28,338    | 2,487,425   | 8         | 177     | 203       | 27,969    | 2,838,479   | -         | -       |
| Gladwin .....                       | 108       | 5,783     | 685,957     | -         | -       | 161       | 7,403     | 722,863     | 1         | (D)     |
| Grand Traverse .....                | 67        | 5,182     | 497,606     | 3         | 262     | 88        | 7,108     | 565,411     | 1         | (D)     |
| Gratiot .....                       | 415       | 74,067    | 9,467,214   | 16        | 1,049   | 527       | 77,902    | 9,644,845   | 7         | 990     |
| Hillsdale .....                     | 417       | 64,651    | 6,444,942   | 18        | 1,979   | 521       | 69,303    | 7,716,972   | 15        | 2,566   |
| Houghton .....                      | 3         | (D)       | (D)         | 1         | (D)     | 4         | 43        | (D)         | -         | -       |
| Huron .....                         | 531       | 99,987    | 14,342,812  | 5         | 504     | 715       | 110,064   | 13,782,487  | 11        | 1,115   |
| Ingham .....                        | 248       | 49,189    | 5,181,846   | 3         | (D)     | 320       | 50,583    | 5,535,448   | 3         | 70      |
| Ionia .....                         | 404       | 64,908    | 8,315,443   | 10        | 1,127   | 569       | 65,523    | 7,622,136   | 7         | 1,508   |
| Iosco .....                         | 61        | 4,030     | 473,569     | -         | -       | 51        | 2,853     | 260,198     | 5         | 96      |
| Isabella .....                      | 283       | 30,148    | 3,583,438   | 7         | 1,661   | 409       | 43,255    | 4,450,809   | 5         | 335     |
| Jackson .....                       | 348       | 46,912    | 4,470,255   | 14        | 1,826   | 479       | 55,226    | 5,325,947   | 12        | 2,144   |
| Kalamazoo .....                     | 224       | 46,469    | 5,171,950   | 63        | 15,680  | 298       | 51,988    | 5,537,975   | 56        | 13,055  |
| Kalkaska .....                      | 11        | 569       | 63,810      | 2         | (D)     | 25        | 1,123     | 105,304     | 5         | 563     |
| Kent .....                          | 250       | 35,989    | 4,408,487   | 12        | 3,299   | 413       | 43,688    | 4,693,028   | 9         | 1,756   |
| Lake .....                          | 13        | 424       | 43,104      | -         | -       | 20        | 340       | 23,800      | -         | -       |
| Lapeer .....                        | 251       | 31,798    | 3,641,648   | 7         | 79      | 342       | 41,920    | 4,418,298   | 5         | 204     |
| Leelanau .....                      | 42        | 2,891     | 233,395     | -         | -       | 50        | 3,878     | 353,673     | -         | -       |
| Lenawee .....                       | 488       | 92,204    | 9,574,239   | 9         | 1,815   | 686       | 97,055    | 12,248,471  | 11        | 865     |
| Livingston .....                    | 163       | 19,772    | 1,987,023   | 4         | 4       | 180       | 24,438    | 2,478,731   | 2         | (D)     |
| Luce .....                          | 2         | (D)       | (D)         | -         | -       | 4         | 41        | 4,270       | -         | -       |
| Mackinac .....                      | 2         | (D)       | (D)         | -         | -       | (NA)      | (NA)      | (NA)        | (NA)      | (NA)    |
| Macomb .....                        | 99        | 9,790     | 1,109,660   | 2         | (D)     | 139       | 11,813    | 1,287,633   | 2         | (D)     |
| Manistee .....                      | 42        | 1,482     | 139,381     | 4         | 96      | 56        | 1,561     | 120,718     | 6         | 143     |
| Marquette .....                     | 6         | 116       | (D)         | 3         | 6       | (NA)      | (NA)      | (NA)        | (NA)      | (NA)    |
| Mason .....                         | 92        | 8,537     | 898,403     | 5         | 601     | 141       | 10,652    | 995,413     | 10        | 1,040   |
| Mecosta .....                       | 188       | 13,696    | 1,412,849   | 6         | 2,113   | 202       | 12,689    | 1,154,267   | 12        | 2,299   |
| Menominee .....                     | 49        | 4,036     | 451,254     | 1         | (D)     | 75        | 6,682     | 535,717     | -         | -       |
| Midland .....                       | 148       | 18,611    | 2,384,180   | 7         | 328     | 191       | 21,666    | 2,383,884   | 3         | 258     |
| Missaukee .....                     | 62        | 6,378     | 775,224     | 9         | 738     | 72        | 6,372     | 639,890     | 6         | 480     |
| Monroe .....                        | 441       | 60,444    | 6,753,053   | 19        | 1,210   | 541       | 62,555    | 8,142,927   | 7         | 1,549   |
| Montcalm .....                      | 337       | 51,949    | 5,918,162   | 58        | 11,102  | 455       | 54,358    | 6,077,403   | 60        | 12,470  |
| Montgomery .....                    | 17        | 1,450     | 158,281     | -         | -       | 14        | 1,594     | 153,095     | -         | -       |
| Muskegon .....                      | 109       | 11,103    | 1,170,732   | 5         | (D)     | 140       | 14,801    | 1,514,137   | 8         | 3,223   |
| Newaygo .....                       | 243       | 19,202    | 2,090,498   | 10        | 2,087   | 280       | 23,432    | 2,409,151   | 11        | 1,258   |
| Oakland .....                       | 35        | 3,288     | 290,548     | 1         | (D)     | 59        | 7,331     | 678,699     | 1         | (D)     |
| Oceana .....                        | 129       | 10,322    | 1,043,174   | 4         | 1,039   | 191       | 10,843    | 957,631     | 7         | 512     |
| Ogemaw .....                        | 60        | 7,756     | 951,518     | 1         | (D)     | 84        | 6,741     | 683,597     | 1         | (D)     |
| Ontonagon .....                     | 3         | 66        | 4,400       | -         | -       | (NA)      | (NA)      | (NA)        | (NA)      | (NA)    |
| Osceola .....                       | 58        | 3,801     | 463,516     | 5         | 405     | 77        | 4,155     | 392,858     | 5         | 280     |
| Oscoda .....                        | 7         | 241       | 22,608      | -         | -       | 10        | 407       | 29,045      | -         | -       |
| Otsego .....                        | 26        | 895       | 95,278      | 1         | (D)     | 20        | 467       | 30,132      | -         | -       |
| Ottawa .....                        | 306       | 41,254    | 5,047,190   | 20        | 2,861   | 452       | 44,087    | 5,062,516   | 22        | 2,118   |
| Presque Isle .....                  | 47        | 3,920     | 422,638     | 4         | 420     | 81        | 4,983     | 416,101     | 6         | 595     |
| Roscommon .....                     | 1         | (D)       | (D)         | -         | -       | (NA)      | (NA)      | (NA)        | (NA)      | (NA)    |
| Saginaw .....                       | 608       | 88,674    | 11,631,157  | 7         | 838     | 727       | 85,722    | 10,252,976  | 11        | 1,592   |
| St. Clair .....                     | 239       | 27,998    | 2,997,114   | 2         | (D)     | 264       | 19,300    | 1,989,819   | 1         | (D)     |
| St. Joseph .....                    | 367       | 90,549    | 11,423,662  | 161       | 58,376  | 531       | 99,085    | 12,394,341  | 186       | 61,329  |
| Sanilac .....                       | 537       | 78,403    | 10,177,774  | 3         | 119     | 707       | 91,662    | 10,520,879  | 3         | (D)     |
| Schoolcraft .....                   | 2         | (D)       | (D)         | -         | -       | 4         | 214       | 21,740      | -         | -       |
| Shiawassee .....                    | 387       | 50,049    | 4,957,215   | 6         | 173     | 468       | 47,783    | 5,023,859   | 1         | (D)     |
| Tuscola .....                       | 505       | 79,706    | 10,367,130  | 19        | 2,836   | 622       | 79,997    | 9,611,770   | 16        | 2,191   |
| Van Buren .....                     | 169       | 31,870    | 3,411,791   | 33        | 5,364   | 245       | 35,454    | 3,274,855   | 20        | 2,416   |
| Washtenaw .....                     | 321       | 39,021    | 3,977,955   | 10        | 600     | 463       | 49,416    | 5,128,920   | 11        | 1,161   |
| Wayne .....                         | 34        | 2,350     | 250,767     | -         | -       | 53        | 6,471     | 639,196     | -         | -       |
| Wexford .....                       | 48        | 1,316     | 137,107     | -         | -       | 35        | 2,663     | 227,592     | -         | -       |

--continued

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                           | 2002      |         |            |           |       | 1997      |         |            |           |       |
|---|-----------|---------|------------|-----------|-------|-----------|---------|------------|-----------|-------|
|   | Harvested |         |            | Irrigated |       | Harvested |         |            | Irrigated |       |
|   | Farms     | Acres   | Quantity   | Farms     | Acres | Farms     | Acres   | Quantity   | Farms     | Acres |
| <b>SORGHUM FOR GRAIN<br/>(BUSHELS)</b>    |           |         |            |           |       |           |         |            |           |       |
| <b>State Total</b>                        |           |         |            |           |       |           |         |            |           |       |
| Michigan                                  | 22        | 559     | 21,255     | 1         | (D)   | 18        | 541     | 22,334     | 2         | (D)   |
| <b>Counties</b>                           |           |         |            |           |       |           |         |            |           |       |
| Alpena                                    | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Barry                                     | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Clerkton                                  | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Gratiot                                   | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Huron                                     | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Ingham                                    | 1         | (D)     | (D)        | 1         | (D)   | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Jackson                                   | 2         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Kalkaska                                  | 2         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Kent                                      | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Lapeer                                    | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Macomb                                    | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Monroe                                    | 3         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Presque Isle                              | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Saginaw                                   | 2         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Tuscola                                   | 2         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Van Buren                                 | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| <b>WHEAT FOR GRAIN, ALL<br/>(BUSHELS)</b> |           |         |            |           |       |           |         |            |           |       |
| <b>State Total</b>                        |           |         |            |           |       |           |         |            |           |       |
| Michigan                                  | 6,561     | 433,783 | 28,248,938 | 81        | 5,396 | 9,525     | 517,669 | 29,350,049 | 67        | 7,770 |
| <b>Counties</b>                           |           |         |            |           |       |           |         |            |           |       |
| Alcona                                    | 18        | 780     | 47,237     | -         | -     | 15        | 595     | 26,340     | -         | -     |
| Alger                                     | 2         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Allegan                                   | 107       | 6,340   | 375,843    | 2         | (D)   | 198       | 10,286  | 649,745    | 1         | (D)   |
| Alpena                                    | 36        | 2,507   | 149,305    | 1         | (D)   | 46        | 2,241   | 93,731     | -         | -     |
| Antrim                                    | 7         | 190     | 11,430     | -         | -     | 7         | 117     | 4,085      | 1         | (D)   |
| Arenac                                    | 68        | 5,491   | 387,778    | -         | -     | 95        | 5,760   | 349,491    | 2         | (D)   |
| Barry                                     | 79        | 6,001   | 355,872    | 1         | (D)   | 128       | 8,761   | 481,815    | 1         | (D)   |
| Bay                                       | 168       | 7,819   | 574,597    | -         | -     | 189       | 6,650   | 443,866    | 1         | (D)   |
| Benzie                                    | 4         | 24      | 815        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Berrien                                   | 67        | 2,617   | 143,002    | -         | -     | 104       | 4,937   | 248,756    | 1         | (D)   |
| Branch                                    | 109       | 4,612   | 234,338    | -         | -     | 207       | 8,177   | 402,205    | 3         | (D)   |
| Calhoun                                   | 184       | 12,605  | 700,058    | 1         | (D)   | 274       | 14,931  | 685,780    | -         | -     |
| Cass                                      | 67        | 3,729   | 182,916    | 1         | (D)   | 102       | 4,806   | 246,942    | 2         | (D)   |
| Charlevoix                                | 7         | 80      | 3,350      | -         | -     | 6         | 171     | 5,758      | -         | -     |
| Cheboygan                                 | 6         | 161     | 7,290      | -         | -     | 10        | 143     | 4,122      | -         | -     |
| Chippewa                                  | 7         | 172     | 6,574      | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Clare                                     | 26        | 838     | 50,263     | -         | -     | 43        | 1,228   | 61,412     | -         | -     |
| Clinton                                   | 280       | 18,443  | 1,275,631  | -         | -     | 444       | 20,826  | 1,239,655  | 2         | (D)   |
| Delta                                     | 6         | 604     | 31,882     | -         | -     | 5         | 891     | 29,134     | -         | -     |
| Dickinson                                 | 2         | (D)     | (D)        | 1         | (D)   | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Eaton                                     | 180       | 13,106  | 829,754    | -         | -     | 281       | 23,465  | 1,370,229  | -         | -     |
| Emmet                                     | 3         | 46      | 2,023      | -         | -     | 5         | 38      | 1,347      | -         | -     |
| Genesee                                   | 124       | 8,463   | 504,106    | 4         | (D)   | 147       | 7,978   | 439,883    | -         | -     |
| Gladwin                                   | 29        | 921     | 58,199     | -         | -     | 66        | 2,839   | 135,517    | -         | -     |
| Grand Traverse                            | 27        | 997     | 46,997     | -         | -     | 45        | 1,947   | 71,296     | -         | -     |
| Gratiot                                   | 201       | 13,332  | 956,805    | 1         | (D)   | 238       | 12,121  | 767,978    | 1         | (D)   |
| Hillsdale                                 | 200       | 11,041  | 626,701    | 3         | 8     | 275       | 14,160  | 768,549    | -         | -     |
| Huron                                     | 412       | 32,701  | 2,570,875  | 7         | 85    | 505       | 31,507  | 2,089,680  | 2         | (D)   |
| Ingham                                    | 119       | 14,383  | 950,556    | 1         | (D)   | 226       | 18,999  | 1,079,631  | -         | -     |
| Ionia                                     | 213       | 12,104  | 777,232    | 4         | 17    | 345       | 21,759  | 1,212,717  | -         | -     |
| Iosco                                     | 26        | 937     | 53,434     | -         | -     | 22        | 905     | 60,386     | -         | -     |
| Iron                                      | 5         | 360     | 14,400     | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Isabella                                  | 192       | 13,699  | 876,192    | -         | -     | 242       | 11,609  | 601,158    | 1         | (D)   |
| Jackson                                   | 143       | 8,094   | 426,649    | -         | -     | 205       | 9,943   | 479,107    | -         | -     |
| Kalamazoo                                 | 56        | 4,069   | 210,957    | 4         | (D)   | 114       | 7,737   | 381,767    | 1         | (D)   |
| Kalkaska                                  | 6         | 355     | (D)        | 1         | (D)   | 4         | (D)     | (D)        | 2         | (D)   |
| Kent                                      | 86        | 4,815   | 289,471    | 1         | (D)   | 163       | 7,021   | 367,676    | -         | -     |
| Lapeer                                    | 133       | 6,422   | 416,494    | 1         | (D)   | 209       | 8,169   | 431,424    | 1         | (D)   |
| Leelanau                                  | 8         | 129     | 5,308      | -         | -     | 12        | 275     | 8,476      | -         | -     |
| Lenawee                                   | 354       | 28,167  | 1,929,439  | 3         | (D)   | 517       | 36,615  | 2,381,129  | 1         | (D)   |
| Livingston                                | 67        | 4,857   | 287,627    | -         | -     | 110       | 6,378   | 303,253    | -         | -     |
| Mackinac                                  | 4         | 30      | 1,050      | -         | -     | 8         | 88      | 3,430      | -         | -     |
| Macomb                                    | 48        | 2,539   | 167,721    | 1         | (D)   | 124       | 4,544   | 232,480    | -         | -     |
| Manistee                                  | 1         | (D)     | (D)        | -         | -     | 6         | 525     | 20,810     | 1         | (D)   |
| Mason                                     | 54        | 3,727   | 200,682    | -         | -     | 107       | 4,724   | 242,274    | 1         | (D)   |
| Mecosta                                   | 45        | 1,179   | 57,012     | 1         | (D)   | 61        | 1,603   | 72,537     | 2         | (D)   |
| Menominee                                 | 3         | (D)     | (D)        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Midland                                   | 67        | 3,948   | 266,976    | 2         | (D)   | 57        | 2,056   | 126,638    | -         | -     |
| Missaukee                                 | 20        | 495     | 25,034     | -         | -     | 27        | 758     | 42,546     | -         | -     |
| Monroe                                    | 284       | 18,435  | 1,272,746  | 4         | 63    | 443       | 26,838  | 1,698,522  | -         | -     |
| Montcalm                                  | 147       | 16,388  | 994,964    | 10        | 2,872 | 168       | 14,929  | 700,037    | 24        | 5,193 |
| Montmorency                               | 11        | 614     | 32,077     | -         | -     | 16        | 720     | 32,581     | -         | -     |
| Muskegon                                  | 32        | 1,248   | 67,599     | -         | -     | 42        | 1,903   | 97,980     | 1         | (D)   |
| Newaygo                                   | 50        | 1,429   | 71,545     | -         | -     | 80        | 1,955   | 91,388     | -         | -     |
| Oakland                                   | 14        | 1,113   | 63,306     | -         | -     | 38        | 2,678   | 121,101    | -         | -     |
| Oceana                                    | 39        | 1,556   | 87,979     | 2         | (D)   | 61        | 1,831   | 90,065     | 2         | (D)   |
| Ogemaw                                    | 16        | 1,180   | 81,205     | -         | -     | 27        | 1,571   | 100,102    | -         | -     |
| Ontonagon                                 | 3         | 25      | 950        | -         | -     | (NA)      | (NA)    | (NA)       | (NA)      | (NA)  |
| Osceola                                   | 17        | 477     | 24,160     | 1         | (D)   | 21        | 497     | 23,135     | 1         | (D)   |
| Otsego                                    | 8         | 340     | 18,826     | -         | -     | 12        | 279     | 8,505      | -         | -     |
| Ottawa                                    | 112       | 3,644   | 196,437    | -         | -     | 218       | 6,565   | 340,772    | -         | -     |

-continued

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                              | 2002      |         |            |           |       | 1997      |        |           |           |       |
|--|-----------|---------|------------|-----------|-------|-----------|--------|-----------|-----------|-------|
|  | Harvested |         |            | Irrigated |       | Harvested |        |           | Irrigated |       |
|  | Farms     | Acres   | Quantity   | Farms     | Acres | Farms     | Acres  | Quantity  | Farms     | Acres |
| <b>WHEAT FOR GRAIN, ALL (BUSHELS) - Con.</b> |           |         |            |           |       |           |        |           |           |       |
| <b>Counties - Con.</b>                       |           |         |            |           |       |           |        |           |           |       |
| Presque Isle .....                           | 32        | 2,283   | 122,436    | 1         | (D)   | 34        | 1,625  | 58,521    | 1         | (D)   |
| Saginaw .....                                | 368       | 24,125  | 1,728,105  | 1         | (D)   | 402       | 17,729 | 1,115,258 | 1         | -     |
| St. Clair .....                              | 136       | 6,005   | 344,874    | 2         | (D)   | 247       | 11,727 | 597,598   | -         | -     |
| St. Joseph .....                             | 61        | 2,238   | 109,571    | 10        | 582   | 76        | 2,359  | 116,503   | 3         | 118   |
| Sanilac .....                                | 373       | 34,100  | 2,368,640  | -         | -     | 493       | 32,261 | 1,852,266 | 2         | -     |
| Schoolcraft .....                            | 2         | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Shiawassee .....                             | 290       | 22,406  | 1,377,520  | 1         | (D)   | 385       | 23,095 | 1,258,481 | 1         | (D)   |
| Tuscola .....                                | 241       | 19,450  | 1,434,624  | 6         | 231   | 285       | 16,979 | 1,132,738 | 3         | 261   |
| Van Buren .....                              | 24        | 804     | 37,892     | 1         | (D)   | 52        | 2,661  | 134,957   | 1         | (D)   |
| Washtenaw .....                              | 205       | 10,887  | 637,789    | 1         | (D)   | 361       | 18,120 | 985,111   | -         | -     |
| Wayne .....                                  | 10        | 357     | 21,959     | -         | -     | 36        | 1,701  | 75,098    | -         | -     |
| Wexford .....                                | 10        | 484     | 24,302     | -         | -     | 8         | 76     | 2,574     | -         | -     |
| <b>WINTER WHEAT FOR GRAIN (BUSHELS)</b>      |           |         |            |           |       |           |        |           |           |       |
| <b>State Total</b>                           |           |         |            |           |       |           |        |           |           |       |
| Michigan .....                               | 6,488     | 430,193 | 28,080,725 | 81        | 5,396 | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| <b>Counties</b>                              |           |         |            |           |       |           |        |           |           |       |
| Alcona .....                                 | 18        | 780     | 47,237     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Alger .....                                  | 2         | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Allegan .....                                | 107       | (D)     | (D)        | 2         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Alpena .....                                 | 36        | 2,507   | 149,305    | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Antrim .....                                 | 7         | 190     | 11,430     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Arenac .....                                 | 67        | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Barry .....                                  | 79        | 6,001   | 355,872    | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Bay .....                                    | 164       | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Benzie .....                                 | 4         | 24      | 815        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Berrien .....                                | 67        | 2,617   | 143,002    | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Branch .....                                 | 109       | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Calhoun .....                                | 183       | (D)     | (D)        | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Cass .....                                   | 66        | 3,640   | 179,201    | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Charlevoix .....                             | 7         | 80      | 3,350      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Cheboygan .....                              | 6         | 161     | 7,290      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Chippewa .....                               | 7         | 172     | 6,574      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Clerk .....                                  | 25        | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Clinton .....                                | 274       | 18,308  | 1,268,661  | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Delta .....                                  | 4         | (D)     | (D)        | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Dickinson .....                              | 2         | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Eaton .....                                  | 180       | 13,106  | 829,754    | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Emmet .....                                  | 3         | 46      | 2,023      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Genesee .....                                | 122       | 8,415   | 502,626    | 4         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Gladwin .....                                | 29        | 921     | 58,199     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Grand Traverse .....                         | 27        | 997     | 46,997     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Gratiot .....                                | 199       | 13,142  | 946,465    | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Hillsdale .....                              | 200       | (D)     | (D)        | 3         | 8     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Huron .....                                  | 410       | 32,619  | 2,563,645  | 7         | 85    | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Ingham .....                                 | 116       | 14,306  | 947,610    | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Ionia .....                                  | 211       | 12,002  | 772,412    | 4         | 17    | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Iosco .....                                  | 26        | 937     | 53,434     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Iron .....                                   | 2         | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Isabella .....                               | 191       | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Jackson .....                                | 142       | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Kalamazoo .....                              | 56        | 4,069   | 210,957    | 4         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Kalkaska .....                               | 6         | 355     | (D)        | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Kent .....                                   | 86        | 4,815   | 289,471    | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Lapeer .....                                 | 132       | (D)     | (D)        | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Leelanau .....                               | 8         | 129     | 5,308      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Lenawee .....                                | 353       | (D)     | (D)        | 3         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Livingston .....                             | 67        | 4,857   | 287,627    | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Mackinac .....                               | 4         | 30      | 1,050      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Macomb .....                                 | 46        | (D)     | (D)        | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Manistee .....                               | 1         | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Mason .....                                  | 54        | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Mecosta .....                                | 45        | 1,176   | 56,973     | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Menominee .....                              | 3         | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Midland .....                                | 64        | 3,887   | 263,926    | 2         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Missaukee .....                              | 20        | 495     | 25,034     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Monroe .....                                 | 278       | 18,156  | 1,253,962  | 4         | 63    | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Montcalm .....                               | 144       | 16,219  | 990,661    | 10        | 2,872 | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Montmorency .....                            | 11        | 614     | 32,077     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Muskegon .....                               | 32        | 1,248   | 67,599     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Newaygo .....                                | 50        | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Oakland .....                                | 14        | 1,113   | 63,306     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Oceana .....                                 | 39        | 1,556   | 87,979     | 2         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Ogemaw .....                                 | 16        | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Ontonagon .....                              | 3         | 25      | 950        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Osceola .....                                | 16        | (D)     | (D)        | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Otsego .....                                 | 8         | 340     | 18,826     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Ottawa .....                                 | 112       | 3,644   | 196,437    | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Presque Isle .....                           | 31        | 2,248   | (D)        | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Saginaw .....                                | 367       | (D)     | (D)        | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| St. Clair .....                              | 129       | 5,712   | 331,121    | 2         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| St. Joseph .....                             | 61        | 2,238   | 109,571    | 10        | 582   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Sanilac .....                                | 370       | 33,921  | 2,357,336  | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Schoolcraft .....                            | 2         | (D)     | (D)        | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Shiawassee .....                             | 284       | 22,304  | 1,373,958  | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Tuscola .....                                | 237       | 19,330  | 1,430,503  | 6         | 231   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |

-continued

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                                    | 2002      |        |          |           |       | 1997      |        |           |           |       |
|--|-----------|--------|----------|-----------|-------|-----------|--------|-----------|-----------|-------|
|  | Harvested |        |          | Irrigated |       | Harvested |        |           | Irrigated |       |
|  | Farms     | Acres  | Quantity | Farms     | Acres | Farms     | Acres  | Quantity  | Farms     | Acres |
| <b>WINTER WHEAT FOR GRAIN<br/>(BUSHELS) - Con.</b> |           |        |          |           |       |           |        |           |           |       |
| <b>Counties - Con.</b>                             |           |        |          |           |       |           |        |           |           |       |
| Van Buren .....                                    | 24        | (D)    | (D)      | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Washtenaw .....                                    | 204       | (D)    | (D)      | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Wayne .....  | 10        | 357    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Wexford .....                                      | 9         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| <b>OTHER SPRING WHEAT FOR GRAIN<br/>(BUSHELS)</b>  |           |        |          |           |       |           |        |           |           |       |
| <b>State Total</b>                                 |           |        |          |           |       |           |        |           |           |       |
| Michigan .....                                     | 116       | 3,590  | 168,213  | -         | -     | 133       | 4,948  | 226,566   | -         | -     |
| <b>Counties</b>                                    |           |        |          |           |       |           |        |           |           |       |
| Allegan .....                                      | 1         | (D)    | (D)      | -         | -     | 10        | 104    | 4,781     | -         | -     |
| Arenac .....                                       | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Bay .....  | 4         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Branch .....                                       | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Calhoun .....                                      | 4         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Cass .....   | 4         | 89     | 3,715    | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Clare .....  | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Clinton .....                                      | 9         | 135    | 6,950    | -         | -     | 11        | 159    | 9,716     | -         | -     |
| Delta .....  | 2         | (D)    | (D)      | -         | -     | 4         | (D)    | (D)       | -         | -     |
| Genesee .....                                      | 4         | 48     | 1,480    | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Gratiot .....                                      | 3         | 190    | 10,340   | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Hillsdale .....                                    | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Huron .....  | 3         | 82     | 7,230    | -         | -     | 10        | 916    | 59,188    | -         | -     |
| Ingham .....                                       | 4         | 77     | 2,946    | -         | -     | 7         | 247    | 10,060    | -         | -     |
| Ionia .....  | 5         | 102    | 4,820    | -         | -     | 9         | 359    | 14,975    | -         | -     |
| Iron .....   | 3         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Isabella .....                                     | 1         | (D)    | (D)      | -         | -     | 4         | 444    | 9,500     | -         | -     |
| Jackson .....                                      | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Lapeer .....                                       | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Lenawee .....                                      | 3         | (D)    | (D)      | -         | -     | 3         | 177    | 11,360    | -         | -     |
| Macomb .....                                       | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Mason .....  | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Mecosta .....                                      | 3         | 3      | 39       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Midland .....                                      | 3         | 61     | 3,050    | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Monroe .....                                       | 6         | 279    | 18,784   | -         | -     | 8         | 318    | 15,258    | -         | -     |
| Montcalm .....                                     | 5         | 169    | 4,303    | -         | -     | 3         | 82     | 3,654     | -         | -     |
| Newaygo .....                                      | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Ogemaw .....                                       | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Osceola .....                                      | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Presque Isle .....                                 | 3         | 35     | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Saginaw .....                                      | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| St. Clair .....                                    | 9         | 293    | 13,753   | -         | -     | 4         | 46     | 1,566     | -         | -     |
| Sanilac .....                                      | 3         | 179    | 11,304   | -         | -     | 7         | 191    | 9,648     | -         | -     |
| Shiawassee .....                                   | 8         | 102    | 3,562    | -         | -     | 9         | 452    | 21,540    | -         | -     |
| Tuscola .....                                      | 7         | 120    | 4,121    | -         | -     | 5         | 62     | 4,142     | -         | -     |
| Van Buren .....                                    | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Washtenaw .....                                    | 1         | (D)    | (D)      | -         | -     | 4         | 81     | 4,160     | -         | -     |
| Wexford .....                                      | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| <b>BARLEY FOR GRAIN<br/>(BUSHELS)</b>              |           |        |          |           |       |           |        |           |           |       |
| <b>State Total</b>                                 |           |        |          |           |       |           |        |           |           |       |
| Michigan .....                                     | 400       | 11,620 | 576,461  | 7         | 63    | 649       | 19,549 | 1,069,485 | 5         | 148   |
| <b>Counties</b>                                    |           |        |          |           |       |           |        |           |           |       |
| Alcona .....                                       | 2         | (D)    | (D)      | -         | -     | 7         | 133    | 6,302     | -         | -     |
| Alger .....  | 8         | 290    | 10,208   | -         | -     | 10        | 417    | 18,269    | 1         | (D)   |
| Allegan .....                                      | 5         | 113    | 4,400    | -         | -     | 5         | 225    | (D)       | -         | -     |
| Alpena .....                                       | 13        | 302    | 14,073   | -         | -     | 22        | 408    | 15,749    | -         | -     |
| Antrim .....                                       | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Arenac .....                                       | 3         | 39     | 1,750    | -         | -     | 3         | 50     | 2,310     | -         | -     |
| Baraga .....                                       | 3         | (D)    | (D)      | -         | -     | 3         | 56     | (D)       | -         | -     |
| Barry .....  | 4         | 53     | 2,235    | -         | -     | 8         | 81     | 3,150     | -         | -     |
| Bay .....  | 5         | 108    | 5,548    | -         | -     | 4         | 163    | 9,105     | -         | -     |
| Branch .....                                       | 1         | (D)    | (D)      | -         | -     | 3         | 50     | 2,735     | -         | -     |
| Calhoun .....                                      | 3         | 24     | 1,100    | -         | -     | 4         | 50     | 3,700     | -         | -     |
| Cass .....   | 1         | (D)    | (D)      | -         | -     | 8         | 140    | 6,630     | -         | -     |
| Charlevoix .....                                   | 3         | 67     | (D)      | -         | -     | 7         | 177    | 7,605     | -         | -     |
| Cheboygan .....                                    | 3         | 72     | 4,364    | -         | -     | 18        | 443    | 17,025    | -         | -     |
| Chippewa .....                                     | 8         | 169    | 5,291    | -         | -     | 12        | 146    | 3,325     | -         | -     |
| Clare .....  | 1         | (D)    | (D)      | -         | -     | 7         | 122    | 5,561     | -         | -     |
| Clinton .....                                      | 5         | 106    | (D)      | -         | -     | 4         | 92     | 3,812     | -         | -     |
| Crawford .....                                     | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Delta .....  | 25        | 1,433  | 72,992   | 1         | (D)   | 34        | 1,382  | 84,570    | -         | -     |
| Dickinson .....                                    | 5         | 93     | 4,403    | -         | -     | 6         | 302    | 15,566    | -         | -     |
| Eaton .....  | 1         | (D)    | (D)      | -         | -     | 3         | 40     | (D)       | -         | -     |
| Emmet .....  | 10        | 231    | 7,605    | -         | -     | 4         | 140    | 4,280     | -         | -     |
| Genesee .....                                      | 2         | (D)    | (D)      | -         | -     | 4         | 31     | (D)       | -         | -     |
| Gladwin .....                                      | 4         | 66     | 2,984    | -         | -     | 11        | 126    | 6,355     | -         | -     |
| Grand Traverse .....                               | 4         | 150    | 6,810    | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Gratiot .....                                      | 6         | 274    | 14,295   | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Hillsdale .....                                    | 4         | 42     | 3,640    | -         | -     | 7         | 48     | 2,600     | -         | -     |
| Houghton .....                                     | 5         | 336    | 19,720   | -         | -     | 4         | 146    | 6,500     | -         | -     |
| Huron .....  | 16        | 703    | 42,691   | -         | -     | 62        | 2,622  | 173,846   | 1         | (D)   |
| Ingham .....                                       | 5         | 63     | 3,204    | -         | -     | 3         | (D)    | (D)       | -         | -     |

-continued

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                          | 2002      |       |          |           |       | 1997      |       |          |           |       |
|--|-----------|-------|----------|-----------|-------|-----------|-------|----------|-----------|-------|
|  | Harvested |       |          | Irrigated |       | Harvested |       |          | Irrigated |       |
|  | Farms     | Acres | Quantity | Farms     | Acres | Farms     | Acres | Quantity | Farms     | Acres |
| <b>BARLEY FOR GRAIN (BUSHELS) - Con.</b> |           |       |          |           |       |           |       |          |           |       |
| <b>Counties - Con.</b>                   |           |       |          |           |       |           |       |          |           |       |
| Ionia                                    | 6         | 121   | 6,298    | -         | -     | 4         | 65    | 3,680    | -         | -     |
| Iosco                                    | 8         | 318   | 13,899   | -         | -     | 4         | 183   | 9,569    | -         | -     |
| Iron                                     | 4         | 59    | 2,500    | -         | -     | 10        | 129   | 5,798    | -         | -     |
| Isabella                                 | 10        | 332   | 18,932   | -         | -     | 17        | 676   | 31,510   | -         | -     |
| Jackson                                  | 5         | 209   | 8,050    | -         | -     | 5         | 44    | 2,820    | -         | -     |
| Kalamazoo                                | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kent                                     | 3         | 30    | (D)      | -         | -     | 8         | 147   | 9,060    | -         | -     |
| Lapeer                                   | 15        | 637   | 26,285   | -         | -     | 13        | 287   | 12,418   | -         | -     |
| Leelanau                                 | 3         | 18    | 737      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lenawee                                  | 3         | 11    | 503      | 1         | (D)   | 3         | (D)   | (D)      | -         | -     |
| Livingston                               | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mackinac                                 | 1         | (D)   | (D)      | -         | -     | 4         | 52    | 2,312    | -         | -     |
| Macomb                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Manistee                                 | 1         | (D)   | (D)      | -         | -     | 3         | (D)   | 1,194    | -         | -     |
| Marquette                                | 4         | 157   | 8,840    | -         | -     | 5         | 309   | 19,435   | -         | -     |
| Mason                                    | 6         | 86    | 3,932    | -         | -     | 3         | 46    | 2,108    | -         | -     |
| Mecosta                                  | 8         | 43    | 1,836    | -         | -     | 12        | 105   | 5,018    | -         | -     |
| Menominee                                | 29        | 1,073 | 48,474   | -         | -     | 57        | 2,209 | 121,315  | -         | -     |
| Midland                                  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Missaukee                                | 2         | (D)   | (D)      | -         | -     | 12        | 306   | 13,825   | -         | -     |
| Monroe                                   | 3         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montcalm                                 | 8         | 95    | 4,923    | 1         | (D)   | 11        | 327   | 17,505   | 1         | (D)   |
| Montmorency                              | 7         | 307   | 14,200   | -         | -     | 10        | 527   | 28,955   | -         | -     |
| Muskegon                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Newaygo                                  | 3         | (D)   | (D)      | 1         | (D)   | 11        | 248   | 12,068   | -         | -     |
| Oceana                                   | 6         | 53    | 2,050    | 1         | (D)   | 4         | 113   | 6,551    | -         | -     |
| Ogemaw                                   | 8         | 750   | 45,381   | -         | -     | 14        | 719   | 49,150   | -         | -     |
| Ontonagon                                | 7         | 142   | 6,520    | -         | -     | 3         | 83    | 2,775    | -         | -     |
| Oscoda                                   | 3         | 67    | 3,171    | 1         | (D)   | 9         | 280   | 18,450   | 2         | (D)   |
| Oscoda                                   | 8         | 83    | 3,310    | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Otsego                                   | 4         | 64    | 3,570    | -         | -     | 7         | 37    | 884      | -         | -     |
| Ottawa                                   | 10        | 208   | 6,034    | -         | -     | 7         | 119   | 5,625    | -         | -     |
| Presque Isle                             | 9         | 170   | 4,845    | -         | -     | 42        | 1,405 | 63,719   | -         | -     |
| Saginaw                                  | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair                                | 7         | 76    | 3,511    | -         | -     | 5         | 616   | 37,842   | -         | -     |
| Sanilac                                  | 16        | 382   | 23,835   | -         | -     | 43        | 1,504 | 89,261   | -         | -     |
| Schoolcraft                              | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee                               | 8         | 206   | 11,532   | -         | -     | 10        | 128   | 8,470    | -         | -     |
| Tuscola                                  | 6         | 226   | 15,645   | -         | -     | 14        | 520   | 35,500   | -         | -     |
| Van Buren                                | 1         | (D)   | (D)      | -         | -     | 7         | 161   | 7,108    | -         | -     |
| Washtenaw                                | 10        | 120   | 5,338    | -         | -     | 11        | 184   | 6,406    | -         | -     |
| Wexford                                  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>BUCKWHEAT (BUSHELS)</b>               |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                       |           |       |          |           |       |           |       |          |           |       |
| Michigan                                 | 31        | 421   | 5,573    | 2         | (D)   | 15        | 363   | 7,414    | -         | -     |
| <b>Counties</b>                          |           |       |          |           |       |           |       |          |           |       |
| Arenac                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Benzie                                   | 5         | 19    | 245      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Branch                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Crawford                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Eaton                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Genesee                                  | 3         | 51    | 1,010    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Grand Traverse                           | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Houghton                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ionia                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Iosco                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Isabella                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kent                                     | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Manistee                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mason                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montcalm                                 | 1         | (D)   | (D)      | -         | -     | 3         | 108   | 2,230    | -         | -     |
| Newaygo                                  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Osceola                                  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ottawa                                   | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair                                | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee                               | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Tuscola                                  | 2         | (D)   | (D)      | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>CANOLA (POUNDS)</b>                   |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                       |           |       |          |           |       |           |       |          |           |       |
| Michigan                                 | 12        | 581   | 593,388  | -         | -     | 22        | 611   | 649,716  | -         | -     |
| <b>Counties</b>                          |           |       |          |           |       |           |       |          |           |       |
| Alger                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Charlevoix                               | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ingham                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Iron                                     | 1         | (D)   | (D)      | -         | -     | 6         | 178   | 175,700  | -         | -     |
| Mecosta                                  | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ontonagon                                | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Otsego                                   | 1         | (D)   | (D)      | -         | -     | 4         | 92    | 39,340   | -         | -     |
| Ottawa                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee                               | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Washtenaw                                | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |

-continued

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                  | 2002      |        |           |           |       | 1997      |        |           |           |       |
|----------------------------------|-----------|--------|-----------|-----------|-------|-----------|--------|-----------|-----------|-------|
|                                  | Harvested |        |           | Irrigated |       | Harvested |        |           | Irrigated |       |
|                                  | Farms     | Acres  | Quantity  | Farms     | Acres | Farms     | Acres  | Quantity  | Farms     | Acres |
| <b>EMMER AND SPELT (BUSHELS)</b> |           |        |           |           |       |           |        |           |           |       |
| <b>State Total</b>               |           |        |           |           |       |           |        |           |           |       |
| Michigan                         | 81        | 3,324  | 165,040   | 3         | (D)   | 51        | 1,092  | 69,703    | -         | -     |
| <b>Counties</b>                  |           |        |           |           |       |           |        |           |           |       |
| Arenac                           | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Barry                            | 2         | (D)    | (D)       | 1         | (D)   | 4         | 93     | 5,165     | -         | -     |
| Branch                           | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Calhoun                          | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Clare                            | 3         | 38     | 2,568     | -         | -     | 5         | 103    | 6,685     | -         | -     |
| Clinton                          | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Eaton                            | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Genesee                          | 2         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Gladwin                          | 6         | 50     | 3,543     | -         | -     | 8         | 52     | 4,120     | -         | -     |
| Hillsdale                        | 2         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Huron                            | 3         | (D)    | 3,600     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Ingham                           | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Ionia                            | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Isabella                         | 2         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Kalamazoo                        | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Kalkaska                         | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Lapeer                           | 3         | 24     | 1,713     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Lenawee                          | 3         | 588    | 19,210    | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Livingston                       | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Macomb                           | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Mason                            | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Mecosta                          | 7         | 57     | 2,760     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Midland                          | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Missaukee                        | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Monroe                           | 2         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Montcalm                         | 2         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Newaygo                          | 5         | 73     | 4,842     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Saginaw                          | 6         | 280    | 16,250    | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| St. Joseph                       | 3         | 42     | 2,650     | 1         | (D)   | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Sanilac                          | 4         | 107    | 6,820     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Shiawassee                       | 2         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Tuscola                          | 9         | 1,434  | 71,900    | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Washtenaw                        | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| <b>OATS FOR GRAIN (BUSHELS)</b>  |           |        |           |           |       |           |        |           |           |       |
| <b>State Total</b>               |           |        |           |           |       |           |        |           |           |       |
| Michigan                         | 2,756     | 63,485 | 3,994,940 | 32        | 519   | 4,042     | 81,540 | 4,854,346 | 19        | 735   |
| <b>Counties</b>                  |           |        |           |           |       |           |        |           |           |       |
| Alcona                           | 16        | 549    | 37,139    | -         | -     | 30        | 874    | 56,112    | -         | -     |
| Alger                            | 3         | (D)    | (D)       | -         | -     | 3         | (D)    | (D)       | -         | -     |
| Allegan                          | 51        | 975    | 59,786    | -         | -     | 93        | 1,570  | 88,185    | -         | -     |
| Alpena                           | 58        | 1,845  | 110,651   | 1         | (D)   | 102       | 4,440  | 193,605   | -         | -     |
| Antrim                           | 17        | 460    | 33,095    | 4         | 204   | 20        | 467    | 18,281    | 1         | (D)   |
| Arenac                           | 22        | 730    | 46,202    | -         | -     | 32        | 825    | 56,738    | -         | -     |
| Baraga                           | 10        | 292    | 15,279    | -         | -     | 18        | 226    | 5,670     | -         | -     |
| Barry                            | 29        | 639    | 38,754    | -         | -     | 44        | 739    | 45,993    | -         | -     |
| Bay                              | 30        | 455    | 39,242    | -         | -     | 42        | 572    | 42,916    | -         | -     |
| Benzie                           | 5         | 37     | 1,051     | -         | -     | 7         | 39     | 1,796     | -         | -     |
| Berrien                          | 11        | 111    | 6,488     | 1         | (D)   | 13        | 202    | 12,330    | -         | -     |
| Branch                           | 28        | 336    | 19,548    | -         | -     | 82        | 1,175  | 76,113    | -         | -     |
| Calhoun                          | 43        | 794    | 45,854    | 1         | (D)   | 74        | 1,338  | 93,760    | -         | -     |
| Cass                             | 13        | 293    | 15,015    | -         | -     | 37        | 511    | 27,474    | -         | -     |
| Charlevoix                       | 20        | 469    | 24,864    | -         | -     | 21        | 276    | 11,735    | -         | -     |
| Cheboygan                        | 12        | 185    | 8,440     | -         | -     | 25        | 419    | 13,585    | -         | -     |
| Chippewa                         | 43        | 970    | 35,052    | 3         | 77    | 84        | 1,750  | 68,021    | -         | -     |
| Clare                            | 29        | 460    | 23,479    | -         | -     | 47        | 794    | 42,426    | -         | -     |
| Clinton                          | 52        | 961    | 71,942    | -         | -     | 88        | 1,245  | 89,531    | -         | -     |
| Crawford                         | 3         | 24     | 900       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Delta                            | 32        | 1,109  | 61,274    | 1         | (D)   | 45        | 1,351  | 92,903    | 1         | (D)   |
| Dickinson                        | 15        | 403    | 21,581    | -         | -     | 20        | 722    | 50,346    | 1         | (D)   |
| Eaton                            | 41        | 925    | 65,236    | -         | -     | 63        | 1,013  | 64,755    | 2         | (D)   |
| Emmet                            | 24        | 514    | 23,184    | 1         | (D)   | 36        | 968    | 38,791    | 1         | (D)   |
| Genesee                          | 31        | 553    | 27,526    | 1         | (D)   | 50        | 917    | 57,413    | -         | -     |
| Gladwin                          | 56        | 851    | 55,857    | -         | -     | 93        | 1,243  | 70,581    | -         | -     |
| Gogebic                          | 2         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Grand Traverse                   | 43        | 1,443  | 76,937    | -         | -     | 41        | 964    | 46,829    | 1         | (D)   |
| Gratiot                          | 32        | 754    | 49,192    | -         | -     | 34        | 565    | 35,525    | -         | -     |
| Hillsdale                        | 53        | 991    | 56,059    | -         | -     | 64        | 944    | 57,469    | -         | -     |
| Houghton                         | 14        | 233    | 9,184     | -         | -     | 21        | 383    | 14,874    | -         | -     |
| Huron                            | 119       | 2,495  | 218,229   | 1         | (D)   | 198       | 4,034  | 314,641   | 3         | 55    |
| Ingham                           | 15        | 311    | 18,461    | -         | -     | 42        | 874    | 61,637    | -         | -     |
| Ionia                            | 59        | 1,169  | 89,874    | 1         | (D)   | 81        | 1,447  | 110,492   | -         | -     |
| Iosco                            | 26        | 857    | 52,629    | -         | -     | 30        | 679    | 44,366    | 1         | (D)   |
| Iron                             | 20        | 500    | 24,919    | -         | -     | 22        | 652    | 34,230    | -         | -     |
| Isabella                         | 62        | 1,751  | 109,072   | 1         | (D)   | 96        | 1,886  | 104,451   | -         | -     |
| Jackson                          | 41        | 873    | 42,587    | 1         | (D)   | 83        | 1,565  | 93,081    | -         | -     |
| Kalamazoo                        | 31        | 610    | 39,091    | -         | -     | 35        | 764    | 49,123    | -         | -     |
| Kalkaska                         | 5         | 59     | 2,758     | -         | -     | (NA)      | (NA)   | (NA)      | (NA)      | (NA)  |
| Kent                             | 64        | 1,660  | 100,008   | -         | -     | 111       | 2,049  | 137,105   | -         | -     |
| Lake                             | 9         | 156    | 5,864     | -         | -     | 7         | 107    | 4,770     | -         | -     |
| Lapeer                           | 82        | 1,965  | 123,596   | 1         | (D)   | 92        | 1,602  | 92,659    | -         | -     |
| Leelanau                         | 27        | 474    | 24,504    | -         | -     | 29        | 416    | 17,771    | -         | -     |

-continued

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                        | 2002      |        |           |           |       | 1997      |        |            |           |       |
|--|-----------|--------|-----------|-----------|-------|-----------|--------|------------|-----------|-------|
|  | Harvested |        |           | Irrigated |       | Harvested |        |            | Irrigated |       |
|  | Farms     | Acres  | Quantity  | Farms     | Acres | Farms     | Acres  | Quantity   | Farms     | Acres |
| <b>OATS FOR GRAIN (BUSHELS) - Con.</b> |           |        |           |           |       |           |        |            |           |       |
| <b>Counties - Con.</b>                 |           |        |           |           |       |           |        |            |           |       |
| Lenawee                                | 35        | 594    | 48,533    | -         | -     | 63        | 967    | 77,504     | -         | -     |
| Livingston                             | 21        | 491    | 21,338    | -         | -     | 25        | 357    | 17,034     | -         | -     |
| Luce                                   | 2         | (D)    | (D)       | -         | -     | 6         | 134    | 6,837      | -         | -     |
| Mackinac                               | 11        | 157    | 6,794     | -         | -     | 17        | 364    | 14,854     | -         | -     |
| Macomb                                 | 21        | 610    | 43,236    | -         | -     | 13        | 213    | 13,624     | -         | -     |
| Manistee                               | 19        | 388    | 15,427    | -         | -     | 12        | 190    | 4,650      | -         | -     |
| Marquette                              | 16        | 331    | 17,946    | -         | -     | 15        | 271    | 12,990     | -         | -     |
| Mason                                  | 36        | 670    | 37,597    | 1         | (D)   | 67        | 1,337  | 87,773     | 1         | (D)   |
| Mecosta                                | 97        | 1,481  | 78,074    | 1         | (D)   | 87        | 1,259  | 64,389     | -         | -     |
| Menominee                              | 50        | 924    | 48,398    | 1         | (D)   | 66        | 1,681  | 95,184     | -         | -     |
| Midland                                | 22        | 372    | 25,297    | -         | -     | 21        | 448    | 25,246     | -         | -     |
| Missaukee                              | 28        | 844    | 50,582    | 1         | (D)   | 43        | 1,030  | 62,188     | -         | -     |
| Monroe                                 | 36        | 1,219  | 101,686   | -         | -     | 63        | 916    | 76,969     | -         | -     |
| Montcalm                               | 93        | 1,810  | 100,061   | 2         | (D)   | 111       | 2,092  | 125,566    | 3         | 60    |
| Montmorency                            | 9         | 150    | 10,760    | -         | -     | 18        | 556    | 27,779     | -         | -     |
| Muskegon                               | 21        | 524    | 33,209    | -         | -     | 30        | 589    | 32,898     | -         | -     |
| Newaygo                                | 42        | 647    | 38,507    | -         | -     | 69        | 1,151  | 58,105     | -         | -     |
| Oakland                                | 5         | 181    | 13,373    | -         | -     | 8         | 144    | 9,690      | -         | -     |
| Oceana                                 | 26        | 515    | 30,499    | 1         | (D)   | 57        | 823    | 51,340     | -         | -     |
| Ogemaw                                 | 34        | 1,157  | 76,447    | -         | -     | 44        | 1,298  | 81,789     | -         | -     |
| Ontonagon                              | 11        | 352    | 17,585    | -         | -     | 21        | 506    | 15,674     | -         | -     |
| Osceola                                | 29        | 631    | 29,112    | -         | -     | 43        | 788    | 38,149     | -         | -     |
| Oscoda                                 | 14        | 121    | 5,255     | -         | -     | 7         | 52     | 3,073      | 1         | (D)   |
| Otsego                                 | 22        | 453    | 24,041    | -         | -     | 23        | 668    | 36,719     | 2         | (D)   |
| Ottawa                                 | 47        | 649    | 33,571    | 1         | (D)   | 77        | 1,144  | 71,125     | -         | -     |
| Presque Isle                           | 59        | 2,838  | 161,338   | 2         | (D)   | 103       | 4,729  | 203,667    | -         | -     |
| Roscommon                              | 3         | 64     | (D)       | -         | -     | 4         | 26     | (D)        | -         | -     |
| Saginaw                                | 40        | 495    | 36,739    | -         | -     | 73        | 917    | 64,888     | -         | -     |
| St. Clair                              | 50        | 1,136  | 79,753    | -         | -     | 66        | 1,080  | 66,305     | -         | -     |
| St. Joseph                             | 31        | 460    | 23,949    | -         | -     | 58        | 823    | 55,771     | 1         | (D)   |
| Sanilac                                | 180       | 5,515  | 428,846   | -         | -     | 239       | 5,709  | 379,145    | -         | -     |
| Schoolcraft                            | 12        | 523    | 33,263    | -         | -     | 7         | 385    | 26,988     | -         | -     |
| Shiawassee                             | 62        | 1,991  | 143,129   | -         | -     | 65        | 1,571  | 104,346    | -         | -     |
| Tuscola                                | 75        | 1,898  | 133,223   | 4         | 13    | 78        | 1,322  | 88,514     | -         | -     |
| Van Buren                              | 20        | 292    | 11,629    | -         | -     | 30        | 787    | 46,872     | -         | -     |
| Washtenaw                              | 56        | 826    | 49,411    | -         | -     | 116       | 1,868  | 123,129    | -         | -     |
| Wayne                                  | 2         | (D)    | (D)       | -         | -     | 16        | 269    | 16,202     | -         | -     |
| Wexford                                | 21        | 803    | 46,074    | -         | -     | 19        | 362    | 18,416     | -         | -     |
| <b>POPCORN (POUNDS, SHELLED)</b>       |           |        |           |           |       |           |        |            |           |       |
| <b>State Total</b>                     |           |        |           |           |       |           |        |            |           |       |
| Michigan                               | 26        | 1,455  | 4,375,505 | 8         | 278   | 44        | 5,177  | 12,737,610 | 17        | 3,059 |
| <b>Counties</b>                        |           |        |           |           |       |           |        |            |           |       |
| Berrien                                | 2         | (D)    | (D)       | -         | -     | 3         | 6      | 1,800      | -         | -     |
| Calhoun                                | 7         | 983    | 2,874,276 | 4         | 228   | 6         | 435    | 1,006,040  | 2         | (D)   |
| Chippewa                               | 2         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| Genesee                                | 3         | 15     | 4,500     | -         | -     | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| Hillsdale                              | 1         | (D)    | (D)       | 1         | (D)   | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| Kent                                   | 1         | (D)    | (D)       | 1         | (D)   | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| Mason                                  | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| Midland                                | 2         | (D)    | (D)       | -         | -     | (NA)      | (D)    | (D)        | 1         | (D)   |
| Montcalm                               | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| Newaygo                                | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| Ontonagon                              | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| St. Joseph                             | 1         | (D)    | (D)       | 1         | (D)   | 10        | 2,287  | 5,326,800  | (NA)      | 2,219 |
| Washtenaw                              | 3         | 25     | (D)       | 1         | (D)   | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| <b>PROSO MILLET (BUSHELS)</b>          |           |        |           |           |       |           |        |            |           |       |
| <b>State Total</b>                     |           |        |           |           |       |           |        |            |           |       |
| Michigan                               | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| <b>Counties</b>                        |           |        |           |           |       |           |        |            |           |       |
| Newaygo                                | 1         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| <b>RYE FOR GRAIN (BUSHELS)</b>         |           |        |           |           |       |           |        |            |           |       |
| <b>State Total</b>                     |           |        |           |           |       |           |        |            |           |       |
| Michigan                               | 691       | 15,345 | 505,726   | 16        | 103   | 647       | 14,219 | 419,817    | 10        | 384   |
| <b>Counties</b>                        |           |        |           |           |       |           |        |            |           |       |
| Alcona                                 | 3         | 47     | (D)       | -         | -     | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| Alger                                  | 3         | (D)    | (D)       | -         | -     | (NA)      | (NA)   | (NA)       | (NA)      | (NA)  |
| Allegan                                | 16        | 235    | 9,119     | 1         | (D)   | 19        | 439    | 14,884     | 1         | (D)   |
| Alpena                                 | 11        | 142    | 5,025     | -         | -     | 10        | 112    | 1,902      | -         | -     |
| Antrim                                 | 9         | 234    | 11,680    | -         | -     | 7         | 224    | 5,869      | 1         | (D)   |
| Arenac                                 | 7         | 113    | 3,678     | -         | -     | 5         | 30     | 1,105      | -         | -     |
| Barry                                  | 7         | 171    | 5,802     | 1         | (D)   | 6         | 173    | 5,640      | -         | -     |
| Bay                                    | 5         | 162    | 6,997     | -         | -     | 10        | 636    | 20,083     | -         | -     |
| Benzie                                 | 13        | 136    | 2,116     | -         | -     | 9         | 97     | 2,710      | -         | -     |
| Berrien                                | 8         | 277    | 7,264     | 1         | (D)   | 15        | 748    | 32,099     | -         | -     |
| Branch                                 | 6         | 99     | 5,124     | -         | -     | 5         | (D)    | 7,522      | -         | -     |
| Calhoun                                | 6         | 38     | 790       | 1         | (D)   | 4         | 174    | 5,990      | -         | -     |

-continued

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                       | 2002      |       |           |           |       | 1997      |       |          |           |       |
|---------------------------------------|-----------|-------|-----------|-----------|-------|-----------|-------|----------|-----------|-------|
|                                       | Harvested |       |           | Irrigated |       | Harvested |       |          | Irrigated |       |
|                                       | Farms     | Acres | Quantity  | Farms     | Acres | Farms     | Acres | Quantity | Farms     | Acres |
| <b>RYE FOR GRAIN (BUSHELS) - Con.</b> |           |       |           |           |       |           |       |          |           |       |
| <b>Counties - Con.</b>                |           |       |           |           |       |           |       |          |           |       |
| Cass                                  | 6         | 134   | 4,330     | -         | -     | 12        | 334   | 10,730   | -         | -     |
| Charlevoix                            | 9         | 39    | 1,180     | -         | -     | 8         | 54    | 1,359    | (NA)      | (NA)  |
| Cheboygan                             | 4         | 32    | 1,101     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Chippewa                              | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clare                                 | 10        | 177   | 4,178     | -         | -     | 5         | 88    | 3,080    | -         | -     |
| Clinton                               | 6         | 468   | (D)       | -         | -     | 6         | 640   | 22,653   | -         | -     |
| Delta                                 | 6         | 42    | 1,397     | 1         | (D)   | 4         | 100   | (D)      | -         | -     |
| Dickinson                             | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Eaton                                 | 2         | (D)   | (D)       | -         | -     | 4         | (D)   | (D)      | -         | -     |
| Emmet                                 | 4         | 43    | 1,170     | -         | -     | 4         | 69    | 1,266    | -         | -     |
| Genesee                               | 2         | (D)   | (D)       | -         | -     | 10        | 132   | 3,133    | -         | -     |
| Gladwin                               | 15        | 245   | 7,411     | -         | -     | 6         | 103   | 2,825    | -         | -     |
| Grand Traverse                        | 14        | 330   | 10,886    | -         | -     | 15        | 363   | 10,115   | -         | -     |
| Gratiot                               | 8         | 171   | 5,110     | -         | -     | 13        | 618   | 25,011   | -         | -     |
| Hillsdale                             | 6         | 64    | 2,383     | -         | -     | 9         | 68    | 2,395    | -         | -     |
| Huron                                 | 10        | 86    | 3,212     | -         | -     | 8         | 118   | 3,570    | -         | -     |
| Ingham                                | 2         | (D)   | (D)       | -         | -     | 5         | 182   | 9,120    | -         | -     |
| Ionia                                 | 8         | 156   | 3,925     | -         | -     | 4         | (D)   | (D)      | -         | -     |
| Iosco                                 | 4         | 41    | 776       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Iron                                  | 3         | 90    | 2,250     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Isabella                              | 17        | 316   | 10,312    | -         | -     | 17        | 364   | 7,605    | -         | -     |
| Jackson                               | 3         | (D)   | (D)       | -         | -     | 4         | 47    | 1,290    | -         | -     |
| Kalamazoo                             | 6         | 41    | 1,495     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kalkaska                              | 9         | 262   | 10,032    | 1         | (D)   | 4         | 120   | 2,280    | 2         | (D)   |
| Kent                                  | 9         | 292   | 8,438     | -         | -     | 18        | 273   | 8,370    | -         | -     |
| Lake                                  | 4         | 16    | 250       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lapeer                                | 10        | 186   | 8,855     | -         | -     | 5         | 57    | 1,525    | -         | -     |
| Leelanau                              | 11        | 168   | 4,890     | -         | -     | 11        | 135   | 3,564    | -         | -     |
| Lenawee                               | 10        | 527   | (D)       | 2         | (D)   | 7         | 104   | 4,082    | -         | -     |
| Livingston                            | 7         | 299   | 6,625     | -         | -     | 6         | 184   | 3,798    | -         | -     |
| Macomb                                | 5         | 45    | 1,150     | -         | -     | 5         | 37    | 1,063    | -         | -     |
| Manistee                              | 17        | 696   | 28,514    | -         | -     | 20        | 381   | 7,797    | 1         | (D)   |
| Mason                                 | 33        | 1,734 | 65,542    | -         | -     | 24        | 379   | 9,415    | -         | -     |
| Mecosta                               | 33        | 540   | 16,017    | -         | -     | 32        | 523   | 11,797   | -         | -     |
| Menominee                             | 6         | 121   | 4,333     | -         | -     | 3         | 19    | 550      | -         | -     |
| Midland                               | 3         | 21    | 530       | -         | -     | 4         | 24    | 636      | -         | -     |
| Missaukee                             | 7         | 50    | 1,255     | -         | -     | 3         | 25    | 775      | -         | -     |
| Monroe                                | 9         | 100   | 3,570     | -         | -     | 6         | (D)   | (D)      | -         | -     |
| Montcalm                              | 36        | 1,169 | 35,478    | 1         | (D)   | 40        | 1,437 | 41,336   | 2         | (D)   |
| Muskegon                              | 9         | 143   | 3,189     | 1         | (D)   | 4         | 105   | 910      | -         | -     |
| Newaygo                               | 14        | 394   | 11,399    | -         | -     | 14        | 124   | 2,897    | -         | -     |
| Oakland                               | 4         | 90    | 2,700     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (D)   |
| Oceana                                | 56        | 1,416 | 34,458    | 3         | 9     | 47        | 907   | 24,059   | 1         | -     |
| Ogemaw                                | 3         | (D)   | 1,440     | -         | -     | 6         | 78    | 2,677    | -         | -     |
| Oscela                                | 11        | 256   | 4,119     | -         | -     | 5         | 94    | 1,580    | -         | -     |
| Oscoda                                | 2         | (D)   | (D)       | -         | -     | 3         | 20    | (D)      | -         | -     |
| Otsego                                | 11        | 87    | 3,207     | 1         | (D)   | 11        | 171   | 2,850    | -         | -     |
| Ottawa                                | 27        | 386   | 10,349    | -         | -     | 25        | 484   | 14,810   | 2         | (D)   |
| Presque Isle                          | 4         | 39    | 1,015     | -         | -     | 11        | 134   | 4,637    | -         | -     |
| Saginaw                               | 4         | 12    | 479       | -         | -     | 11        | 108   | 2,273    | -         | -     |
| St. Clair                             | 7         | 18    | 605       | -         | -     | 5         | 45    | 1,360    | -         | -     |
| St. Joseph                            | 15        | 344   | 11,140    | 1         | (D)   | 13        | 203   | 8,063    | -         | -     |
| Sanilac                               | 8         | 152   | 4,366     | -         | -     | 4         | 102   | (D)      | (NA)      | (NA)  |
| Schoolcraft                           | 4         | 35    | 1,030     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee                            | 6         | 100   | 1,718     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Tuscola                               | 22        | 246   | 5,814     | -         | -     | 17        | 167   | 5,321    | -         | -     |
| Van Buren                             | 12        | 152   | 4,191     | -         | -     | 11        | 289   | 4,663    | -         | -     |
| Washtenaw                             | 6         | 133   | 4,170     | 1         | (D)   | 12        | 319   | 8,930    | -         | -     |
| Wayne                                 | 5         | 100   | 929       | -         | -     | 3         | (D)   | 932      | -         | -     |
| Wexford                               | 10        | 59    | 1,345     | -         | -     | 9         | 62    | 1,473    | -         | -     |
| <b>SUNFLOWER SEED, ALL (POUNDS)</b>   |           |       |           |           |       |           |       |          |           |       |
| <b>State Total</b>                    |           |       |           |           |       |           |       |          |           |       |
| Michigan                              | 91        | 2,275 | 3,381,523 | 3         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>                       |           |       |           |           |       |           |       |          |           |       |
| Alpena                                | 4         | (D)   | (D)       | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Antrim                                | 2         | (D)   | (D)       | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Arenac                                | 4         | 214   | 273,000   | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Baraga                                | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Bay                                   | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Benzie                                | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Berrien                               | 3         | 4     | 2,400     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Branch                                | 4         | 115   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cass                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Charlevoix                            | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cheboygan                             | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clare                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clinton                               | 3         | 40    | 36,000    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Delta                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Emmet                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Genesee                               | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Grand Traverse                        | 5         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ingham                                | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Iosco                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Isabella                              | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Jackson                               | 2         | (D)   | (D)       | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kalkaska                              | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |

-continued

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                                   | 2002      |       |           |           |       | 1997      |       |          |           |       |
|---|-----------|-------|-----------|-----------|-------|-----------|-------|----------|-----------|-------|
|   | Harvested |       |           | Irrigated |       | Harvested |       |          | Irrigated |       |
|   | Farms     | Acres | Quantity  | Farms     | Acres | Farms     | Acres | Quantity | Farms     | Acres |
| <b>SUNFLOWER SEED, ALL (POUNDS) - Con.</b>        |           |       |           |           |       |           |       |          |           |       |
| <b>Counties - Con.</b>                            |           |       |           |           |       |           |       |          |           |       |
| Lapeer . . . . .                                  | 4         | 12    | 13,500    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lenawee . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Livingston . . . . .                              | 5         | 57    | 77,250    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Macomb . . . . .                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Manistee . . . . .                                | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mecosta . . . . .                                 | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Menominee . . . . .                               | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Missaukee . . . . .                               | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montcalm . . . . .                                | 4         | 56    | 46,000    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montmorency . . . . .                             | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Newaygo . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Oscoda . . . . .                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Otsego . . . . .                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Presque Isle . . . . .                            | 4         | 48    | 110,020   | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Saginaw . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair . . . . .                               | 4         | 10    | 9,050     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Sanilac . . . . .                                 | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee . . . . .                              | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Tuscola . . . . .                                 | 3         | 12    | 7,000     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Van Buren . . . . .                               | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Washtenaw . . . . .                               | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Wexford . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>SUNFLOWER SEED, OIL VARIETIES (POUNDS)</b>     |           |       |           |           |       |           |       |          |           |       |
| <b>State Total</b>                                |           |       |           |           |       |           |       |          |           |       |
| Michigan . . . . .                                | 62        | 2,070 | 3,082,838 | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>                                   |           |       |           |           |       |           |       |          |           |       |
| Alpena . . . . .                                  | 4         | (D)   | (D)       | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Arenac . . . . .                                  | 3         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Bay . . . . .                                     | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Branch . . . . .                                  | 4         | 115   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Charlevoix . . . . .                              | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cheboygan . . . . .                               | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clinton . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Delta . . . . .                                   | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Emmet . . . . .                                   | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Genesee . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Grand Traverse . . . . .                          | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ingham . . . . .                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Iosco . . . . .                                   | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Jackson . . . . .                                 | 2         | (D)   | (D)       | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kalkaska . . . . .                                | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lapeer . . . . .                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Livingston . . . . .                              | 4         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Manistee . . . . .                                | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mecosta . . . . .                                 | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Menominee . . . . .                               | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montcalm . . . . .                                | 4         | 56    | 46,000    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montmorency . . . . .                             | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Newaygo . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Oscoda . . . . .                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Otsego . . . . .                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Presque Isle . . . . .                            | 3         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Saginaw . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair . . . . .                               | 4         | 10    | 9,050     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Sanilac . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee . . . . .                              | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Tuscola . . . . .                                 | 3         | 12    | 7,000     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Van Buren . . . . .                               | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Washtenaw . . . . .                               | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Wexford . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>SUNFLOWER SEED, NON-OIL VARIETIES (POUNDS)</b> |           |       |           |           |       |           |       |          |           |       |
| <b>State Total</b>                                |           |       |           |           |       |           |       |          |           |       |
| Michigan . . . . .                                | 29        | 205   | 298,685   | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>                                   |           |       |           |           |       |           |       |          |           |       |
| Antrim . . . . .                                  | 2         | (D)   | (D)       | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Arenac . . . . .                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Baraga . . . . .                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Bay . . . . .                                     | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Benzie . . . . .                                  | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Berrien . . . . .                                 | 3         | (D)   | (D)       | 2,400     | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cass . . . . .                                    | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clare . . . . .                                   | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clinton . . . . .                                 | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Grand Traverse . . . . .                          | 3         | 40    | 59,000    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Isabella . . . . .                                | 2         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lapeer . . . . .                                  | 3         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lenawee . . . . .                                 | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Livingston . . . . .                              | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Macomb . . . . .                                  | 1         | (D)   | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |

-continued

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area  | 2002      |       |          |           |       | 1997      |       |          |           |       |
|--|-----------|-------|----------|-----------|-------|-----------|-------|----------|-----------|-------|
|  | Harvested |       |          | Irrigated |       | Harvested |       |          | Irrigated |       |
|  | Farms     | Acres | Quantity | Farms     | Acres | Farms     | Acres | Quantity | Farms     | Acres |
| <b>SUNFLOWER SEED, NON-OIL VARIETIES (POUNDS) - Con.</b> |           |       |          |           |       |           |       |          |           |       |
| <b>Counties - Con.</b>                                   |           |       |          |           |       |           |       |          |           |       |
| Missaukee .....  | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Presque Isle .....                                       | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Sanilac .....  |           |       |          |           |       |           |       |          |           |       |
| <b>TRITICALE (BUSHELS)</b>                               |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                                       |           |       |          |           |       |           |       |          |           |       |
| Michigan .....   | 3         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>  |           |       |          |           |       |           |       |          |           |       |
| Alpena .....   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montcalm .....   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Newaygo .....  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |

**Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                                | 2002      |           |            |           |        | 1997      |           |            |           |        |
|--|-----------|-----------|------------|-----------|--------|-----------|-----------|------------|-----------|--------|
|  | Harvested |           |            | Irrigated |        | Harvested |           |            | Irrigated |        |
|  | Farms     | Acres     | Quantity   | Farms     | Acres  | Farms     | Acres     | Quantity   | Farms     | Acres  |
| <b>SOYBEANS FOR BEANS (BUSHELS)</b>            |           |           |            |           |        |           |           |            |           |        |
| <b>State Total</b>                             |           |           |            |           |        |           |           |            |           |        |
| Michigan .....                                 | 11,683    | 2,055,424 | 78,197,248 | 558       | 84,180 | 13,574    | 1,768,996 | 64,787,800 | 402       | 49,251 |
| <b>Counties</b>                                |           |           |            |           |        |           |           |            |           |        |
| Alcona .....                                   | 2         | (D)       | (D)        | -         | -      | 5         | 215       | 4,440      | -         | -      |
| Allegan .....                                  | 234       | 42,092    | 1,763,359  | 14        | 780    | 250       | 35,364    | 1,370,612  | 16        | 1,860  |
| Alpena .....                                   | 10        | 1,045     | 38,552     | -         | -      | 6         | 339       | 6,063      | -         | -      |
| Antrim .....                                   | 1         | (D)       | (D)        | -         | -      | (NA)      | (NA)      | (NA)       | (NA)      | (NA)   |
| Arenac .....                                   | 87        | 12,505    | 526,256    | 1         | (D)    | 102       | 8,809     | 304,876    | 1         | (D)    |
| Barry .....                                    | 141       | 30,838    | 1,244,020  | 4         | 249    | 169       | 21,821    | 782,925    | 2         | (D)    |
| Bay .....                                      | 344       | 43,622    | 1,772,784  | 5         | 800    | 418       | 37,331    | 1,461,273  | 7         | 548    |
| Berrien .....                                  | 244       | 51,409    | 1,995,799  | 25        | 5,382  | 330       | 42,998    | 1,621,233  | 11        | 1,266  |
| Branch .....                                   | 350       | 76,960    | 2,773,904  | 66        | 13,752 | 425       | 55,028    | 2,222,259  | 59        | 8,367  |
| Calhoun .....                                  | 416       | 69,339    | 2,729,212  | 22        | 3,433  | 496       | 51,200    | 1,931,357  | 19        | 2,780  |
| Cass .....                                     | 237       | 48,003    | 1,815,927  | 41        | 4,822  | 312       | 39,634    | 1,453,461  | 28        | 2,081  |
| Charlevoix .....                               | 3         | (D)       | (D)        | -         | -      | (NA)      | (NA)      | (NA)       | (NA)      | (NA)   |
| Clare .....                                    | 8         | 614       | 22,330     | -         | -      | 12        | 525       | 12,465     | -         | -      |
| Clinton .....                                  | 501       | 82,978    | 3,219,626  | 11        | 610    | 652       | 73,743    | 2,750,733  | 3         | (D)    |
| Delta .....                                    | 1         | (D)       | (D)        | -         | -      | 3         | 590       | 13,520     | -         | -      |
| Eaton .....                                    | 391       | 70,885    | 2,855,383  | 3         | 98     | 413       | 57,686    | 2,163,935  | 1         | (D)    |
| Genesee .....                                  | 204       | 44,928    | 1,465,349  | 3         | (D)    | 235       | 33,950    | 1,069,723  | -         | -      |
| Gladwin .....                                  | 29        | 3,481     | 146,765    | 2         | (D)    | 26        | 1,515     | 48,719     | -         | -      |
| Grand Traverse .....                           | 14        | 471       | 14,393     | -         | -      | 10        | 378       | 7,152      | -         | -      |
| Gratiot .....                                  | 448       | 82,677    | 3,602,193  | 13        | 1,602  | 522       | 79,392    | 3,027,493  | 1         | (D)    |
| Hillsdale .....                                | 424       | 71,220    | 2,345,316  | 16        | 1,446  | 487       | 63,243    | 2,420,618  | 13        | 1,352  |
| Huron .....                                    | 389       | 45,514    | 2,149,328  | 5         | 27     | 365       | 35,730    | 1,238,780  | 1         | (D)    |
| Ingham .....                                   | 262       | 58,394    | 2,107,886  | 4         | (D)    | 329       | 51,042    | 1,836,932  | 2         | (D)    |
| Ionia .....                                    | 341       | 59,360    | 2,636,445  | 14        | 1,043  | 405       | 52,021    | 2,064,678  | 1         | (D)    |
| Iosco .....                                    | 17        | 1,504     | 58,887     | -         | -      | 17        | 801       | 26,776     | -         | -      |
| Isabella .....                                 | 271       | 41,465    | 1,671,247  | 1         | (D)    | 311       | 33,185    | 1,149,124  | -         | -      |
| Jackson .....                                  | 250       | 38,180    | 1,322,286  | 7         | 1,703  | 251       | 28,225    | 982,382    | 7         | 753    |
| Kalamazoo .....                                | 189       | 38,208    | 1,536,562  | 50        | 9,515  | 253       | 33,569    | 1,267,991  | 27        | 3,206  |
| Kent .....                                     | 127       | 18,577    | 793,143    | 4         | 392    | 131       | 14,434    | 538,713    | -         | -      |
| Lapeer .....                                   | 228       | 52,242    | 2,063,110  | 3         | (D)    | 221       | 29,847    | 983,644    | 2         | (D)    |
| Lenawee .....                                  | 598       | 128,951   | 4,008,307  | 6         | 206    | 747       | 130,907   | 5,408,085  | 7         | 405    |
| Livingston .....                               | 115       | 18,166    | 677,896    | -         | -      | 124       | 14,426    | 526,156    | -         | -      |
| Macomb .....                                   | 140       | 25,086    | 925,931    | 4         | (D)    | 189       | 25,242    | 859,189    | 2         | (D)    |
| Manistee .....                                 | 1         | (D)       | (D)        | -         | (NA)   | (NA)      | (NA)      | (NA)       | (NA)      | (NA)   |
| Mason .....                                    | 31        | 2,606     | 101,491    | 1         | (D)    | 27        | 1,264     | 41,759     | 1         | (D)    |
| Mecosta .....                                  | 14        | 897       | 31,896     | -         | -      | 4         | 152       | (D)        | -         | -      |
| Menominee .....                                | 5         | 116       | 4,326      | -         | -      | 3         | 92        | 2,770      | -         | -      |
| Midland .....                                  | 138       | 19,449    | 817,940    | 5         | 139    | 165       | 17,410    | 660,599    | -         | -      |
| Missaukee .....                                | 2         | (D)       | (D)        | -         | (NA)   | (NA)      | (NA)      | (NA)       | (NA)      | (NA)   |
| Monroe .....                                   | 581       | 95,809    | 3,181,990  | 12        | 666    | 711       | 97,906    | 3,770,565  | 2         | (D)    |
| Montcalm .....                                 | 115       | 16,336    | 624,123    | 7         | 511    | 127       | 14,907    | 518,954    | 13        | 1,390  |
| Montmorency .....                              | 9         | 1,158     | 45,778     | -         | -      | 5         | 111       | 3,460      | -         | -      |
| Muskegon .....                                 | 34        | 4,627     | 178,500    | 4         | (D)    | 23        | 3,453     | 112,720    | 1         | (D)    |
| Newaygo .....                                  | 60        | 5,785     | 203,724    | 4         | 668    | 36        | 1,759     | 58,072     | 2         | (D)    |
| Oakland .....                                  | 24        | 4,043     | 102,196    | -         | -      | 29        | 4,734     | 148,541    | -         | -      |
| Oceana .....                                   | 22        | 2,315     | 80,203     | 1         | (D)    | 14        | 813       | 20,749     | -         | -      |
| Ogemaw .....                                   | 10        | 856       | 38,629     | -         | -      | 4         | 308       | 3,800      | -         | -      |
| Oscceola .....                                 | 6         | (D)       | (D)        | -         | (NA)   | (NA)      | (NA)      | (NA)       | (NA)      | (NA)   |
| Otsego .....                                   | 2         | (D)       | (D)        | -         | -      | 4         | 21        | 195        | -         | -      |
| Ottawa .....                                   | 187       | 23,439    | 1,039,788  | 4         | 149    | 143       | 10,098    | 398,348    | 2         | (D)    |
| Presque Isle .....                             | 8         | 916       | 34,464     | 2         | (D)    | 8         | 653       | 19,357     | 1         | (D)    |
| Saginaw .....                                  | 666       | 106,117   | 4,158,247  | 8         | 271    | 854       | 115,353   | 3,978,665  | 2         | (D)    |
| St. Clair .....                                | 365       | 75,733    | 2,664,307  | 4         | 73     | 427       | 68,173    | 2,233,836  | 1         | (D)    |
| St. Joseph .....                               | 312       | 60,143    | 2,508,245  | 140       | 29,409 | 376       | 49,836    | 2,003,283  | 134       | 18,575 |
| Sanilac .....                                  | 625       | 125,267   | 5,030,902  | 2         | (D)    | 673       | 105,392   | 3,726,322  | 3         | 418    |
| Shiawassee .....                               | 475       | 90,209    | 2,922,382  | 2         | (D)    | 591       | 86,517    | 2,723,692  | 2         | (D)    |
| Tuscola .....                                  | 427       | 77,296    | 3,244,854  | 9         | 971    | 511       | 59,157    | 2,170,010  | 6         | 529    |
| Van Buren .....                                | 140       | 29,321    | 1,102,055  | 20        | 2,218  | 166       | 25,764    | 848,726    | 16        | 1,788  |
| Washtenaw .....                                | 346       | 46,470    | 1,592,514  | 8         | 453    | 378       | 40,371    | 1,443,128  | 6         | 584    |
| Wayne .....                                    | 61        | 7,251     | 185,249    | 1         | (D)    | 65        | 10,877    | 323,667    | -         | -      |
| Wexford .....                                  | 1         | (D)       | (D)        | -         | (NA)   | (NA)      | (NA)      | (NA)       | (NA)      | (NA)   |
| <b>DRY EDIBLE BEANS, EXCLUDING LIMAS (CWT)</b> |           |           |            |           |        |           |           |            |           |        |
| <b>State Total</b>                             |           |           |            |           |        |           |           |            |           |        |
| Michigan .....                                 | 1,587     | 259,026   | 4,862,193  | 82        | 13,183 | 2,243     | 307,589   | 4,992,441  | 91        | 12,021 |
| <b>Counties</b>                                |           |           |            |           |        |           |           |            |           |        |
| Alcona .....                                   | 10        | 818       | 14,006     | -         | -      | 15        | 1,247     | 15,163     | -         | -      |
| Alpena .....                                   | 9         | 1,528     | 27,740     | -         | -      | 18        | 3,712     | 38,024     | 1         | (D)    |
| Arenac .....                                   | 43        | 7,414     | 138,002    | -         | -      | 71        | 9,098     | 140,547    | 3         | (D)    |
| Bay .....                                      | 174       | 26,165    | 485,837    | 4         | 228    | 274       | 34,110    | 570,974    | 2         | (D)    |
| Berrien .....                                  | 1         | (D)       | (D)        | -         | (NA)   | (NA)      | (NA)      | (NA)       | (NA)      | (NA)   |
| Branch .....                                   | 5         | (D)       | (D)        | 2         | (D)    | 3         | 215       | 2,700      | 1         | (D)    |
| Calhoun .....                                  | 7         | 209       | 2,487      | -         | (NA)   | (NA)      | (NA)      | (NA)       | (NA)      | (NA)   |
| Cass .....                                     | 2         | (D)       | (D)        | -         | (NA)   | (NA)      | (NA)      | (NA)       | (NA)      | (NA)   |
| Clinton .....                                  | 10        | 1,042     | 23,574     | 1         | (D)    | 13        | 1,221     | 17,114     | -         | -      |
| Delta .....                                    | 5         | 1,168     | 15,837     | -         | -      | 7         | 1,124     | 11,940     | -         | -      |
| Dickinson .....                                | 1         | (D)       | (D)        | 1         | (D)    | (NA)      | (NA)      | (NA)       | (NA)      | (NA)   |
| Eaton .....                                    | 4         | 492       | 8,428      | -         | -      | 20        | 1,481     | 16,101     | -         | -      |
| Genesee .....                                  | 10        | 367       | 6,118      | -         | -      | 7         | 861       | 11,260     | -         | -      |
| Gladwin .....                                  | 12        | 989       | 12,647     | -         | -      | 16        | 1,621     | 23,346     | -         | -      |

-continued

**Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area   | 2002      |        |            |           |        | 1997      |        |            |           |        |
|---|-----------|--------|------------|-----------|--------|-----------|--------|------------|-----------|--------|
|   | Harvested |        |            | Irrigated |        | Harvested |        |            | Irrigated |        |
|   | Farms     | Acres  | Quantity   | Farms     | Acres  | Farms     | Acres  | Quantity   | Farms     | Acres  |
| <b>DRY EDIBLE BEANS,<br/>EXCLUDING LIMAS (CWT) - Con.</b> |           |        |            |           |        |           |        |            |           |        |
| <b>Counties - Con.</b>                                    |           |        |            |           |        |           |        |            |           |        |
| Grand Traverse . . . . .                                  | 1         | (D)    | (D)        | -         | -      | 3         | (D)    | (D)        | 1         | (D)    |
| Gratiot . . . . .   | 131       | 22,794 | 390,207    | 7         | 896    | 136       | 20,483 | 307,027    | 3         | 149    |
| Hillsdale . . . . .                                       | 1         | (D)    | (D)        | -         | -      | 589       | (NA)   | (NA)       | (NA)      | (NA)   |
| Huron . . . . .   | 431       | 87,328 | 1,813,324  | 6         | 217    | -         | 91,929 | 1,545,316  | 6         | 361    |
| Ingham . . . . .  | 3         | (D)    | (D)        | -         | -      | 3         | (D)    | (D)        | -         | -      |
| Ionia . . . . .   | 6         | 702    | 13,133     | 2         | (D)    | 7         | 1,021  | 14,523     | 1         | (D)    |
| Iosco . . . . .   | 2         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Isabella . . . . .  | 45        | 6,185  | 99,225     | 5         | 1,325  | 74        | 8,302  | 115,363    | 3         | 260    |
| Jackson . . . . .   | 1         | (D)    | (D)        | 1         | (D)    | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Kalamazoo . . . . .                                       | 2         | (D)    | (D)        | 2         | (D)    | 5         | 674    | 6,596      | 4         | 620    |
| Kent . . . . .  | 10        | 2,403  | 45,014     | 4         | 959    | 17        | 2,876  | 50,270     | 4         | 341    |
| Lapeer . . . . .  | 10        | 298    | 5,364      | -         | -      | 23        | 3,038  | 142,022    | -         | -      |
| Lenawee . . . . .   | 2         | (D)    | (D)        | -         | -      | 4         | 217    | 3,916      | (NA)      | (NA)   |
| Livingston . . . . .                                      | 2         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Manistee . . . . .  | 4         | 582    | 7,898      | 4         | 572    | 4         | 956    | 15,895     | 4         | 856    |
| Mecosta . . . . .   | 11        | 1,710  | 25,055     | 2         | (D)    | 15        | 2,706  | 42,895     | 7         | 1,316  |
| Menominee . . . . .                                       | 1         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Midland . . . . .   | 36        | 3,684  | 62,204     | 1         | (D)    | 42        | 5,319  | 89,520     | 2         | (D)    |
| Monroe . . . . .  | 4         | 43     | 1,208      | -         | -      | 4         | 300    | 3,884      | -         | -      |
| Montcalm . . . . .  | 76        | 14,978 | 253,685    | 35        | 7,217  | 125       | 18,342 | 283,826    | 30        | 5,967  |
| Montmorency . . . . .                                     | 2         | (D)    | (D)        | -         | -      | 5         | 471    | 4,870      | -         | -      |
| Newaygo . . . . .   | 4         | 179    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Oakland . . . . .   | 1         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Otsego . . . . .  | 1         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Ottawa . . . . .  | 1         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Presque Isle . . . . .                                    | 14        | 1,050  | 15,768     | 1         | (D)    | 29        | 2,837  | 31,138     | 6         | 695    |
| Saginaw . . . . .   | 122       | 15,784 | 290,000    | 1         | (D)    | 161       | 15,565 | 264,532    | 1         | (D)    |
| St. Clair . . . . .                                       | 8         | 174    | 3,386      | -         | -      | 8         | 1,095  | (D)        | 1         | (D)    |
| St. Joseph . . . . .                                      | 2         | (D)    | (D)        | 1         | (D)    | (NA)      | (NA)   | (NA)       | 1         | (NA)   |
| Sanilac . . . . .   | 133       | 17,578 | 294,060    | -         | -      | 182       | 19,422 | 290,835    | 1         | (D)    |
| Schoolcraft . . . . .                                     | 2         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Shiawassee . . . . .                                      | 7         | 189    | 2,568      | -         | -      | 7         | 145    | 2,171      | -         | -      |
| Tuscola . . . . .   | 217       | 41,047 | 768,498    | 2         | (D)    | 318       | 55,091 | 879,060    | 3         | 288    |
| Washtenaw . . . . .                                       | 1         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| <b>DRY EDIBLE PEAS (CWT)</b>                              |           |        |            |           |        |           |        |            |           |        |
| <b>State Total</b>  |           |        |            |           |        |           |        |            |           |        |
| Michigan . . . . .  | 3         | 30     | 228        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| <b>Counties</b>   |           |        |            |           |        |           |        |            |           |        |
| Monroe . . . . .  | 2         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Schoolcraft . . . . .                                     | 1         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| <b>POTATOES (CWT)</b>                                     |           |        |            |           |        |           |        |            |           |        |
| <b>State Total</b>  |           |        |            |           |        |           |        |            |           |        |
| Michigan . . . . .  | 395       | 45,840 | 14,212,892 | 191       | 38,016 | 351       | 46,105 | 13,923,862 | 186       | 34,142 |
| <b>Counties</b>   |           |        |            |           |        |           |        |            |           |        |
| Alger . . . . .   | 2         | (D)    | (D)        | -         | -      | 4         | (D)    | (D)        | -         | -      |
| Allegan . . . . .   | 8         | 1,547  | 467,612    | 5         | 1,526  | 9         | 737    | 158,742    | 8         | 729    |
| Alpena . . . . .  | 5         | 2      | 312        | -         | -      | 6         | (D)    | (D)        | 2         | (D)    |
| Antrim . . . . .  | 6         | (D)    | (D)        | 3         | (D)    | 5         | (D)    | (D)        | 4         | (D)    |
| Arenac . . . . .  | 3         | (D)    | (D)        | 1         | (D)    | 6         | 1,079  | 288,118    | 1         | (D)    |
| Barry . . . . .   | 2         | (D)    | (D)        | 1         | (D)    | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Bay . . . . .   | 26        | 2,263  | 569,044    | 14        | 1,113  | 38        | 4,085  | 952,556    | 22        | 1,481  |
| Berrien . . . . .   | 16        | 39     | 3,741      | 6         | 11     | 13        | 18     | 2,210      | 4         | (D)    |
| Branch . . . . .  | 10        | 186    | 55,774     | 5         | 157    | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Calhoun . . . . .   | 3         | 1      | (D)        | 3         | 1      | 5         | 4      | 770        | 1         | (D)    |
| Cass . . . . .  | 1         | (D)    | (D)        | 1         | (D)    | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Charlevoix . . . . .                                      | 1         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Cheboygan . . . . .                                       | 1         | (D)    | (D)        | 1         | (D)    | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Chippewa . . . . .  | 2         | (D)    | (D)        | 2         | (D)    | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Clare . . . . .   | 2         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Clinton . . . . .   | 2         | (D)    | (D)        | 2         | (D)    | 3         | (D)    | (D)        | 2         | (D)    |
| Delta . . . . .   | 6         | 697    | 142,600    | 3         | 201    | 16        | 904    | 265,200    | 7         | 496    |
| Dickinson . . . . .                                       | 7         | 487    | 93,220     | 2         | (D)    | 11        | 886    | 164,630    | 5         | 174    |
| Eaton . . . . .   | 2         | (D)    | (D)        | 1         | (D)    | 3         | 870    | (D)        | 1         | (D)    |
| Emmet . . . . .   | 3         | 5      | (D)        | 1         | (D)    | 8         | (D)    | (D)        | 2         | (D)    |
| Genesee . . . . .   | 1         | (D)    | (D)        | 1         | (D)    | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Gladwin . . . . .   | 2         | (D)    | (D)        | -         | -      | 3         | 1      | 84         | -         | (NA)   |
| Gogebic . . . . .   | 2         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Grand Traverse . . . . .                                  | 3         | (D)    | 930        | -         | -      | 3         | (D)    | (D)        | -         | -      |
| Gratiot . . . . .   | 4         | 395    | 82,480     | 1         | (D)    | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Hillsdale . . . . .                                       | 3         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Houghton . . . . .  | 7         | 6      | (D)        | 5         | 5      | 7         | 31     | 3,610      | 2         | (D)    |
| Huron . . . . .   | 2         | (D)    | (D)        | 2         | (D)    | 4         | (D)    | (D)        | 3         | (D)    |
| Ingham . . . . .  | 5         | 13     | (D)        | 2         | (D)    | 3         | 9      | (D)        | 2         | (D)    |
| Iosco . . . . .   | 1         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Iron . . . . .  | 7         | 768    | 223,492    | 7         | 768    | 5         | 470    | 160,700    | 5         | 465    |
| Isabella . . . . .  | 7         | 22     | 8,438      | 1         | (D)    | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Jackson . . . . .   | 4         | 3      | (D)        | 3         | 3      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Kalamazoo . . . . .                                       | 1         | (D)    | (D)        | -         | -      | (NA)      | (NA)   | (NA)       | (NA)      | (NA)   |
| Kalkaska . . . . .  | 4         | 1,275  | 421,990    | 4         | 1,275  | 3         | 1,007  | 353,470    | 3         | 1,007  |

-continued

**Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                     | 2002      |         |           |           |        | 1997      |         |           |           |        |
|-------------------------------------|-----------|---------|-----------|-----------|--------|-----------|---------|-----------|-----------|--------|
|                                     | Harvested |         |           | Irrigated |        | Harvested |         |           | Irrigated |        |
|                                     | Farms     | Acres   | Quantity  | Farms     | Acres  | Farms     | Acres   | Quantity  | Farms     | Acres  |
| <b>POTATOES (CWT) - Con.</b>        |           |         |           |           |        |           |         |           |           |        |
| <b>Counties - Con.</b>              |           |         |           |           |        |           |         |           |           |        |
| Kent . . . . .                      | 2         | (D)     | (D)       | 2         | (D)    | 6         | (D)     | (D)       | 4         | (D)    |
| Lake . . . . .                      | 1         | (D)     | (D)       | -         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Lapeer . . . . .                    | 5         | 68      | 12,317    | 2         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Leelanau . . . . .                  | 6         | 7       | 1,412     | 2         | (D)    | 6         | 18      | 2,188     | 3         | 4      |
| Lenawee . . . . .                   | 8         | 5       | 1,288     | 3         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Livingston . . . . .                | 4         | 2       | 370       | 2         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Luce . . . . .                      | 2         | (D)     | (D)       | 2         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Mackinac . . . . .                  | 2         | (D)     | (D)       | -         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Macomb . . . . .                    | 9         | 5       | 605       | 2         | (D)    | 6         | 23      | 4,662     | -         | -      |
| Manistee . . . . .                  | 3         | 2       | 840       | 3         | (D)    | 3         | 15      | 4,680     | 2         | (D)    |
| Marquette . . . . .                 | 7         | 487     | 154,655   | 1         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Mecosta . . . . .                   | 8         | (D)     | (D)       | 3         | (D)    | 7         | (D)     | (D)       | 3         | (D)    |
| Midland . . . . .                   | 3         | (D)     | (D)       | 1         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Missaukee . . . . .                 | 1         | (D)     | (D)       | -         | -      | 3         | (D)     | 2,200     | 2         | (D)    |
| Monroe . . . . .                    | 12        | 1,903   | 469,874   | 4         | 890    | 10        | 1,579   | 408,980   | 3         | 1,071  |
| Montcalm . . . . .                  | 27        | 16,678  | 5,299,283 | 23        | 16,670 | 28        | 12,912  | 4,305,252 | 28        | 12,340 |
| Muskegon . . . . .                  | 5         | 241     | 66,064    | 5         | 241    | 6         | (D)     | (D)       | 6         | (D)    |
| Newaygo . . . . .                   | 5         | (D)     | (D)       | 3         | (D)    | 7         | 237     | 32,680    | 5         | 197    |
| Oakland . . . . .                   | 4         | 13      | 242       | 2         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Oceana . . . . .                    | 4         | 2       | 428       | 1         | (D)    | 3         | 5       | 454       | 2         | (D)    |
| Ogemaw . . . . .                    | 2         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Ontonagon . . . . .                 | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Oscoda . . . . .                    | 2         | (D)     | (D)       | 1         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Otsego . . . . .                    | 5         | 412     | 133,900   | 5         | 412    | 3         | (D)     | (D)       | 3         | (D)    |
| Ottawa . . . . .                    | 16        | 39      | 3,666     | 14        | 23     | 8         | 17      | 2,566     | 3         | (D)    |
| Presque Isle . . . . .              | 18        | 2,298   | 581,683   | 4         | 537    | 22        | 3,117   | 744,763   | 13        | 1,773  |
| Saginaw . . . . .                   | 8         | 1,517   | 476,859   | 4         | 1,271  | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| St. Clair . . . . .                 | 5         | 23      | 3,710     | 1         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| St. Joseph . . . . .                | 19        | 6,309   | 2,176,062 | 11        | 6,264  | 13        | 3,204   | 1,080,264 | 11        | 3,038  |
| Sanilac . . . . .                   | 9         | (D)     | (D)       | 5         | (D)    | 4         | 937     | 292,874   | 2         | (D)    |
| Schoolcraft . . . . .               | 5         | (D)     | (D)       | -         | -      | 5         | 364     | 86,417    | -         | -      |
| Shiawassee . . . . .                | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Tuscola . . . . .                   | 9         | 679     | 205,294   | 3         | (D)    | 7         | (D)     | (D)       | 4         | (D)    |
| Van Buren . . . . .                 | 4         | 48      | 2,625     | 1         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Washtenaw . . . . .                 | 5         | (D)     | (D)       | 2         | (D)    | 3         | (D)     | (D)       | 2         | (D)    |
| Wayne . . . . .                     | 22        | (D)     | (D)       | -         | -      | 4         | 6       | 378       | -         | -      |
| Wexford . . . . .                   | 5         | 5       | 203       | 2         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| <b>SUGARBEETS FOR SEED (POUNDS)</b> |           |         |           |           |        |           |         |           |           |        |
| <b>State Total</b>                  |           |         |           |           |        |           |         |           |           |        |
| Michigan . . . . .                  | 5         | 421     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| <b>Counties</b>                     |           |         |           |           |        |           |         |           |           |        |
| Arenac . . . . .                    | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Huron . . . . .                     | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| St. Clair . . . . .                 | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Sanilac . . . . .                   | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Tuscola . . . . .                   | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| <b>SUGARBEETS FOR SUGAR (TONS)</b>  |           |         |           |           |        |           |         |           |           |        |
| <b>State Total</b>                  |           |         |           |           |        |           |         |           |           |        |
| Michigan . . . . .                  | 989       | 180,054 | 3,324,568 | 46        | (D)    | 1,164     | 160,145 | 3,003,671 | 40        | 2,455  |
| <b>Counties</b>                     |           |         |           |           |        |           |         |           |           |        |
| Arenac . . . . .                    | 31        | 5,486   | 101,463   | -         | -      | 40        | 5,527   | 102,136   | 1         | (D)    |
| Bay . . . . .                       | 167       | 20,588  | 341,126   | 10        | 596    | 210       | 18,507  | 330,720   | 20        | 962    |
| Cass . . . . .                      | 2         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Cheboygan . . . . .                 | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Clinton . . . . .                   | 3         | (D)     | 15,230    | 1         | (D)    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Eaton . . . . .                     | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Genesee . . . . .                   | 3         | 186     | 4,393     | 1         | (D)    | 4         | 456     | 9,279     | -         | -      |
| Gladwin . . . . .                   | 13        | 1,528   | 26,468    | -         | -      | 11        | 1,373   | 22,117    | -         | -      |
| Gratiot . . . . .                   | 72        | 17,961  | 330,923   | 5         | 397    | 69        | 16,226  | 299,734   | 1         | (D)    |
| Huron . . . . .                     | 252       | 57,203  | 1,139,948 | 5         | 115    | 305       | 44,545  | 884,224   | 5         | 291    |
| Iosco . . . . .                     | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Isabella . . . . .                  | 6         | 1,109   | 18,623    | 1         | (D)    | 11        | 3,753   | 63,325    | 1         | (D)    |
| Lapeer . . . . .                    | 4         | 710     | 15,885    | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Lenawee . . . . .                   | 10        | 786     | 11,973    | 1         | (D)    | 20        | 1,833   | 33,708    | 1         | (D)    |
| Mason . . . . .                     | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Mecosta . . . . .                   | 2         | (D)     | (D)       | 1         | (D)    | 4         | (D)     | (D)       | 1         | (D)    |
| Midland . . . . .                   | 16        | 2,967   | 50,955    | 1         | (D)    | 24        | 3,516   | 58,506    | -         | -      |
| Monroe . . . . .                    | 3         | (D)     | (D)       | -         | -      | 6         | 278     | 4,787     | -         | -      |
| Montcalm . . . . .                  | 11        | 1,758   | 33,316    | 8         | 1,032  | 5         | 486     | 8,070     | 2         | (D)    |
| Oakland . . . . .                   | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Ogemaw . . . . .                    | 2         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Ottawa . . . . .                    | 1         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Saginaw . . . . .                   | 140       | 19,563  | 348,826   | 1         | (D)    | 158       | 17,738  | 335,568   | 2         | (D)    |
| St. Clair . . . . .                 | 6         | 1,337   | 24,008    | -         | -      | 9         | 1,545   | 27,538    | -         | -      |
| Sanilac . . . . .                   | 93        | 20,719  | 372,514   | 2         | (D)    | 70        | 14,477  | 261,048   | -         | -      |
| Schoolcraft . . . . .               | 1         | (D)     | (D)       | -         | -      | 3         | 61      | 1,190     | (NA)      | (NA)   |
| Shiawassee . . . . .                | 2         | (D)     | (D)       | -         | -      | (NA)      | (NA)    | (NA)      | (NA)      | (NA)   |
| Tuscola . . . . .                   | 144       | 25,861  | 469,760   | 9         | 649    | 189       | 29,136  | 550,035   | 5         | 655    |

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                        | 2002      |       |          |           |       | 1997      |       |          |           |       |
|--|-----------|-------|----------|-----------|-------|-----------|-------|----------|-----------|-------|
|  | Harvested |       |          | Irrigated |       | Harvested |       |          | Irrigated |       |
|  | Farms     | Acres | Quantity | Farms     | Acres | Farms     | Acres | Quantity | Farms     | Acres |
| <b>FIELD AND GRASS SEED CROPS, ALL</b> |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                     |           |       |          |           |       |           |       |          |           |       |
| Michigan                               | 112       | 3,311 | (X)      | 1         | (D)   | 88        | (D)   | (X)      | -         | -     |
| <b>Counties</b>                        |           |       |          |           |       |           |       |          |           |       |
| Alcona                                 | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Allegan                                | 3         | 48    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Alpena                                 | 6         | 422   | (X)      | -         | -     | 3         | 68    | (X)      | -         | -     |
| Antrim                                 | 4         | 37    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Arenac                                 | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Calhoun                                | 3         | 67    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Chippewa                               | 9         | 212   | (X)      | -         | -     | 15        | (D)   | (X)      | -         | -     |
| Clare                                  | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Clinton                                | 3         | 94    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Eaton                                  | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Genesee                                | 3         | 61    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Gladwin                                | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Gratiot                                | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Hillsdale                              | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Houghton                               | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Ionia                                  | 1         | (D)   | (X)      | -         | -     | 4         | (D)   | (X)      | -         | -     |
| Iosco                                  | 1         | (D)   | (X)      | 1         | (D)   | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Iron                                   | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Isabella                               | 5         | 114   | (X)      | -         | -     | 3         | 30    | (X)      | -         | -     |
| Jackson                                | 3         | 60    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Kalamazoo                              | 5         | 41    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Kent                                   | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Lapeer                                 | 3         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Lenawee                                | 7         | 211   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Livingston                             | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Mason                                  | 4         | 34    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Missaukee                              | 3         | 43    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Montcalm                               | 1         | (D)   | (X)      | -         | -     | 6         | 374   | (X)      | -         | -     |
| Oceana                                 | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Ontonagon                              | 5         | 273   | (X)      | -         | -     | 6         | (D)   | (X)      | (NA)      | (NA)  |
| Osceola                                | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Roscommon                              | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Saginaw                                | 3         | 69    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| St. Clair                              | 4         | 32    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| St. Joseph                             | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Sanilac                                | 3         | 40    | (X)      | -         | -     | 4         | 47    | (X)      | -         | -     |
| Shiawassee                             | 6         | 480   | (X)      | -         | -     | 5         | (D)   | (X)      | -         | -     |
| Tuscola                                | 3         | 50    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Washtenaw                              | 2         | (D)   | (X)      | -         | -     | 6         | (D)   | (X)      | -         | -     |
| Wexford                                | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| <b>ALFALFA SEED (POUNDS)</b>           |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                     |           |       |          |           |       |           |       |          |           |       |
| Michigan                               | 10        | 114   | 8,870    | -         | -     | 7         | 62    | 2,680    | -         | -     |
| <b>Counties</b>                        |           |       |          |           |       |           |       |          |           |       |
| Allegan                                | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Alpena                                 | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Gladwin                                | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Livingston                             | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Missaukee                              | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair                              | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee                             | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>BIRDSFOOT TREFOIL SEED (POUNDS)</b> |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                     |           |       |          |           |       |           |       |          |           |       |
| Michigan                               | 37        | 962   | 56,481   | 1         | (D)   | 22        | 1,446 | 118,921  | -         | -     |
| <b>Counties</b>                        |           |       |          |           |       |           |       |          |           |       |
| Alcona                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Alpena                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Calhoun                                | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Chippewa                               | 9         | 212   | 8,178    | -         | -     | 14        | 1,037 | 75,421   | -         | -     |
| Clare                                  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Eaton                                  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Genesee                                | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Houghton                               | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Iosco                                  | 1         | (D)   | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Iron                                   | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kalamazoo                              | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kent                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lapeer                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lenawee                                | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Missaukee                              | 3         | (D)   | 1,578    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ontonagon                              | 5         | 273   | 22,325   | -         | -     | 5         | 297   | 34,300   | -         | -     |
| Osceola                                | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Roscommon                              | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Saginaw                                | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee                             | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |

--continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area  | 2002      |           |           |           |       | 1997      |       |          |           |       |
|--|-----------|-----------|-----------|-----------|-------|-----------|-------|----------|-----------|-------|
|  | Harvested |           |           | Irrigated |       | Harvested |       |          | Irrigated |       |
|  | Farms     | Acres     | Quantity  | Farms     | Acres | Farms     | Acres | Quantity | Farms     | Acres |
| <b>CRIMSON CLOVER SEED (POUNDS)</b>  |           |           |           |           |       |           |       |          |           |       |
| <b>State Total</b>   |           |           |           |           |       |           |       |          |           |       |
| Michigan .....   | 1         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>  |           |           |           |           |       |           |       |          |           |       |
| Alpena .....   | 1         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>RED CLOVER SEED (POUNDS)</b>  |           |           |           |           |       |           |       |          |           |       |
| <b>State Total</b>   |           |           |           |           |       |           |       |          |           |       |
| Michigan .....   | 68        | 1,799     | 207,918   | -         | -     | 55        | 1,795 | 254,558  | -         | -     |
| <b>Counties</b>  |           |           |           |           |       |           |       |          |           |       |
| Allegan .....  | 2         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Alpena .....   | 3         | 79        | 6,133     | -         | -     | 3         | 68    | (D)      | (NA)      | (NA)  |
| Antrim .....   | 4         | 37        | 2,205     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Arenac .....   | 2         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Calhoun .....  | 2         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clare .....  | 1         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clinton .....  | 3         | 94        | 10,400    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Eaton .....  | 2         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Genesee .....  | 3         | (D)       | 6,581     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Gratiot .....  | 1         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Hillsdale .....  | 1         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Houghton .....   | 1         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ionia .....  | 1         | (D)       | (D)       | -         | -     | 3         | 110   | 11,510   | -         | -     |
| Isabella .....   | 5         | 114       | 9,710     | -         | -     | 3         | 30    | 2,995    | -         | -     |
| Jackson .....  | 3         | 60        | 5,100     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kalamazoo .....  | 4         | (D)       | 3,320     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kent .....   | 1         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lenawee .....  | 5         | (D)       | 7,202     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mason .....  | 4         | 34        | 8,442     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montcalm .....   | 1         | (D)       | (D)       | -         | -     | 6         | 374   | 73,129   | -         | -     |
| Saginaw .....  | 3         | (D)       | 9,810     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair .....  | 2         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Joseph .....   | 1         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Sanilac .....  | 3         | 40        | 7,170     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee .....   | 4         | (D)       | 70,087    | -         | -     | 5         | (D)   | 104,950  | -         | -     |
| Tuscola .....  | 3         | 50        | 5,601     | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Washtenaw .....  | 2         | (D)       | (D)       | -         | -     | 4         | 47    | 2,330    | -         | -     |
| Wexford .....  | 1         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>RYEGRASS SEED (POUNDS)</b>  |           |           |           |           |       |           |       |          |           |       |
| <b>State Total</b>   |           |           |           |           |       |           |       |          |           |       |
| Michigan .....   | 2         | (D)       | (D)       | -         | -     | 6         | 176   | 17,900   | -         | -     |
| <b>Counties</b>  |           |           |           |           |       |           |       |          |           |       |
| Oceana .....   | 2         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>VETCH SEED (POUNDS)</b>   |           |           |           |           |       |           |       |          |           |       |
| <b>State Total</b>   |           |           |           |           |       |           |       |          |           |       |
| Michigan .....   | 2         | (D)       | (D)       | -         | -     | 2         | (D)   | (D)      | -         | -     |
| <b>Counties</b>  |           |           |           |           |       |           |       |          |           |       |
| Lapeer .....   | 2         | (D)       | (D)       | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>HAY - ALL HAY INCLUDING ALFALFA, OTHER TAME, SMALL GRAIN, AND WILD (TONS, DRY) (SEE TEXT)</b> |           |           |           |           |       |           |       |          |           |       |
| <b>State Total</b>   |           |           |           |           |       |           |       |          |           |       |
| Michigan .....   | 21,602    | 1,011,807 | 2,699,551 | 382       | 8,919 | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>  |           |           |           |           |       |           |       |          |           |       |
| Alcona .....   | 147       | 12,764    | 30,587    | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Alger .....  | 41        | 3,525     | 7,809     | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Allegan .....  | 645       | 21,492    | 63,084    | 10        | 104   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Alpena .....   | 311       | 19,020    | 48,148    | 3         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Antrim .....   | 137       | 8,209     | 19,446    | 5         | 138   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Arenac .....   | 132       | 5,190     | 14,917    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Baraga .....   | 51        | 4,659     | 7,650     | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Barry .....  | 483       | 20,475    | 54,807    | 13        | 173   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Bay .....  | 166       | 5,474     | 15,489    | 4         | 28    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Benzie .....   | 69        | 2,496     | 4,903     | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Berrien .....  | 231       | 5,598     | 17,741    | 4         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Branch .....   | 375       | 9,566     | 26,664    | 16        | 356   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Calhoun .....  | 483       | 15,178    | 42,502    | 3         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cass .....   | 333       | 11,519    | 31,524    | 7         | 135   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Charlevoix .....   | 180       | 9,750     | 21,088    | 4         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cheboygan .....  | 160       | 13,094    | 28,716    | 3         | 3     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Chippewa .....   | 248       | 29,773    | 56,667    | 3         | 155   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clare .....  | 261       | 16,304    | 37,672    | 6         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area   | 2002      |         |           |           |       | 1997      |         |           |           |       |
|---|-----------|---------|-----------|-----------|-------|-----------|---------|-----------|-----------|-------|
|   | Harvested |         |           | Irrigated |       | Harvested |         |           | Irrigated |       |
|   | Farms     | Acres   | Quantity  | Farms     | Acres | Farms     | Acres   | Quantity  | Farms     | Acres |
| <b>HAY - ALL HAY INCLUDING ALFALFA, OTHER TAME, SMALL GRAIN, AND WILD (TONS, DRY) (SEE TEXT) - Con.</b> |           |         |           |           |       |           |         |           |           |       |
| <b>Counties - Con.</b>  |           |         |           |           |       |           |         |           |           |       |
| Clinton   | 401       | 13,884  | 43,898    | 5         | 49    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Crawford  | 11        | 297     | 445       | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Delta   | 184       | 16,192  | 38,632    | 4         | 51    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Dickinson   | 76        | 5,311   | 13,164    | 4         | 21    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Eaton   | 460       | 15,073  | 45,920    | 4         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Emmet   | 161       | 12,898  | 29,051    | 6         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Genesee   | 398       | 13,332  | 34,724    | 9         | 50    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Gladwin   | 323       | 15,956  | 35,632    | 5         | 48    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Gogebic   | 26        | 1,025   | 1,681     | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Grand Traverse  | 177       | 10,663  | 26,111    | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Gratiot   | 268       | 8,986   | 28,925    | 7         | 125   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Hillsdale   | 494       | 16,806  | 46,423    | 7         | 206   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Houghton  | 82        | 6,432   | 14,604    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Huron   | 339       | 17,982  | 68,354    | 3         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Ingham  | 429       | 13,513  | 44,047    | 10        | 113   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Ionia   | 510       | 19,219  | 62,924    | 4         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Iosco   | 179       | 10,577  | 29,772    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Iron  | 65        | 5,351   | (D)       | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Isabella  | 475       | 29,630  | 92,627    | 9         | 104   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Jackson   | 582       | 22,189  | 61,192    | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Kalamazoo   | 256       | 8,671   | 23,012    | 12        | 333   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Kalkaska  | 71        | 3,517   | (D)       | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Kent  | 542       | 21,126  | 62,491    | 12        | 118   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Keweenaw  | 3         | 49      | 42        | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Lake  | 89        | 5,430   | 13,102    | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Lapeer  | 590       | 27,499  | 76,334    | 4         | 50    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Leelanau  | 104       | 4,835   | 11,070    | 8         | 272   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Lenawee   | 318       | 11,414  | 34,061    | 3         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Livingston  | 321       | 11,170  | 28,760    | 3         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Luce  | 20        | 3,086   | (D)       | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Mackinac  | 52        | 5,551   | 11,263    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Macomb  | 142       | 4,936   | 15,207    | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Manistee  | 175       | 9,461   | 17,446    | 4         | 112   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Marquette   | 73        | 5,634   | 11,531    | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Mason   | 219       | 12,974  | 34,561    | 3         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Mecosta   | 454       | 28,937  | 70,449    | 8         | 159   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Menominee   | 227       | 19,796  | 54,781    | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Midland   | 164       | 6,549   | 18,159    | 5         | 54    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Missaukee   | 255       | 21,770  | 53,507    | 6         | 324   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Monroe  | 240       | 5,333   | 14,957    | 8         | 56    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Montcalm  | 549       | 22,717  | 63,930    | 8         | 108   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Montmorency   | 91        | 4,618   | 9,520     | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Muskegon  | 224       | 8,584   | 22,004    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Newaygo   | 507       | 21,352  | 54,520    | 10        | 233   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Oakland   | 157       | 6,197   | 11,562    | 6         | 99    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Oceana  | 294       | 13,238  | 31,350    | 4         | 60    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Ogemaw  | 184       | 15,881  | 48,607    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Ontonagon   | 84        | 8,704   | 15,720    | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Oscoda  | 380       | 35,544  | 91,616    | 5         | 708   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Oscoda  | 87        | 4,653   | 9,948     | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Otsego  | 87        | 9,476   | 23,823    | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Ottawa  | 496       | 17,444  | 52,462    | 5         | 142   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Presque Isle  | 196       | 13,693  | 29,293    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Roscommon   | 24        | 1,485   | (D)       | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Saginaw   | 279       | 6,671   | 19,125    | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| St. Clair   | 550       | 17,382  | 37,554    | 13        | 270   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| St. Joseph  | 359       | 11,080  | 32,296    | 20        | 910   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Sanilac   | 677       | 37,259  | 124,019   | 13        | 104   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Schoolcraft   | 35        | 3,608   | (D)       | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Shiawassee  | 402       | 12,784  | 38,925    | 6         | 71    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Tuscola   | 439       | 14,995  | 48,120    | 7         | 63    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Van Buren   | 331       | 10,806  | 29,334    | 13        | 321   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Washtenaw   | 525       | 16,799  | 50,711    | 10        | 106   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Wayne   | 58        | 1,227   | (D)       | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Wexford   | 179       | 8,470   | 18,806    | 3         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| <b>ALFALFA HAY (TONS, DRY)</b>  |           |         |           |           |       |           |         |           |           |       |
| <b>State Total</b>  |           |         |           |           |       |           |         |           |           |       |
| Michigan  | 18,122    | 806,713 | 2,355,909 | 305       | 7,580 | 19,436    | 843,667 | 2,091,611 | 227       | 7,688 |
| <b>Counties</b>   |           |         |           |           |       |           |         |           |           |       |
| Alcona  | 123       | 10,389  | 28,198    | -         | -     | 154       | 12,007  | 23,039    | -         | -     |
| Alger   | 25        | 2,199   | 4,909     | 1         | (D)   | 34        | 2,943   | 5,097     | -         | -     |
| Allegan   | 497       | 16,665  | 54,275    | 6         | 93    | 530       | 18,805  | 56,282    | 8         | (D)   |
| Alpena  | 292       | 17,495  | 45,951    | 3         | (D)   | 306       | 16,271  | 31,832    | 1         | (D)   |
| Antrim  | 115       | 6,920   | 17,715    | 4         | (D)   | 119       | 7,597   | 14,214    | 2         |       |
| Arenac  | 115       | 4,483   | 13,983    | -         | -     | 110       | 5,859   | 14,441    | -         | -     |
| Baraga  | 23        | 1,721   | 4,322     | 1         | (D)   | 20        | 1,631   | 2,449     | -         | -     |
| Barry   | 396       | 16,832  | 50,254    | 10        | 162   | 455       | 19,869  | 53,905    | 5         | 292   |
| Bay   | 131       | 4,384   | 13,908    | 4         | 28    | 141       | 4,107   | 13,002    | 2         | (D)   |
| Benzie  | 55        | 2,152   | 4,538     | 2         | (D)   | 52        | 1,426   | 2,110     | -         | -     |
| Berrien   | 200       | 4,913   | 16,383    | 4         | (D)   | 235       | 6,399   | 19,554    | 4         | 26    |
| Branch  | 335       | 8,545   | 24,840    | 12        | 328   | 377       | 8,892   | 24,979    | 12        | (D)   |
| Calhoun   | 410       | 11,896  | 35,012    | 1         | (D)   | 472       | 14,006  | 36,497    | 5         | (D)   |
| Cass  | 293       | 8,851   | 25,599    | 7         | (D)   | 321       | 10,610  | 24,998    | 4         | (D)   |
| Charlevoix  | 156       | 8,405   | 19,267    | 3         | (D)   | 135       | 7,150   | 13,723    | -         | -     |
| Cheboygan   | 140       | 9,798   | 23,398    | 3         | 3     | 146       | 10,717  | 17,591    | -         | -     |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                       | 2002      |        |          |           |       | 1997      |        |          |           |       |
|---------------------------------------|-----------|--------|----------|-----------|-------|-----------|--------|----------|-----------|-------|
|                                       | Harvested |        |          | Irrigated |       | Harvested |        |          | Irrigated |       |
|                                       | Farms     | Acres  | Quantity | Farms     | Acres | Farms     | Acres  | Quantity | Farms     | Acres |
| <b>ALFALFA HAY (TONS, DRY) - Con.</b> |           |        |          |           |       |           |        |          |           |       |
| <b>Counties - Con.</b>                |           |        |          |           |       |           |        |          |           |       |
| Chippewa . . . . .                    | 66        | 4,462  | 10,043   | -         | -     | 43        | 3,292  | 4,152    | -         | -     |
| Clare . . . . .                       | 206       | 12,471 | 33,222   | 3         | (D)   | 227       | 12,259 | 21,980   | 1         | (D)   |
| Clinton . . . . .                     | 375       | 12,775 | 42,180   | 3         | (D)   | 446       | 14,608 | 48,665   | 5         | (D)   |
| Crawford . . . . .                    | 7         | 113    | 222      | -         | -     | 14        | (D)    | (D)      | 2         | (D)   |
| Delta . . . . .                       | 136       | 11,657 | 31,322   | 4         | 51    | 148       | 11,221 | 21,647   | 1         | (D)   |
| Dickinson . . . . .                   | 61        | 4,345  | 11,622   | 4         | 21    | 63        | 3,399  | 6,372    | -         | -     |
| Eaton . . . . .                       | 400       | 12,959 | 41,779   | 4         | (D)   | 452       | 12,501 | 35,709   | 9         | 125   |
| Emmet . . . . .                       | 146       | 11,543 | 27,371   | 6         | (D)   | 146       | 9,261  | 15,398   | 3         | -     |
| Genesee . . . . .                     | 329       | 11,011 | 30,665   | 4         | (D)   | 367       | 10,222 | 23,491   | 2         | (D)   |
| Gladwin . . . . .                     | 253       | 10,949 | 27,828   | 3         | (D)   | 254       | 11,823 | 24,168   | -         | -     |
| Goebig . . . . .                      | 6         | 371    | 679      | -         | -     | 15        | 424    | 820      | -         | -     |
| Grand Traverse . . . . .              | 164       | 9,850  | 24,681   | -         | -     | 172       | 9,205  | 18,534   | 2         | (D)   |
| Gratiot . . . . .                     | 246       | 8,203  | 27,482   | 6         | (D)   | 236       | 8,574  | 24,826   | 2         | (D)   |
| Hillsdale . . . . .                   | 443       | 14,715 | 42,891   | 7         | (D)   | 423       | 14,480 | 45,106   | 5         | 247   |
| Houghton . . . . .                    | 36        | 2,978  | 9,769    | 1         | (D)   | 51        | 3,305  | 6,362    | -         | -     |
| Huron . . . . .                       | 317       | 16,513 | 65,828   | 2         | (D)   | 422       | 16,928 | 51,641   | 4         | (D)   |
| Ingham . . . . .                      | 398       | 12,240 | 41,898   | 10        | (D)   | 397       | 14,341 | 42,066   | 2         | (D)   |
| Ionia . . . . .                       | 469       | 17,173 | 59,187   | 4         | (D)   | 472       | 17,595 | 57,417   | 4         | (D)   |
| Iosco . . . . .                       | 133       | 8,311  | 26,009   | 1         | (D)   | 130       | 7,313  | 16,716   | 6         | 448   |
| Iron . . . . .                        | 20        | 1,349  | 3,370    | 2         | (D)   | 20        | 1,022  | 2,115    | -         | -     |
| Isabella . . . . .                    | 412       | 27,176 | 89,389   | 6         | 84    | 479       | 28,633 | 76,745   | 2         | (D)   |
| Jackson . . . . .                     | 503       | 18,590 | 56,120   | 2         | (D)   | 495       | 18,589 | 49,850   | 2         | (D)   |
| Kalamazoo . . . . .                   | 208       | 7,141  | 20,277   | 10        | (D)   | 250       | 8,007  | 22,026   | 3         | (D)   |
| Kalkaska . . . . .                    | 63        | 3,185  | 6,013    | 1         | (D)   | 62        | 3,335  | 4,564    | -         | -     |
| Kent . . . . .                        | 463       | 17,356 | 54,784   | 9         | 76    | 560       | 21,657 | 56,104   | 3         | 84    |
| Keweenaw . . . . .                    | 3         | 49     | 42       | -         | -     | 7         | (D)    | (D)      | -         | -     |
| Lake . . . . .                        | 54        | 3,796  | 10,473   | -         | -     | 70        | 4,389  | 8,848    | -         | -     |
| Lapeer . . . . .                      | 533       | 23,847 | 70,655   | 4         | 50    | 582       | 22,952 | 60,314   | 2         | (D)   |
| Leelanau . . . . .                    | 90        | 4,267  | 10,212   | 6         | (D)   | 106       | 4,386  | 8,811    | 2         | (D)   |
| Lenawee . . . . .                     | 295       | 10,329 | 31,466   | 1         | (D)   | 339       | 9,123  | 29,635   | 1         | (D)   |
| Livingston . . . . .                  | 292       | 9,918  | 26,911   | 2         | (D)   | 314       | 12,334 | 29,804   | 3         | 35    |
| Luce . . . . .                        | 16        | 2,358  | 7,207    | -         | -     | 18        | 1,725  | 3,168    | -         | -     |
| Mackinac . . . . .                    | 26        | 1,908  | 4,740    | 1         | (D)   | 31        | 2,573  | 4,612    | 1         | (D)   |
| Macomb . . . . .                      | 97        | 3,375  | 12,712   | 2         | (D)   | 110       | 3,536  | 9,257    | 3         | (D)   |
| Manistee . . . . .                    | 157       | 7,357  | 14,018   | 4         | (D)   | 144       | 5,847  | 8,928    | 2         | (D)   |
| Marquette . . . . .                   | 29        | 3,294  | 8,491    | -         | -     | 25        | 1,847  | 4,251    | -         | -     |
| Mason . . . . .                       | 169       | 10,607 | 30,643   | 1         | (D)   | 176       | 8,984  | 19,781   | 2         | (D)   |
| Mecosta . . . . .                     | 387       | 23,617 | 62,895   | 6         | (D)   | 408       | 26,159 | 53,492   | 6         | 295   |
| Menominee . . . . .                   | 194       | 16,961 | 49,670   | 1         | (D)   | 227       | 19,245 | 46,727   | -         | -     |
| Midland . . . . .                     | 114       | 4,054  | 12,312   | 5         | (D)   | 138       | 3,718  | 8,653    | -         | -     |
| Missaukee . . . . .                   | 215       | 16,485 | 45,507   | 6         | (D)   | 202       | 17,290 | 43,114   | 5         | (D)   |
| Monroe . . . . .                      | 213       | 4,638  | 13,152   | 8         | 56    | 211       | 3,535  | 11,929   | -         | -     |
| Montcalm . . . . .                    | 516       | 20,542 | 60,284   | 8         | 108   | 551       | 20,869 | 50,858   | 10        | 462   |
| Montmorency . . . . .                 | 83        | 4,313  | 9,116    | 1         | (D)   | 76        | 4,718  | 8,689    | -         | -     |
| Muskegon . . . . .                    | 166       | 6,660  | 18,493   | 1         | (D)   | 181       | 6,933  | 17,866   | 1         | (D)   |
| Newaygo . . . . .                     | 426       | 18,608 | 51,257   | 7         | (D)   | 417       | 19,629 | 49,672   | 4         | (D)   |
| Oakland . . . . .                     | 110       | 4,152  | 9,016    | -         | -     | 154       | 6,380  | 15,335   | 4         | (D)   |
| Oceana . . . . .                      | 266       | 11,123 | 28,515   | 4         | 60    | 260       | 10,004 | 24,041   | 6         | 154   |
| Ogemaw . . . . .                      | 161       | 13,776 | 45,489   | 1         | (D)   | 198       | 16,341 | 40,408   | -         | -     |
| Ontonagon . . . . .                   | 20        | 2,126  | 5,751    | -         | -     | 15        | 685    | 1,008    | -         | -     |
| Osceola . . . . .                     | 312       | 28,158 | 77,772   | 4         | (D)   | 323       | 28,301 | 56,793   | 5         | (D)   |
| Oscoda . . . . .                      | 78        | 3,780  | 8,911    | -         | -     | 56        | 3,134  | 5,683    | -         | -     |
| Otsego . . . . .                      | 81        | 8,600  | 21,950   | -         | -     | 84        | 8,401  | 11,921   | -         | -     |
| Ottawa . . . . .                      | 381       | 13,770 | 44,484   | 4         | (D)   | 443       | 15,552 | 43,928   | 5         | (D)   |
| Presque Isle . . . . .                | 173       | 11,551 | 26,305   | 1         | (D)   | 218       | 15,268 | 29,312   | 3         | 88    |
| Roscommon . . . . .                   | 18        | 1,149  | 2,346    | -         | -     | 13        | 983    | 1,808    | 3         | 180   |
| Saginaw . . . . .                     | 256       | 5,477  | 17,773   | 2         | (D)   | 253       | 5,888  | 18,044   | -         | -     |
| St. Clair . . . . .                   | 362       | 10,211 | 23,951   | 10        | 230   | 367       | 12,438 | 28,330   | 5         | (D)   |
| St. Joseph . . . . .                  | 338       | 10,152 | 29,945   | 20        | (D)   | 346       | 9,550  | 25,081   | 27        | 719   |
| Sanilac . . . . .                     | 597       | 32,690 | 114,823  | 11        | (D)   | 683       | 35,104 | 110,115  | 7         | 189   |
| Schoolcraft . . . . .                 | 29        | 2,984  | 7,285    | -         | -     | 23        | 2,288  | 3,340    | -         | -     |
| Shiawassee . . . . .                  | 365       | 11,321 | 35,575   | 5         | (D)   | 350       | 12,242 | 32,507   | -         | -     |
| Tuscola . . . . .                     | 401       | 13,653 | 45,951   | 6         | (D)   | 405       | 13,096 | 39,984   | 2         | (D)   |
| Van Buren . . . . .                   | 272       | 8,917  | 25,603   | 11        | (D)   | 281       | 9,668  | 24,606   | 8         | (D)   |
| Washtenaw . . . . .                   | 458       | 14,582 | 47,224   | 6         | 94    | 485       | 17,374 | 51,330   | 4         | (D)   |
| Wayne . . . . .                       | 41        | 554    | 1,596    | -         | -     | 37        | 1,050  | 2,831    | 2         | (D)   |
| Wexford . . . . .                     | 162       | 7,920  | 18,205   | 3         | (D)   | 158       | 9,589  | 16,208   | 3         | (D)   |
| <b>SMALL GRAIN HAY (TONS, DRY)</b>    |           |        |          |           |       |           |        |          |           |       |
| <b>State Total</b>                    |           |        |          |           |       |           |        |          |           |       |
| Michigan . . . . .                    | 860       | 20,572 | 33,327   | 26        | 142   | 1,178     | 24,115 | 39,248   | 16        | (D)   |
| <b>Counties</b>                       |           |        |          |           |       |           |        |          |           |       |
| Alcona . . . . .                      | 7         | 209    | 846      | -         | -     | 7         | 117    | 115      | -         | -     |
| Alger . . . . .                       | 3         | 55     | (D)      | 1         | (D)   | 3         | (D)    | (D)      | -         | -     |
| Allegan . . . . .                     | 26        | 573    | 1,240    | 1         | (D)   | 32        | 560    | 1,081    | -         | -     |
| Alpena . . . . .                      | 4         | 62     | 74       | -         | -     | 15        | 281    | 601      | -         | -     |
| Antrim . . . . .                      | 5         | 173    | 268      | -         | -     | 4         | 57     | 64       | -         | -     |
| Arenac . . . . .                      | 4         | 61     | 88       | -         | -     | 5         | 203    | 478      | -         | -     |
| Baraga . . . . .                      | 8         | 140    | 104      | 1         | (D)   | 4         | (D)    | (D)      | -         | -     |
| Barry . . . . .                       | 20        | 313    | 407      | 1         | (D)   | 20        | 607    | 1,265    | 1         | (D)   |
| Bay . . . . .                         | 8         | 147    | 164      | -         | -     | 6         | 118    | 266      | -         | -     |
| Benzie . . . . .                      | 10        | 103    | (D)      | 1         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Berrien . . . . .                     | 8         | 202    | 432      | -         | -     | 10        | 143    | 152      | -         | -     |
| Branch . . . . .                      | 12        | 173    | 344      | -         | -     | 20        | 341    | 672      | 1         | (D)   |
| Calhoun . . . . .                     | 12        | 253    | 319      | 1         | (D)   | 27        | 394    | 472      | -         | -     |
| Cass . . . . .                        | 13        | 715    | 2,081    | -         | -     | 18        | 366    | 448      | 1         | (D)   |
| Charlevoix . . . . .                  | 5         | 65     | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Cheboygan . . . . .                   | 7         | 412    | (D)      | -         | -     | 8         | 135    | 207      | -         | -     |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                           | 2002      |         |          |           |       | 1997      |         |          |           |       |
|---|-----------|---------|----------|-----------|-------|-----------|---------|----------|-----------|-------|
|   | Harvested |         |          | Irrigated |       | Harvested |         |          | Irrigated |       |
|   | Farms     | Acres   | Quantity | Farms     | Acres | Farms     | Acres   | Quantity | Farms     | Acres |
| <b>SMALL GRAIN HAY (TONS, DRY) - Con.</b> |           |         |          |           |       |           |         |          |           |       |
| <b>Counties - Con.</b>                    |           |         |          |           |       |           |         |          |           |       |
| Chippewa                                  | 5         | 192     | 402      | 1         | (D)   | 23        | 923     | 684      | -         | -     |
| Clare                                     | 19        | 796     | 971      | 1         | (D)   | 20        | 368     | 596      | 2         | (D)   |
| Clinton                                   | 8         | 378     | 369      | -         | -     | 28        | 495     | 765      | 2         | (D)   |
| Delta                                     | 11        | 474     | 807      | -         | -     | 13        | 164     | 249      | -         | -     |
| Dickinson                                 | 2         | (D)     | (D)      | -         | -     | 7         | 419     | 1,032    | -         | -     |
| Eaton                                     | 23        | 186     | 295      | -         | -     | 27        | 406     | 753      | -         | -     |
| Emmet                                     | 5         | 139     | 211      | -         | -     | 4         | 155     | 206      | 1         | (D)   |
| Genesee                                   | 12        | 394     | 820      | 2         | (D)   | 10        | 49      | 85       | -         | -     |
| Gladwin                                   | 18        | 206     | 172      | 2         | (D)   | 29        | 498     | 442      | -         | -     |
| Gogebic                                   | 2         | (D)     | -        | -         | (NA)  | (NA)      | (NA)    | (NA)     | (NA)      | (NA)  |
| Grand Traverse                            | 6         | (D)     | (D)      | -         | -     | 6         | 71      | 101      | -         | -     |
| Gratiot                                   | 11        | 238     | 169      | 1         | (D)   | 14        | 287     | 440      | -         | -     |
| Hillsdale                                 | 27        | 546     | 593      | 1         | (D)   | 22        | 339     | 447      | -         | -     |
| Houghton                                  | 7         | 336     | 608      | -         | -     | 3         | 5       | 8        | -         | -     |
| Huron                                     | 24        | 996     | 1,805    | 1         | (D)   | 30        | 812     | 1,319    | 1         | (D)   |
| Ingham                                    | 6         | 164     | 166      | -         | -     | 18        | 342     | 1,044    | -         | -     |
| Ionia                                     | 14        | 228     | 238      | -         | -     | 30        | 593     | 1,197    | -         | -     |
| Iosco                                     | 9         | 167     | 367      | -         | -     | 7         | 214     | 195      | -         | -     |
| Iron                                      | 5         | 27      | (D)      | -         | -     | 4         | (D)     | (D)      | -         | -     |
| Isabella                                  | 19        | 339     | 617      | 1         | (D)   | 31        | 519     | 965      | -         | -     |
| Jackson                                   | 23        | 851     | 1,292    | -         | -     | 40        | 739     | 1,102    | -         | -     |
| Kalamazoo                                 | 11        | 271     | 670      | -         | -     | 6         | 87      | 90       | -         | -     |
| Kalkaska                                  | 1         | (D)     | (D)      | -         | -     | (NA)      | (NA)    | (NA)     | (NA)      | (NA)  |
| Kent                                      | 26        | 414     | 430      | -         | -     | 13        | 343     | 787      | -         | -     |
| Lake                                      | 10        | 63      | 70       | -         | -     | 5         | 66      | 102      | -         | -     |
| Lapeer                                    | 26        | 523     | 496      | -         | -     | 21        | 534     | 1,060    | 2         | (D)   |
| Leelanau                                  | 4         | 112     | 201      | -         | -     | (NA)      | (NA)    | (NA)     | (NA)      | (NA)  |
| Lenawee                                   | 12        | 197     | 195      | 2         | (D)   | 12        | 336     | 308      | -         | -     |
| Livingston                                | 6         | 147     | 143      | -         | -     | 16        | 268     | 341      | 2         | (D)   |
| Luce                                      | 1         | (D)     | (D)      | -         | -     | 3         | 143     | (D)      | -         | -     |
| Mackinac                                  | 3         | 28      | (D)      | -         | -     | 5         | 265     | 464      | -         | -     |
| Macomb                                    | 7         | 159     | 222      | -         | -     | 9         | 114     | 101      | -         | -     |
| Manistee                                  | 10        | 81      | 187      | -         | -     | 4         | 100     | 100      | -         | -     |
| Marquette                                 | 4         | (D)     | (D)      | -         | -     | 3         | (D)     | (D)      | -         | -     |
| Mason                                     | 12        | 398     | 874      | 2         | (D)   | 13        | 176     | 275      | -         | -     |
| Mecosta                                   | 31        | 741     | 1,426    | -         | -     | 31        | 631     | 765      | 1         | (D)   |
| Menominee                                 | 15        | 468     | 911      | 1         | (D)   | 19        | 743     | 1,282    | -         | -     |
| Midland                                   | 10        | 207     | 435      | -         | -     | 15        | 190     | 328      | -         | -     |
| Missaukee                                 | 10        | 287     | 265      | -         | -     | 12        | 373     | 607      | -         | -     |
| Monroe                                    | 6         | 174     | 510      | -         | -     | 12        | 134     | 189      | 2         | (D)   |
| Montcalm                                  | 13        | 287     | 265      | -         | -     | 35        | 736     | 933      | -         | -     |
| Montmorency                               | 2         | (D)     | (D)      | -         | -     | 9         | 228     | 136      | -         | -     |
| Muskegon                                  | 9         | 130     | 208      | -         | -     | 19        | 328     | 463      | -         | -     |
| Newaygo                                   | 10        | 329     | 298      | 1         | (D)   | 16        | 166     | 129      | -         | -     |
| Oakland                                   | 4         | 100     | 299      | -         | -     | 6         | 133     | (D)      | -         | -     |
| Oceana                                    | 13        | 224     | 240      | -         | -     | 20        | 401     | 479      | -         | -     |
| Ogemaw                                    | 15        | 642     | 814      | -         | -     | 20        | 730     | 1,187    | -         | -     |
| Ontonagon                                 | 2         | (D)     | (D)      | -         | -     | 9         | 54      | 123      | -         | -     |
| Oscoda                                    | 10        | 208     | 248      | 1         | (D)   | 14        | 375     | 615      | -         | -     |
| Otsego                                    | 11        | 386     | (D)      | -         | -     | 7         | 148     | 56       | -         | -     |
| Ottawa                                    | 27        | 641     | 1,185    | -         | -     | 33        | 461     | 583      | -         | -     |
| Presque Isle                              | 7         | 127     | 152      | -         | -     | 6         | 103     | 174      | -         | -     |
| Saginaw                                   | 8         | 140     | 174      | -         | -     | 12        | 196     | 462      | -         | -     |
| St. Clair                                 | 11        | 244     | 420      | -         | -     | 20        | 298     | 626      | -         | -     |
| St. Joseph                                | 16        | (D)     | (D)      | -         | -     | 42        | 388     | 675      | -         | -     |
| Sanilac                                   | 26        | 994     | 1,359    | -         | -     | 51        | 1,513   | 3,242    | -         | -     |
| Shiawassee                                | 18        | 172     | 345      | 1         | (D)   | 10        | 203     | 358      | -         | -     |
| Tuscola                                   | 12        | 170     | 321      | -         | -     | 36        | 582     | 1,149    | -         | -     |
| Van Buren                                 | 8         | 116     | 130      | -         | -     | 12        | 168     | 342      | -         | -     |
| Washtenaw                                 | 19        | 299     | 396      | 2         | (D)   | 29        | 607     | 1,039    | -         | -     |
| Wayne                                     | 1         | (D)     | (D)      | -         | -     | (NA)      | (NA)    | (NA)     | (NA)      | (NA)  |
| Wexford                                   | 5         | 57      | 44       | -         | -     | 13        | 208     | 286      | -         | -     |
| <b>OTHER TAME HAY (TONS, DRY)</b>         |           |         |          |           |       |           |         |          |           |       |
| <b>State Total</b>                        |           |         |          |           |       |           |         |          |           |       |
| Michigan                                  | 3,762     | 149,403 | 267,751  | 65        | 1,149 | 4,887     | 189,694 | 303,444  | 25        | 493   |
| <b>Counties</b>                           |           |         |          |           |       |           |         |          |           |       |
| Alcona                                    | 25        | 1,788   | 1,202    | 1         | (D)   | 32        | 1,266   | 1,445    | -         | -     |
| Alger                                     | 18        | 971     | 1,651    | -         | -     | 17        | 1,097   | 1,458    | -         | -     |
| Allegan                                   | 124       | 3,162   | 6,434    | 1         | (D)   | 137       | 3,226   | 5,111    | -         | -     |
| Alpena                                    | 28        | 1,187   | 1,706    | -         | -     | 56        | 1,926   | 2,590    | -         | -     |
| Antrim                                    | 29        | 920     | 1,227    | 1         | (D)   | 30        | 1,039   | 1,657    | -         | -     |
| Arenac                                    | 15        | 296     | 429      | -         | -     | 24        | 791     | 887      | -         | -     |
| Baraga                                    | 22        | 2,711   | 3,136    | -         | -     | 35        | 2,424   | 2,940    | 1         | (D)   |
| Barry                                     | 85        | 1,890   | 2,778    | 2         | (D)   | 89        | 2,636   | 5,333    | 1         | (D)   |
| Bay                                       | 32        | 718     | 1,148    | -         | -     | 32        | 607     | 1,086    | -         | -     |
| Benzie                                    | 5         | 109     | (D)      | -         | -     | 7         | 215     | 395      | -         | -     |
| Berrien                                   | 26        | 379     | 781      | 1         | (D)   | 40        | 593     | 1,397    | -         | -     |
| Branch                                    | 36        | 547     | 1,147    | 4         | 28    | 73        | 1,394   | 2,272    | -         | -     |
| Calhoun                                   | 85        | 2,636   | 6,543    | 1         | (D)   | 75        | 1,692   | 3,364    | 1         | (D)   |
| Cass                                      | 49        | 1,232   | 2,665    | 1         | (D)   | 51        | 1,165   | 1,893    | -         | -     |
| Charlevoix                                | 18        | 455     | 820      | 1         | (D)   | 18        | 404     | 361      | -         | -     |
| Cheboygan                                 | 37        | 2,613   | 4,079    | -         | -     | 52        | 2,041   | 2,922    | -         | -     |
| Chippewa                                  | 187       | 24,384  | 45,254   | 2         | (D)   | 251       | 34,060  | 40,619   | 2         | (D)   |
| Clare                                     | 70        | 2,882   | 3,374    | 2         | (D)   | 84        | 3,019   | 4,753    | -         | -     |
| Clinton                                   | 31        | 579     | 1,073    | 2         | (D)   | 56        | 1,351   | 2,561    | -         | -     |
| Crawford                                  | 5         | 184     | 223      | -         | -     | 7         | (D)     | (D)      | -         | -     |
| Delta                                     | 47        | 3,314   | 5,874    | -         | -     | 74        | 4,601   | 6,392    | -         | -     |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                          | 2002      |        |          |           |       | 1997      |        |          |           |       |
|--|-----------|--------|----------|-----------|-------|-----------|--------|----------|-----------|-------|
|  | Harvested |        |          | Irrigated |       | Harvested |        |          | Irrigated |       |
|  | Farms     | Acres  | Quantity | Farms     | Acres | Farms     | Acres  | Quantity | Farms     | Acres |
| <b>OTHER TAME HAY (TONS, DRY) - Con.</b> |           |        |          |           |       |           |        |          |           |       |
| <b>Counties - Con.</b>                   |           |        |          |           |       |           |        |          |           |       |
| Dickinson                                | 18        | 672    | 1,112    | -         | -     | 29        | 909    | 1,418    | -         | -     |
| Eaton                                    | 76        | 1,666  | 3,454    | -         | -     | 99        | 2,328  | 4,597    | -         | -     |
| Emmet                                    | 20        | 1,132  | 1,407    | 1         | (D)   | 20        | 892    | 1,337    | -         | -     |
| Genesee                                  | 82        | 1,587  | 2,905    | 3         | 30    | 93        | 2,393  | 4,013    | -         | -     |
| Gladwin                                  | 65        | 3,822  | 6,665    | -         | -     | 101       | 3,477  | 4,978    | -         | -     |
| Gogebic                                  | 13        | 493    | 733      | -         | -     | 23        | 814    | 931      | -         | -     |
| Grand Traverse                           | 19        | 670    | 1,273    | -         | -     | 17        | 506    | 867      | -         | -     |
| Gratiot                                  | 20        | 411    | 1,008    | -         | -     | 32        | 742    | 1,069    | -         | -     |
| Hillsdale                                | 58        | 1,126  | 2,141    | 1         | (D)   | 73        | 1,715  | 3,778    | -         | -     |
| Houghton                                 | 50        | 2,882  | 4,003    | -         | -     | 56        | 3,195  | 4,207    | -         | -     |
| Huron                                    | 16        | 243    | 451      | -         | -     | 38        | 1,022  | 2,542    | -         | -     |
| Ingham                                   | 43        | 769    | 1,645    | 1         | (D)   | 79        | 1,297  | 2,841    | -         | -     |
| Ionia                                    | 67        | 1,127  | 2,246    | -         | -     | 77        | 1,411  | 2,377    | -         | -     |
| Iosco                                    | 43        | 1,427  | 2,486    | -         | -     | 51        | 2,281  | 3,496    | -         | -     |
| Iron                                     | 51        | 3,702  | 6,083    | 2         | (D)   | 48        | 4,341  | 6,949    | -         | -     |
| Isabella                                 | 57        | 1,090  | 1,632    | 4         | (D)   | 92        | 2,282  | 3,384    | -         | -     |
| Jackson                                  | 74        | 1,479  | 2,286    | -         | -     | 80        | 1,738  | 2,620    | -         | -     |
| Kalamazoo                                | 51        | 1,137  | 1,906    | 2         | (D)   | 53        | 1,248  | 2,492    | -         | -     |
| Kalkaska                                 | 6         | (D)    | 102      | -         | -     | 8         | (D)    | (D)      | -         | -     |
| Kent                                     | 83        | 2,194  | 5,546    | 3         | 42    | 86        | 2,133  | 3,673    | -         | -     |
| Lake                                     | 28        | 1,310  | 2,304    | -         | -     | 41        | 2,058  | 2,740    | -         | -     |
| Lapeer                                   | 83        | 2,328  | 4,070    | -         | -     | 143       | 3,855  | 7,197    | 2         | (D)   |
| Leelanau                                 | 11        | 312    | 452      | 1         | (D)   | 11        | 254    | 354      | -         | -     |
| Lenawee                                  | 40        | 819    | 2,374    | -         | -     | 39        | 625    | 1,203    | -         | -     |
| Livingston                               | 46        | 788    | 1,284    | -         | -     | 62        | 1,490  | 2,620    | 2         | (D)   |
| Luce                                     | 10        | (D)    | 1,532    | -         | -     | 6         | 726    | 969      | -         | -     |
| Mackinac                                 | 32        | (D)    | (D)      | 1         | (D)   | 31        | 3,191  | 3,831    | -         | -     |
| Macomb                                   | 49        | 1,219  | 2,077    | -         | -     | 39        | 1,063  | 1,949    | -         | -     |
| Manistee                                 | 26        | 1,803  | 3,132    | 1         | (D)   | 37        | 832    | 1,037    | 2         | (D)   |
| Marquette                                | 48        | 2,128  | 2,775    | -         | -     | 41        | 2,704  | 4,763    | -         | -     |
| Mason                                    | 44        | 1,033  | 1,695    | -         | -     | 54        | 1,721  | 3,197    | -         | -     |
| Mecosta                                  | 57        | 2,740  | 4,029    | 2         | (D)   | 81        | 2,989  | 4,970    | -         | -     |
| Menominee                                | 34        | 1,684  | 3,152    | -         | -     | 59        | 3,428  | 5,340    | -         | -     |
| Midland                                  | 41        | 1,594  | 4,263    | 1         | (D)   | 43        | 1,355  | 1,431    | 2         | (D)   |
| Missaukee                                | 46        | 3,527  | 6,280    | 2         | (D)   | 52        | 3,389  | 6,248    | 1         | (D)   |
| Monroe                                   | 21        | 470    | 1,220    | -         | -     | 30        | 370    | 615      | -         | -     |
| Montcalm                                 | 51        | 1,569  | 3,121    | -         | -     | 70        | 2,138  | 4,315    | 2         | (D)   |
| Montmorency                              | 8         | 197    | 234      | -         | -     | 17        | 507    | 744      | -         | -     |
| Muskegon                                 | 65        | 1,555  | 3,040    | -         | -     | 66        | 1,586  | 3,031    | -         | -     |
| Newaygo                                  | 84        | 1,818  | 2,433    | 2         | (D)   | 111       | 3,565  | 6,153    | -         | -     |
| Oakland                                  | 42        | 1,286  | 1,367    | 5         | (D)   | 51        | 1,751  | 2,597    | -         | -     |
| Oceana                                   | 28        | 1,329  | 1,954    | -         | -     | 31        | 928    | 1,902    | 2         | (D)   |
| Ogemaw                                   | 21        | 1,112  | 1,776    | -         | -     | 41        | 2,292  | 3,442    | -         | -     |
| Ontonagon                                | 67        | 6,387  | 9,740    | 2         | (D)   | 73        | 8,238  | 15,455   | -         | -     |
| Oscoda                                   | 94        | 6,115  | 12,612   | 1         | (D)   | 110       | 7,148  | 11,353   | -         | -     |
| Oscoda                                   | 13        | 723    | 878      | -         | -     | 19        | 395    | 444      | -         | -     |
| Otsego                                   | 5         | (D)    | 1,300    | -         | -     | 18        | 513    | 494      | -         | -     |
| Ottawa                                   | 138       | 2,633  | 6,009    | 2         | (D)   | 198       | 4,441  | 8,979    | 3         | 30    |
| Presque Isle                             | 34        | 1,928  | 2,803    | -         | -     | 53        | 1,982  | 3,012    | -         | -     |
| Roscommon                                | 7         | (D)    | 137      | -         | -     | 8         | 687    | 591      | -         | -     |
| Saginaw                                  | 26        | 810    | 847      | -         | -     | 47        | 664    | 1,163    | -         | -     |
| St. Clair                                | 187       | 5,227  | 11,469   | 3         | 40    | 224       | 7,166  | 13,714   | 2         | (D)   |
| St. Joseph                               | 33        | 757    | 2,196    | -         | -     | 53        | 812    | 1,338    | 1         | (D)   |
| Sanilac                                  | 103       | 3,309  | 7,560    | 1         | (D)   | 157       | 4,859  | 11,129   | -         | -     |
| Schoolcraft                              | 9         | (D)    | (D)      | -         | -     | 13        | 901    | 1,656    | -         | -     |
| Shiawassee                               | 42        | 952    | 2,466    | -         | -     | 57        | 1,105  | 2,331    | -         | -     |
| Tuscola                                  | 36        | 702    | 1,267    | 1         | (D)   | 81        | 1,786  | 3,398    | -         | -     |
| Van Buren                                | 60        | 1,164  | 2,670    | 1         | (D)   | 70        | 1,784  | 3,886    | -         | -     |
| Washtenaw                                | 83        | 1,495  | 2,727    | 2         | (D)   | 102       | 2,141  | 4,609    | 1         | (D)   |
| Wayne                                    | 11        | (D)    | (D)      | -         | -     | 27        | 924    | 1,202    | -         | -     |
| Wexford                                  | 13        | 251    | 312      | 1         | (D)   | 25        | 691    | 659      | -         | -     |
| <b>WILD HAY (TONS, DRY)</b>              |           |        |          |           |       |           |        |          |           |       |
| <b>State Total</b>                       |           |        |          |           |       |           |        |          |           |       |
| Michigan                                 | 1,392     | 35,119 | 42,564   | 14        | 48    | 1,726     | 45,091 | 51,230   | 1         | (D)   |
| <b>Counties</b>                          |           |        |          |           |       |           |        |          |           |       |
| Alcona                                   | 10        | 378    | 341      | -         | -     | 10        | 381    | 303      | -         | -     |
| Alger                                    | 4         | 300    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Allegan                                  | 57        | 1,092  | 1,135    | 3         | (D)   | 50        | 747    | 983      | -         | -     |
| Alpena                                   | 14        | 276    | 417      | -         | -     | 24        | 707    | 560      | -         | -     |
| Antrim                                   | 11        | 196    | 236      | -         | -     | 14        | 279    | 234      | -         | -     |
| Arenac                                   | 13        | 350    | 417      | -         | -     | 11        | 385    | 600      | -         | -     |
| Baraga                                   | 5         | 87     | 88       | -         | -     | 7         | (D)    | (D)      | -         | -     |
| Barry                                    | 43        | 1,440  | 1,368    | -         | -     | 51        | 1,025  | 955      | -         | -     |
| Bay                                      | 12        | 225    | 269      | -         | -     | 26        | 464    | 352      | -         | -     |
| Benzie                                   | 8         | 132    | 167      | -         | -     | 6         | (D)    | (D)      | -         | -     |
| Berrien                                  | 8         | 104    | 145      | -         | -     | 14        | 256    | 386      | -         | -     |
| Branch                                   | 14        | 301    | 333      | -         | -     | 11        | 76     | 120      | -         | -     |
| Calhoun                                  | 21        | 393    | 628      | -         | -     | 34        | 481    | 685      | -         | -     |
| Cass                                     | 21        | 721    | 1,179    | -         | -     | 23        | 407    | 398      | -         | -     |
| Charlevoix                               | 22        | 825    | (D)      | -         | -     | 18        | (D)    | (D)      | -         | -     |
| Cheboygan                                | 9         | 271    | (D)      | -         | -     | 16        | 538    | 739      | -         | -     |
| Chippewa                                 | 23        | 735    | 968      | -         | -     | 34        | 2,649  | 2,090    | -         | -     |
| Clare                                    | 10        | 155    | 105      | -         | -     | 15        | 502    | 778      | -         | -     |
| Clinton                                  | 10        | 152    | 276      | -         | -     | 13        | 124    | 371      | -         | -     |
| Delta                                    | 25        | 747    | 629      | -         | -     | 29        | 1,676  | 1,698    | -         | -     |
| Dickinson                                | 8         | (D)    | (D)      | -         | -     | 12        | 296    | 210      | -         | -     |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area  | 2002      |         |           |           |       | 1997      |         |           |           |       |
|--|-----------|---------|-----------|-----------|-------|-----------|---------|-----------|-----------|-------|
|  | Harvested |         |           | Irrigated |       | Harvested |         |           | Irrigated |       |
|  | Farms     | Acres   | Quantity  | Farms     | Acres | Farms     | Acres   | Quantity  | Farms     | Acres |
| <b>WILD HAY (TONS, DRY) - Con.</b>   |           |         |           |           |       |           |         |           |           |       |
| <b>Counties - Con.</b>   |           |         |           |           |       |           |         |           |           |       |
| Eaton . . . . .  | 22        | 262     | 392       | -         | -     | 18        | 497     | 610       | -         | -     |
| Emmet . . . . .  | 5         | 84      | 62        | -         | -     | 14        | 460     | 401       | -         | -     |
| Genesee . . . . .  | 26        | 340     | 334       | -         | -     | 53        | 775     | 1,194     | -         | -     |
| Gladwin . . . . .  | 34        | 979     | 967       | -         | -     | 26        | 1,405   | 1,782     | -         | -     |
| Gogebic . . . . .  | 7         | (D)     | (D)       | -         | -     | 10        | 242     | 317       | -         | -     |
| Grand Traverse . . . . .   | 2         | (D)     | (D)       | -         | -     | 7         | 92      | 115       | -         | -     |
| Gratiot . . . . .  | 10        | 134     | 266       | -         | -     | 16        | 406     | 438       | -         | -     |
| Hillsdale . . . . .  | 25        | 419     | 798       | -         | -     | 17        | 376     | 488       | -         | -     |
| Houghton . . . . .   | 8         | 236     | 224       | -         | -     | 15        | 272     | 207       | 1         | (D)   |
| Huron . . . . .  | 12        | 230     | 270       | -         | -     | 14        | 173     | 205       | -         | -     |
| Ingham . . . . .   | 14        | 340     | 338       | -         | -     | 31        | 453     | 808       | -         | -     |
| Ionia . . . . .  | 18        | 691     | 1,253     | -         | -     | 44        | 1,169   | 969       | -         | -     |
| Iosco . . . . .  | 28        | 672     | 910       | -         | -     | 27        | 1,029   | 1,622     | -         | -     |
| Iron . . . . .   | 9         | 273     | 172       | -         | -     | 15        | 887     | 747       | -         | -     |
| Isabella . . . . .   | 33        | 1,025   | 989       | 2         | (D)   | 28        | 963     | 1,051     | -         | -     |
| Jackson . . . . .  | 38        | 1,269   | 1,494     | -         | -     | 31        | 786     | 634       | -         | -     |
| Kalamazoo . . . . .  | 12        | 122     | 159       | -         | -     | 15        | 363     | 700       | -         | -     |
| Kalkaska . . . . .   | 10        | 167     | 97        | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Kent . . . . .   | 33        | 1,162   | 1,731     | -         | -     | 53        | 904     | 1,387     | -         | -     |
| Lake . . . . .   | 10        | 261     | 255       | -         | -     | 15        | 463     | 431       | -         | -     |
| Lapeer . . . . .   | 32        | 801     | 1,113     | -         | -     | 59        | 1,335   | 1,803     | -         | -     |
| Leelanau . . . . .   | 10        | 144     | 205       | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Lenawee . . . . .  | 7         | 69      | 26        | -         | -     | 20        | 193     | 176       | -         | -     |
| Livingston . . . . .   | 11        | 317     | 422       | 1         | (D)   | 25        | 498     | 635       | -         | -     |
| Luce . . . . .   | 1         | (D)     | (D)       | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Mackinac . . . . .   | 1         | (D)     | (D)       | -         | -     | 6         | 412     | 232       | -         | -     |
| Macomb . . . . .   | 11        | 183     | 196       | -         | -     | 22        | 419     | 586       | -         | -     |
| Manistee . . . . .   | 5         | 210     | 109       | -         | -     | 12        | 342     | 316       | -         | -     |
| Marquette . . . . .  | 2         | (D)     | (D)       | -         | -     | 7         | (D)     | (D)       | -         | -     |
| Mason . . . . .  | 29        | 936     | 1,349     | -         | -     | 19        | 293     | 322       | -         | -     |
| Mecosta . . . . .  | 56        | 1,839   | 2,099     | -         | -     | 47        | 1,422   | 1,238     | -         | -     |
| Menominee . . . . .  | 15        | 683     | 1,048     | -         | -     | 21        | 493     | 681       | -         | -     |
| Midland . . . . .  | 27        | 694     | 1,149     | -         | -     | 25        | 1,134   | 1,177     | -         | -     |
| Missaukee . . . . .  | 21        | 1,471   | 1,455     | -         | -     | 16        | 1,328   | 1,287     | -         | -     |
| Monroe . . . . .   | 14        | 51      | 75        | -         | -     | 6         | 38      | 46        | -         | -     |
| Montcalm . . . . .   | 15        | 319     | 260       | -         | -     | 34        | 610     | 716       | -         | -     |
| Montmorency . . . . .  | 6         | (D)     | (D)       | -         | -     | 5         | 116     | 117       | -         | -     |
| Muskegon . . . . .   | 15        | 239     | 263       | -         | -     | 20        | 379     | 691       | -         | -     |
| Newaygo . . . . .  | 31        | 597     | 532       | -         | -     | 23        | 499     | 702       | -         | -     |
| Oakland . . . . .  | 22        | 659     | 880       | 1         | (D)   | 23        | 738     | (D)       | -         | -     |
| Oceana . . . . .   | 27        | 562     | 641       | -         | -     | 12        | 201     | 317       | -         | -     |
| Ogemaw . . . . .   | 10        | 351     | 528       | -         | -     | 22        | 936     | 726       | -         | -     |
| Ontonagon . . . . .  | 4         | (D)     | (D)       | -         | -     | 10        | 355     | 770       | -         | -     |
| Osceola . . . . .  | 35        | 1,063   | 984       | -         | -     | 52        | 1,482   | 1,301     | -         | -     |
| Oscoda . . . . .   | 11        | 150     | 159       | -         | -     | 7         | 232     | (D)       | -         | -     |
| Otsego . . . . .   | 1         | (D)     | (D)       | -         | -     | 8         | 421     | 357       | -         | -     |
| Ottawa . . . . .   | 18        | 400     | 784       | -         | -     | 44        | 789     | 1,148     | -         | -     |
| Presque Isle . . . . .   | 6         | 87      | 33        | -         | -     | 13        | 315     | 317       | -         | -     |
| Roscommon . . . . .  | 1         | (D)     | (D)       | -         | -     | 6         | (D)     | (D)       | -         | -     |
| Saginaw . . . . .  | 9         | 244     | 331       | -         | -     | 15        | 257     | 478       | -         | -     |
| St. Clair . . . . .  | 87        | 1,700   | 1,714     | -         | -     | 66        | 1,552   | 2,071     | -         | -     |
| St. Joseph . . . . .   | 2         | (D)     | (D)       | 1         | (D)   | 8         | 210     | 246       | -         | -     |
| Sanilac . . . . .  | 19        | 266     | 277       | 1         | (D)   | 31        | 848     | 940       | (NA)      | (NA)  |
| Schoolcraft . . . . .  | 1         | (D)     | (D)       | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Shiawassee . . . . .   | 25        | 339     | 539       | -         | -     | 28        | 426     | 661       | -         | -     |
| Tuscola . . . . .  | 23        | 470     | 581       | -         | -     | 45        | 789     | 1,148     | -         | -     |
| Van Buren . . . . .  | 26        | 609     | 931       | 1         | (D)   | 47        | 907     | 1,151     | -         | -     |
| Washtenaw . . . . .  | 32        | 423     | 364       | 2         | (D)   | 23        | 522     | 637       | -         | -     |
| Wayne . . . . .  | 9         | 453     | 526       | -         | -     | 10        | (D)     | (D)       | -         | -     |
| Wexford . . . . .  | 11        | 242     | 245       | -         | -     | 11        | 444     | 470       | -         | -     |
| <b>ALL HAYLAGE, GRASS SILAGE,<br/>AND GREENCHOP<br/>(TONS, GREEN) (SEE TEXT)</b> |           |         |           |           |       |           |         |           |           |       |
| <b>State Total</b>   |           |         |           |           |       |           |         |           |           |       |
| Michigan . . . . .   | 2,408     | 262,659 | 1,736,385 | 119       | 9,321 | 2,833     | 240,909 | 1,440,568 | 43        | 3,135 |
| <b>Counties</b>  |           |         |           |           |       |           |         |           |           |       |
| Alcona . . . . .   | 8         | 1,645   | 9,144     | -         | -     | 11        | 1,246   | 4,638     | -         | -     |
| Alger . . . . .  | 8         | 1,497   | 5,152     | -         | -     | 9         | 1,427   | 4,413     | -         | -     |
| Allegan . . . . .  | 86        | 11,754  | 76,691    | 1         | (D)   | 113       | 11,043  | 71,122    | 1         | (D)   |
| Alpena . . . . .   | 44        | 5,052   | 40,220    | 1         | (D)   | 32        | 4,118   | 17,174    | -         | -     |
| Antrim . . . . .   | 14        | 1,537   | 6,813     | -         | -     | 17        | 1,616   | 5,927     | -         | -     |
| Arenac . . . . .   | 18        | 2,645   | 11,789    | -         | -     | 23        | 2,658   | 13,086    | -         | -     |
| Baraga . . . . .   | 5         | 804     | 1,142     | -         | -     | 9         | 694     | 1,265     | -         | -     |
| Barry . . . . .  | 29        | 4,954   | 50,501    | 8         | 633   | 41        | 5,231   | 47,489    | 2         | (D)   |
| Bay . . . . .  | 20        | 943     | 6,000     | 2         | (D)   | 15        | 1,335   | 6,927     | -         | -     |
| Benzie . . . . .   | 8         | 338     | 1,424     | 1         | (D)   | 4         | (D)     | (D)       | -         | -     |
| Berrien . . . . .  | 5         | 157     | 1,590     | -         | -     | 10        | 815     | 5,552     | -         | -     |
| Branch . . . . .   | 21        | 1,826   | 18,805    | 4         | 302   | 34        | 2,002   | 16,628    | -         | -     |
| Calhoun . . . . .  | 25        | 1,600   | 10,648    | 3         | (D)   | 45        | 2,578   | 18,747    | -         | -     |
| Cass . . . . .   | 13        | 529     | 3,354     | 1         | (D)   | 14        | 512     | 2,954     | -         | -     |
| Charlevoix . . . . .   | 12        | 1,096   | 5,401     | -         | -     | 10        | 1,361   | 6,850     | -         | -     |
| Cheboygan . . . . .  | 15        | 2,213   | 5,600     | -         | -     | 9         | 1,247   | 5,332     | -         | -     |
| Chippewa . . . . .   | 40        | 2,979   | 10,324    | 1         | (D)   | 40        | 4,775   | 9,901     | -         | -     |
| Clare . . . . .  | 26        | 3,700   | 18,522    | 2         | (D)   | 31        | 2,992   | 24,940    | -         | -     |
| Clinton . . . . .  | 77        | 10,579  | 69,173    | 1         | (D)   | 78        | 8,594   | 75,007    | 1         | (D)   |
| Delta . . . . .  | 28        | 4,215   | 23,463    | 2         | (D)   | 37        | 2,832   | 9,253     | -         | -     |
| Dickinson . . . . .  | 12        | 1,233   | 6,141     | 1         | (D)   | 11        | 972     | 4,680     | -         | -     |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area   | 2002      |         |           |           |       | 1997      |        |          |           |       |
|---|-----------|---------|-----------|-----------|-------|-----------|--------|----------|-----------|-------|
|   | Harvested |         |           | Irrigated |       | Harvested |        |          | Irrigated |       |
|   | Farms     | Acres   | Quantity  | Farms     | Acres | Farms     | Acres  | Quantity | Farms     | Acres |
| <b>ALL HAYLAGE, GRASS SILAGE,<br/>AND GREENCHOP<br/>(TONS, GREEN) (SEE TEXT) - Con.</b> |           |         |           |           |       |           |        |          |           |       |
| <b>Counties - Con.</b>  |           |         |           |           |       |           |        |          |           |       |
| Eaton . . . . .   | 26        | 1,926   | 12,052    | 1         | (D)   | 40        | 1,739  | 11,603   | -         | -     |
| Emmet . . . . .   | 11        | 1,222   | 6,394     | -         | -     | 19        | 1,821  | 6,348    | -         | -     |
| Genesee . . . . .   | 20        | 1,241   | 6,240     | 3         | (D)   | 28        | 1,270  | 6,111    | -         | -     |
| Gladwin . . . . .   | 19        | 909     | 3,448     | 1         | (D)   | 20        | 861    | 2,929    | -         | -     |
| Grand Traverse . . . . .  | 14        | 450     | 2,421     | -         | -     | 14        | 650    | 2,447    | 2         | (D)   |
| Gratiot . . . . .   | 56        | 5,605   | 53,316    | 3         | (D)   | 45        | 4,247  | 34,851   | -         | -     |
| Hillsdale . . . . .   | 68        | 5,817   | 31,743    | 3         | (D)   | 48        | 3,592  | 25,750   | -         | -     |
| Houghton . . . . .  | 9         | 1,122   | 5,306     | 1         | (D)   | 10        | 1,715  | 4,730    | -         | -     |
| Huron . . . . .   | 93        | 11,380  | 81,960    | 3         | (D)   | 98        | 7,221  | 46,750   | 1         | (D)   |
| Ingham . . . . .  | 32        | 3,638   | 25,298    | -         | -     | 45        | 3,068  | 19,429   | -         | -     |
| Ionia . . . . .   | 61        | 6,548   | 49,582    | 2         | (D)   | 81        | 7,730  | 49,001   | 3         | (D)   |
| Iosco . . . . .   | 20        | 2,518   | 17,966    | -         | -     | 30        | 1,704  | 8,987    | -         | -     |
| Iron . . . . .  | 1         | (D)     | (D)       | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Isabella . . . . .  | 56        | 6,721   | 43,241    | 3         | (D)   | 75        | 7,592  | 48,326   | 1         | (D)   |
| Jackson . . . . .   | 40        | 4,302   | 27,326    | 3         | (D)   | 48        | 2,424  | 14,278   | -         | -     |
| Kalamazoo . . . . .   | 19        | 3,392   | 15,558    | 4         | (D)   | 13        | 1,664  | 8,867    | -         | -     |
| Kalkaska . . . . .  | 3         | (D)     | (D)       | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Kent . . . . .  | 68        | 6,903   | 48,425    | 1         | (D)   | 71        | 7,456  | 61,456   | 1         | (D)   |
| Lake . . . . .  | 13        | 932     | 6,861     | -         | -     | 7         | 430    | 2,550    | -         | -     |
| Lapeer . . . . .  | 67        | 4,421   | 24,426    | 1         | (D)   | 84        | 4,798  | 29,947   | -         | -     |
| Leelanau . . . . .  | 13        | 1,120   | 5,536     | -         | -     | 12        | 1,198  | 5,981    | -         | -     |
| Lenawee . . . . .   | 33        | 5,014   | 40,287    | -         | -     | 44        | 3,373  | 23,943   | -         | -     |
| Livingston . . . . .  | 29        | 1,581   | 10,515    | 4         | 20    | 40        | 2,468  | 17,719   | -         | -     |
| Luce . . . . .  | 1         | (D)     | (D)       | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Mackinac . . . . .  | 6         | 1,936   | 11,735    | 1         | (D)   | 9         | 2,150  | 4,792    | -         | -     |
| Macomb . . . . .  | 11        | 659     | 4,602     | -         | -     | 10        | 380    | 1,912    | -         | -     |
| Manistee . . . . .  | 7         | 312     | 1,252     | -         | -     | 16        | 392    | 1,139    | -         | -     |
| Marquette . . . . .   | 9         | 2,320   | 5,176     | -         | -     | 11        | 1,398  | 5,188    | -         | -     |
| Mason . . . . .   | 32        | 2,901   | 21,796    | 3         | (D)   | 32        | 2,655  | 16,671   | 1         | (D)   |
| Mecosta . . . . .   | 43        | 3,846   | 21,616    | 2         | (D)   | 57        | 3,936  | 22,103   | 2         | (D)   |
| Menominee . . . . .   | 75        | 11,197  | 77,802    | 2         | (D)   | 78        | 8,892  | 37,109   | 2         | (D)   |
| Midland . . . . .   | 12        | 1,542   | 9,977     | 2         | (D)   | 12        | 354    | 1,425    | -         | -     |
| Missaukee . . . . .   | 66        | 13,754  | 81,701    | 9         | 1,045 | 81        | 12,161 | 69,538   | 6         | 530   |
| Monroe . . . . .  | 15        | 915     | 2,951     | -         | -     | 9         | 323    | 1,682    | -         | -     |
| Montcalm . . . . .  | 93        | 9,343   | 61,311    | 8         | 1,439 | 96        | 6,503  | 39,556   | 4         | (D)   |
| Montmorency . . . . .   | 8         | 1,231   | 10,018    | -         | -     | 8         | 860    | 5,242    | 1         | (D)   |
| Muskegon . . . . .  | 33        | 4,224   | 41,831    | 2         | (D)   | 38        | 4,646  | 36,388   | 1         | (D)   |
| Newaygo . . . . .   | 80        | 8,754   | 54,201    | 2         | (D)   | 84        | 7,929  | 45,525   | 1         | (D)   |
| Oakland . . . . .   | 7         | 479     | 1,712     | -         | -     | 11        | 583    | 2,532    | -         | -     |
| Oceana . . . . .  | 34        | 3,084   | 18,369    | 2         | (D)   | 37        | 2,737  | 17,814   | 2         | (D)   |
| Ogemaw . . . . .  | 39        | 6,922   | 52,244    | -         | -     | 48        | 5,347  | 26,762   | -         | -     |
| Ontonagon . . . . .   | 11        | 2,932   | 17,674    | -         | -     | 11        | 1,971  | 7,958    | -         | -     |
| Oscella . . . . .   | 42        | 5,856   | 47,750    | 4         | 360   | 54        | 6,635  | 30,130   | 2         | (D)   |
| Oscoda . . . . .  | 13        | 664     | 3,297     | -         | -     | 13        | 753    | 2,505    | -         | -     |
| Otsego . . . . .  | 7         | 537     | 2,141     | -         | -     | 15        | 736    | 2,314    | -         | -     |
| Ottawa . . . . .  | 70        | 6,091   | 40,754    | 2         | (D)   | 109       | 9,777  | 63,758   | 2         | (D)   |
| Presque Isle . . . . .  | 17        | 2,601   | 16,718    | -         | -     | 23        | 2,192  | 10,055   | -         | -     |
| Roscommon . . . . .   | 1         | (D)     | (D)       | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Saginaw . . . . .   | 37        | 1,676   | 14,849    | 1         | (D)   | 36        | 1,438  | 13,215   | 1         | (D)   |
| St. Clair . . . . .   | 23        | 1,495   | 8,796     | 1         | (D)   | 47        | 1,725  | 6,606    | -         | -     |
| St. Joseph . . . . .  | 14        | 489     | 3,020     | 2         | (D)   | 24        | 1,351  | 7,007    | 3         | (D)   |
| Sanilac . . . . .   | 165       | 15,256  | 109,806   | 2         | (D)   | 183       | 13,867 | 90,900   | -         | -     |
| Schoolcraft . . . . .   | 2         | (D)     | (D)       | -         | -     | 4         | 265    | 1,223    | -         | -     |
| Shiawassee . . . . .  | 29        | 3,813   | 29,601    | -         | -     | 37        | 2,972  | 15,064   | -         | -     |
| Tuscola . . . . .   | 48        | 3,860   | 31,286    | 4         | 9     | 84        | 5,641  | 34,912   | 1         | (D)   |
| Van Buren . . . . .   | 24        | 2,176   | 9,803     | 6         | 135   | 23        | 959    | 9,864    | 1         | (D)   |
| Washtenaw . . . . .   | 38        | 2,473   | 17,251    | 3         | (D)   | 47        | 2,690  | 19,652   | 1         | (D)   |
| Wayne . . . . .   | 3         | (D)     | (D)       | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Wexford . . . . .   | 8         | 756     | 4,080     | -         | -     | 14        | 1,060  | 4,434    | -         | -     |
| <b>HAYLAGE OR GREENCHOP FROM<br/>ALFALFA OR ALFALFA MIXTURES<br/>(TONS, GREEN)</b>      |           |         |           |           |       |           |        |          |           |       |
| <b>State Total</b>  |           |         |           |           |       |           |        |          |           |       |
| Michigan . . . . .  | 2,076     | 238,399 | 1,620,171 | 104       | 9,073 | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>   |           |         |           |           |       |           |        |          |           |       |
| Alcona . . . . .  | 6         | (D)     | (D)       | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Alger . . . . .   | 6         | 1,066   | 3,917     | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Allegan . . . . .   | 79        | 10,760  | 74,610    | 1         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Alpena . . . . .  | 39        | 4,836   | 39,170    | 1         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Antrim . . . . .  | 12        | (D)     | 6,212     | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Arenac . . . . .  | 17        | (D)     | (D)       | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Baraga . . . . .  | 2         | (D)     | (D)       | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Barry . . . . .   | 24        | 4,374   | 45,047    | 7         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Bay . . . . .   | 11        | 845     | 5,716     | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Benzie . . . . .  | 8         | 338     | 1,424     | 1         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Berrien . . . . .   | 4         | (D)     | (D)       | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Branch . . . . .  | 20        | (D)     | (D)       | 4         | 302   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Calhoun . . . . .   | 18        | (D)     | (D)       | 1         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Cass . . . . .  | 9         | 444     | 2,480     | 1         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Charlevoix . . . . .  | 10        | 966     | (D)       | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Cheboygan . . . . .   | 11        | 1,420   | 4,329     | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Chippewa . . . . .  | 10        | 857     | 2,625     | 1         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Clare . . . . .   | 23        | 3,491   | 17,632    | 1         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Clinton . . . . .   | 75        | 10,519  | 69,012    | 1         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Delta . . . . .   | 24        | 3,785   | 20,856    | 2         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Dickinson . . . . .   | 11        | (D)     | (D)       | 1         | (D)   | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area   | 2002      |        |          |           |       | 1997      |       |          |           |       |
|---|-----------|--------|----------|-----------|-------|-----------|-------|----------|-----------|-------|
|   | Harvested |        |          | Irrigated |       | Harvested |       |          | Irrigated |       |
|   | Farms     | Acres  | Quantity | Farms     | Acres | Farms     | Acres | Quantity | Farms     | Acres |
| <b>HAYLAGE OR GREENCHOP FROM ALFALFA OR ALFALFA MIXTURES (TONS, GREEN) - Con.</b> |           |        |          |           |       |           |       |          |           |       |
| Counties - Con.   |           |        |          |           |       |           |       |          |           |       |
| Eaton . . . . .   | 23        | 1,707  | 10,987   | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Emmet . . . . .   | 6         | 1,020  | 5,883    | -         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Genesee . . . . .   | 18        | 1,217  | 6,144    | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Gladwin . . . . .   | 18        | (D)    | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Grand Traverse . . . . .  | 12        | 425    | 2,378    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Gratiot . . . . .   | 51        | 5,391  | 52,700   | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Hillsdale . . . . .   | 58        | 5,564  | 30,794   | 3         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Houghton . . . . .  | 8         | (D)    | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Huron . . . . .   | 89        | 10,632 | 79,634   | 3         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ingham . . . . .  | 30        | 3,380  | 24,042   | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ionia . . . . .   | 59        | (D)    | (D)      | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Iosco . . . . .   | 19        | 2,340  | 17,578   | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Iron . . . . .  | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Isabella . . . . .  | 52        | 6,446  | 41,915   | 3         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Jackson . . . . .   | 36        | 3,934  | (D)      | 3         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kalamazoo . . . . .   | 17        | 3,253  | 15,057   | 3         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kalkaska . . . . .  | 3         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kent . . . . .  | 62        | 6,720  | 47,674   | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lake . . . . .  | 11        | 895    | 6,779    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lapeer . . . . .  | 62        | 4,178  | 22,995   | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Leelanau . . . . .  | 12        | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lenawee . . . . .   | 29        | 4,965  | 40,242   | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Livingston . . . . .  | 26        | 1,497  | 10,268   | 4         | 20    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Luce . . . . .  | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mackinac . . . . .  | 4         | 1,068  | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Macomb . . . . .  | 7         | 525    | 2,695    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Manistee . . . . .  | 6         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Marquette . . . . .   | 3         | (D)    | 3,701    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mason . . . . .   | 25        | 2,690  | 20,731   | 3         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mecosta . . . . .   | 36        | 3,420  | 19,453   | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Menominee . . . . .   | 68        | 10,535 | 75,511   | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Midland . . . . .   | 10        | 1,467  | 9,695    | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Missaukee . . . . .   | 60        | 12,980 | 79,533   | 9         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Monroe . . . . .  | 13        | 888    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montcalm . . . . .  | 85        | 9,000  | 59,011   | 8         | 1,439 | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montmorency . . . . .   | 7         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Muskegon . . . . .  | 30        | 3,787  | 39,145   | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Newaygo . . . . .   | 70        | 8,315  | 52,476   | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Oakland . . . . .   | 4         | 279    | 863      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Oceana . . . . .  | 27        | 2,888  | 17,396   | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ogemaw . . . . .  | 37        | 6,670  | 50,740   | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ontonagon . . . . .   | 4         | 640    | 5,670    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Oscella . . . . .   | 36        | 5,519  | 46,369   | 4         | 360   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Oscoda . . . . .  | 10        | 564    | 2,787    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Otsego . . . . .  | 3         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ottawa . . . . .  | 62        | 5,133  | 36,870   | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Presque Isle . . . . .  | 13        | 2,520  | 16,425   | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Roscommon . . . . .   | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Saginaw . . . . .   | 32        | 1,619  | 14,518   | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair . . . . .   | 14        | 1,132  | 7,247    | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Joseph . . . . .  | 10        | 375    | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Sanilac . . . . .   | 145       | 14,363 | 105,926  | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Schoolcraft . . . . .   | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee . . . . .  | 23        | 3,655  | 28,745   | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Tuscola . . . . .   | 46        | 3,654  | 29,684   | 4         | 9     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Van Buren . . . . .   | 18        | 1,237  | 7,075    | 3         | 99    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Washtenaw . . . . .   | 33        | 2,232  | 15,472   | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Wayne . . . . .   | 3         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Wexford . . . . .   | 7         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>OTHER HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN)</b>                   |           |        |          |           |       |           |       |          |           |       |
| <b>State Total</b>  |           |        |          |           |       |           |       |          |           |       |
| Michigan . . . . .  | 542       | 24,260 | 116,214  | 21        | 248   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>   |           |        |          |           |       |           |       |          |           |       |
| Alcona . . . . .  | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Alger . . . . .   | 4         | 431    | 1,235    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Allegan . . . . .   | 14        | 994    | 2,081    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Alpena . . . . .  | 12        | 216    | 1,050    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Antrim . . . . .  | 3         | (D)    | 601      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Arenac . . . . .  | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Baraga . . . . .  | 3         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Barry . . . . .   | 9         | 580    | 5,454    | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Bay . . . . .   | 10        | 98     | 284      | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Berrien . . . . .   | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Branch . . . . .  | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Calhoun . . . . .   | 7         | (D)    | (D)      | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cass . . . . .  | 6         | 85     | 874      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Charlevoix . . . . .  | 4         | 130    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cheboygan . . . . .   | 8         | 793    | 1,271    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Chippewa . . . . .  | 30        | 2,122  | 7,699    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clare . . . . .   | 5         | 209    | 890      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clinton . . . . .   | 3         | 60     | 161      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Delta . . . . .   | 9         | 430    | 2,607    | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Dickinson . . . . .   | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Eaton . . . . .   | 4         | 219    | 1,065    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area  | 2002      |           |           |           |        | 1997      |       |          |           |       |
|--|-----------|-----------|-----------|-----------|--------|-----------|-------|----------|-----------|-------|
|  | Harvested |           |           | Irrigated |        | Harvested |       |          | Irrigated |       |
|  | Farms     | Acres     | Quantity  | Farms     | Acres  | Farms     | Acres | Quantity | Farms     | Acres |
| <b>OTHER HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN) - Con.</b>   |           |           |           |           |        |           |       |          |           |       |
| Counties - Con.  |           |           |           |           |        |           |       |          |           |       |
| Emmet  | 5         | 202       | 511       | -         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Genesee  | 6         | 24        | 96        | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Gladwin  | 2         | (D)       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Grand Traverse   | 3         | 25        | 43        | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Gratiot  | 7         | 214       | 616       | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Hillsdale  | 13        | 253       | 949       | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Houghton   | 2         | (D)       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Huron  | 15        | 748       | 2,326     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ingham   | 5         | 258       | 1,256     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ionia  | 2         | (D)       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Iosco  | 6         | 178       | 388       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Isabella   | 9         | 275       | 1,326     | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Jackson  | 7         | 368       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kalamazoo  | 4         | 139       | 501       | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kent   | 9         | 183       | 751       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lake   | 6         | 37        | 82        | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lapeer   | 14        | 243       | 1,431     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Leelanau   | 1         | (D)       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lenawee  | 5         | 49        | 45        | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Livingston   | 9         | 84        | 247       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mackinac   | 4         | 868       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Macomb   | 7         | 134       | 1,907     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Manistee   | 1         | (D)       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Marquette  | 6         | (D)       | 1,475     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mason  | 11        | 211       | 1,065     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mecosta  | 13        | 426       | 2,163     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Menominee  | 14        | 662       | 2,291     | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Midland  | 4         | 75        | 282       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Missaukee  | 15        | 774       | 2,168     | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Monroe   | 3         | 27        | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montcalm   | 14        | 343       | 2,300     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montmorency  | 1         | (D)       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Muskegon   | 6         | 437       | 2,686     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Newaygo  | 16        | 439       | 1,725     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Oakland  | 4         | 200       | 849       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Oceana   | 8         | 196       | 973       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ogemaw   | 7         | 252       | 1,504     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ontonagon  | 10        | 2,292     | 12,004    | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Osceola  | 9         | 337       | 1,381     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Oscoda   | 3         | 100       | 510       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Otsego   | 4         | (D)       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ottawa   | 18        | 958       | 3,884     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Presque Isle   | 4         | 81        | 293       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Saginaw  | 6         | 57        | 331       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair  | 14        | 363       | 1,549     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Joseph   | 4         | 114       | (D)       | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Sanilac  | 30        | 893       | 3,880     | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee   | 6         | 158       | 856       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Tuscola  | 6         | 206       | 1,602     | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Van Buren  | 12        | 939       | 2,728     | 3         | 36     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Washtenaw  | 9         | 241       | 1,779     | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Wayne  | 1         | (D)       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Wexford  | 2         | (D)       | (D)       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>FORAGE - LAND USED FOR ALL HAY AND ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, DRY EQUIVALENT) (SEE TEXT)</b> |           |           |           |           |        |           |       |          |           |       |
| State Total  |           |           |           |           |        |           |       |          |           |       |
| Michigan   | 22,067    | 1,212,603 | 3,557,828 | 454       | 17,414 | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Counties   |           |           |           |           |        |           |       |          |           |       |
| Alcona   | 147       | 14,296    | 35,106    | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Alger  | 42        | 4,912     | 10,357    | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Allegan  | 671       | 31,877    | 100,997   | 10        | 120    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Alpena   | 318       | 23,126    | 68,031    | 4         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Antrim   | 143       | 9,531     | 22,813    | 5         | 138    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Arenac   | 134       | 7,442     | 20,743    | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Baraga   | 51        | 4,845     | 8,215     | 1         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Barry  | 497       | 24,630    | 79,769    | 19        | 806    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Bay  | 170       | 5,821     | 18,455    | 4         | 38     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Benzie   | 72        | 2,819     | 5,607     | 3         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Berrien  | 231       | 5,750     | 18,527    | 4         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Branch   | 380       | 10,758    | 35,959    | 19        | 545    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Calhoun  | 490       | 16,372    | 47,766    | 5         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cass   | 335       | 11,523    | 33,181    | 7         | 148    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Charlevoix   | 182       | 10,571    | 23,755    | 4         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cheboygan  | 163       | 14,659    | 31,483    | 3         | (NA)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Chippewa   | 249       | 32,174    | 61,768    | 3         | 193    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clare  | 262       | 18,448    | 46,827    | 7         | 463    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clinton  | 432       | 22,244    | 78,089    | 6         | 99     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Crawford   | 11        | 297       | 445       | -         | -      | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Delta  | 185       | 18,550    | 50,231    | 4         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Dickinson  | 76        | 6,310     | 16,200    | 4         | 21     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Eaton  | 466       | 16,482    | 51,876    | 4         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Emmet  | 161       | 13,988    | 32,212    | 6         | (D)    | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Genesee  | 398       | 13,672    | 37,808    | 11        | 75     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area   | 2002      |         |           |           |       | 1997      |         |           |           |       |
|---|-----------|---------|-----------|-----------|-------|-----------|---------|-----------|-----------|-------|
|   | Harvested |         |           | Irrigated |       | Harvested |         |           | Irrigated |       |
|   | Farms     | Acres   | Quantity  | Farms     | Acres | Farms     | Acres   | Quantity  | Farms     | Acres |
| <b>FORAGE - LAND USED FOR ALL HAY AND ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, DRY EQUIVALENT) (SEE TEXT) - Con.</b> |           |         |           |           |       |           |         |           |           |       |
| <b>Counties - Con.</b>  |           |         |           |           |       |           |         |           |           |       |
| Gladwin   | 324       | 16,394  | 37,338    | 6         | 49    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Gogebic   | 26        | 1,025   | 1,681     | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Grand Traverse  | 180       | 10,967  | 27,309    | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Gratiot   | 290       | 13,309  | 55,283    | 9         | 171   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Hillsdale   | 508       | 20,668  | 62,115    | 8         | 209   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Houghton  | 82        | 7,190   | 17,225    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Huron   | 363       | 25,515  | 108,865   | 6         | 528   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Ingham  | 434       | 16,133  | 56,550    | 10        | 112   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Ionia   | 521       | 24,003  | 87,430    | 6         | 248   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Iosco   | 180       | 12,642  | 38,650    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Iron  | 65        | 5,344   | 9,747     | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Isabella  | 478       | 33,991  | 114,002   | 10        | 167   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Jackson   | 585       | 24,649  | 74,697    | 5         | 110   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Kalamazoo   | 263       | 11,634  | 30,703    | 15        | 1,657 | (D)       | (NA)    | (NA)      | (NA)      | (NA)  |
| Kalkaska  | 73        | 3,656   | 6,420     | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Kent  | 560       | 26,817  | 86,435    | 12        | 318   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Keweenaw  | 3         | 49      | 42        | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Lake  | 90        | 6,280   | 16,493    | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Lapeer  | 595       | 30,534  | 88,407    | 4         | 50    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Leelanau  | 105       | 5,515   | 13,807    | 8         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Lenawee   | 333       | 15,956  | 53,974    | 3         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Livingston  | 330       | 12,510  | 33,957    | 7         | 37    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Luce  | 20        | 3,186   | 8,942     | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Mackinac  | 52        | 7,444   | 17,063    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Macomb  | 142       | 5,275   | 17,482    | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Manistee  | 176       | 9,574   | 18,065    | 4         | 69    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Marquette   | 76        | 6,481   | 14,090    | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Mason   | 226       | 15,004  | 45,333    | 6         | 163   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Mecosta   | 458       | 31,625  | 81,135    | 10        | 408   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Menominee   | 234       | 30,262  | 93,238    | 3         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Midland   | 165       | 8,035   | 23,090    | 6         | 194   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Missaukee   | 266       | 34,499  | 93,887    | 12        | 1,368 | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Monroe  | 243       | 6,174   | 16,415    | 8         | 56    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Montcalm  | 568       | 30,454  | 94,231    | 13        | 1,485 | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Montmorency   | 91        | 5,233   | 14,473    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Muskegon  | 234       | 12,486  | 42,680    | 3         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Newaygo   | 519       | 28,440  | 81,313    | 12        | 338   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Oakland   | 157       | 6,278   | 12,407    | 6         | 99    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Oceana  | 301       | 15,188  | 40,429    | 5         | 140   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Ogemaw  | 189       | 21,924  | 74,434    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Ontonagon   | 85        | 11,616  | 24,457    | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Oscoda  | 386       | 40,289  | 115,215   | 7         | 791   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Oscoda  | 87        | 5,011   | 11,580    | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Otsego  | 87        | 9,782   | 24,882    | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Ottawa  | 508       | 22,002  | 72,605    | 6         | 235   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Presque Isle  | 198       | 15,232  | 37,555    | 1         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Roscommon   | 24        | 1,485   | 2,857     | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Saginaw   | 286       | 7,453   | 26,465    | 2         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| St. Clair   | 554       | 18,354  | 41,901    | 14        | 278   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| St. Joseph  | 361       | 11,063  | 33,786    | 21        | 965   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Sanilac   | 700       | 47,899  | 178,292   | 13        | 105   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Schoolcraft   | 35        | 3,748   | 8,267     | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Shiawassee  | 409       | 15,556  | 53,558    | 6         | 71    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Tuscola   | 454       | 18,126  | 63,585    | 8         | 72    | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Van Buren   | 348       | 12,623  | 34,178    | 18        | 411   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Washtenaw   | 534       | 18,501  | 59,240    | 11        | 133   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Wayne   | 60        | 1,259   | 2,524     | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Wexford   | 180       | 9,164   | 20,824    | 3         | (D)   | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| <b>CORN FOR SILAGE OR GREENCHOP (TONS)</b>  |           |         |           |           |       |           |         |           |           |       |
| <b>State Total</b>  |           |         |           |           |       |           |         |           |           |       |
| Michigan  | 3,362     | 233,601 | 3,447,251 | 125       | 9,918 | 5,054     | 282,015 | 4,027,278 | 96        | 6,200 |
| <b>Counties</b>   |           |         |           |           |       |           |         |           |           |       |
| Alcona  | 12        | 770     | 9,677     | -         | -     | 12        | 391     | 5,592     | -         | -     |
| Alger   | 6         | 165     | 1,923     | -         | -     | 6         | 215     | 2,440     | -         | -     |
| Allegan   | 110       | 12,705  | 204,866   | 3         | 358   | 185       | 13,460  | 190,670   | 1         | (D)   |
| Alpena  | 28        | 848     | 12,453    | -         | -     | 56        | 2,167   | 29,175    | -         | -     |
| Antrim  | 22        | 952     | 11,589    | 2         | (D)   | 39        | 1,717   | 14,591    | 1         | (D)   |
| Arenac  | 22        | 927     | 12,748    | -         | -     | 37        | 1,967   | 29,598    | -         | -     |
| Baraga  | 1         | (D)     | (D)       | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Barry   | 45        | 6,907   | 109,939   | 4         | 513   | 77        | 10,148  | 164,712   | 6         | 1,061 |
| Bay   | 18        | 1,035   | 12,909    | -         | -     | 22        | 979     | 14,757    | -         | -     |
| Benzie  | 16        | 533     | 4,015     | 1         | (D)   | 13        | 375     | 3,297     | -         | -     |
| Berrien   | 17        | 1,392   | 21,480    | 1         | (D)   | 17        | 842     | 11,660    | -         | -     |
| Branch  | 42        | 1,916   | 28,426    | 6         | 584   | 87        | 3,294   | 55,488    | 5         | 318   |
| Calhoun   | 60        | 3,560   | 50,039    | 4         | (D)   | 97        | 4,626   | 67,479    | 1         | (D)   |
| Cass  | 16        | 787     | 10,388    | 2         | (D)   | 28        | 1,614   | 21,478    | 2         | (D)   |
| Charlevoix  | 20        | 708     | 11,907    | -         | -     | 20        | 654     | 7,230     | -         | -     |
| Cheboygan   | 7         | 548     | 3,317     | -         | -     | 23        | 1,391   | 16,926    | -         | -     |
| Chippewa  | 1         | (D)     | (D)       | -         | -     | (NA)      | (NA)    | (NA)      | (NA)      | (NA)  |
| Clare   | 39        | 1,846   | 24,677    | 1         | (D)   | 66        | 2,275   | 28,235    | -         | -     |
| Clinton   | 97        | 12,749  | 206,582   | 1         | (D)   | 135       | 14,280  | 240,881   | 2         | (D)   |
| Delta   | 23        | 819     | 8,851     | 2         | (D)   | 38        | 1,280   | 13,725    | 1         | (D)   |
| Dickinson   | 24        | 942     | 10,952    | -         | -     | 22        | 867     | 12,332    | -         | -     |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                                   | 2002      |        |          |           |       | 1997      |        |          |           |       |
|---|-----------|--------|----------|-----------|-------|-----------|--------|----------|-----------|-------|
|   | Harvested |        |          | Irrigated |       | Harvested |        |          | Irrigated |       |
|   | Farms     | Acres  | Quantity | Farms     | Acres | Farms     | Acres  | Quantity | Farms     | Acres |
| <b>CORN FOR SILAGE OR GREENCHOP (TONS) - Con.</b> |           |        |          |           |       |           |        |          |           |       |
| <b>Counties - Con.</b>                            |           |        |          |           |       |           |        |          |           |       |
| Eaton . . . . .                                   | 58        | 2,045  | 24,007   | 1         | (D)   | 85        | 3,662  | 53,392   | -         | -     |
| Emmet . . . . .                                   | 31        | 964    | 12,332   | 1         | (D)   | 46        | 1,838  | 16,483   | 1         | (D)   |
| Genesee . . . . .                                 | 21        | 1,545  | 17,452   | 2         | (D)   | 37        | 1,781  | 19,153   | 2         | -     |
| Gladwin . . . . .                                 | 43        | 532    | 6,729    | -         | -     | 86        | 1,172  | 11,143   | -         | (D)   |
| Grand Traverse . . . . .                          | 27        | 1,294  | 17,101   | -         | -     | 42        | 1,736  | 17,161   | 1         | (D)   |
| Gratiot . . . . .                                 | 59        | 6,363  | 115,504  | 4         | 169   | 98        | 5,857  | 102,276  | 2         | (D)   |
| Hillsdale . . . . .                               | 92        | 6,553  | 79,983   | 6         | 358   | 104       | 5,324  | 80,967   | 1         | (D)   |
| Houghton . . . . .                                | 5         | 105    | 1,171    | -         | -     | 5         | 125    | 1,134    | -         | -     |
| Huron . . . . .                                   | 198       | 18,140 | 316,434  | 1         | (D)   | 246       | 16,035 | 267,417  | 3         | (D)   |
| Ingham . . . . .                                  | 65        | 4,325  | 56,591   | 1         | (D)   | 101       | 5,678  | 82,193   | -         | -     |
| Ionia . . . . .                                   | 104       | 7,331  | 120,338  | 3         | (D)   | 164       | 10,220 | 152,857  | 1         | (D)   |
| Iosco . . . . .                                   | 31        | 1,641  | 23,926   | -         | -     | 46        | 1,918  | 23,640   | 3         | (D)   |
| Iron . . . . .                                    | 1         | (D)    | (D)      | -         | -     | 4         | 76     | 1,140    | -         | -     |
| Isabella . . . . .                                | 91        | 4,900  | 66,160   | -         | -     | 166       | 10,917 | 159,776  | -         | -     |
| Jackson . . . . .                                 | 50        | 3,765  | 54,385   | 3         | (D)   | 84        | 5,517  | 80,421   | -         | -     |
| Kalamazoo . . . . .                               | 22        | 3,552  | 58,083   | 6         | 1,192 | 35        | 3,903  | 47,354   | 3         | 188   |
| Kalkaska . . . . .                                | 9         | 102    | 1,329    | -         | -     | 15        | 560    | 4,565    | -         | -     |
| Kent . . . . .                                    | 78        | 7,514  | 121,700  | 1         | (D)   | 125       | 10,773 | 174,878  | 1         | (D)   |
| Lake . . . . .                                    | 6         | 334    | 6,219    | -         | -     | 14        | 455    | 6,712    | -         | -     |
| Lapeer . . . . .                                  | 71        | 2,963  | 47,120   | 4         | 44    | 111       | 6,368  | 82,031   | 1         | (D)   |
| Leelanau . . . . .                                | 13        | 490    | 5,533    | -         | -     | 29        | 986    | 9,619    | -         | -     |
| Lenawee . . . . .                                 | 55        | 10,391 | 122,137  | 2         | (D)   | 76        | 6,219  | 99,538   | -         | -     |
| Livingston . . . . .                              | 26        | 1,194  | 14,724   | -         | -     | 54        | 2,910  | 33,777   | -         | -     |
| Mackinac . . . . .                                | 5         | 299    | 4,657    | 1         | (D)   | 3         | (D)    | -        | -         | -     |
| Macomb . . . . .                                  | 18        | 2,160  | 34,209   | -         | -     | 27        | 1,029  | 10,792   | -         | -     |
| Manistee . . . . .                                | 14        | 196    | 2,086    | -         | -     | 22        | 336    | 2,824    | -         | -     |
| Marquette . . . . .                               | 3         | 285    | 2,649    | -         | -     | 9         | 693    | 9,662    | -         | -     |
| Mason . . . . .                                   | 33        | 2,141  | 31,311   | 2         | (D)   | 67        | 2,766  | 40,713   | 3         | 130   |
| Mecosta . . . . .                                 | 107       | 3,362  | 39,535   | 5         | 265   | 131       | 4,106  | 47,883   | 7         | 363   |
| Menominee . . . . .                               | 83        | 6,232  | 85,408   | -         | -     | 98        | 6,809  | 86,883   | -         | -     |
| Midland . . . . .                                 | 12        | 959    | 17,392   | 1         | (D)   | 32        | 906    | 13,600   | 1         | (D)   |
| Missaukee . . . . .                               | 78        | 7,499  | 107,131  | 13        | 905   | 105       | 9,247  | 115,906  | 11        | 915   |
| Monroe . . . . .                                  | 19        | 675    | 8,491    | -         | -     | 36        | 1,063  | 18,085   | -         | -     |
| Montcalm . . . . .                                | 107       | 6,981  | 109,335  | 17        | 2,024 | 138       | 5,525  | 78,590   | 13        | 756   |
| Montmorency . . . . .                             | 6         | 259    | 3,785    | -         | -     | 7         | 374    | 4,417    | 1         | (D)   |
| Muskegon . . . . .                                | 43        | 4,633  | 66,731   | 2         | (D)   | 76        | 4,662  | 58,644   | 1         | (D)   |
| Newaygo . . . . .                                 | 114       | 8,765  | 128,872  | 2         | (D)   | 150       | 7,102  | 95,773   | 1         | (D)   |
| Oakland . . . . .                                 | 2         | (D)    | (D)      | -         | -     | 7         | 184    | 1,850    | -         | -     |
| Oceana . . . . .                                  | 53        | 3,684  | 36,965   | 2         | (D)   | 79        | 3,354  | 38,109   | -         | -     |
| Ogemaw . . . . .                                  | 45        | 2,562  | 35,772   | -         | -     | 71        | 5,487  | 80,182   | -         | -     |
| Ontonagon . . . . .                               | 5         | 89     | 644      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Oscoda . . . . .                                  | 57        | 3,575  | 50,239   | 3         | 192   | 97        | 4,625  | 57,847   | 4         | 282   |
| Oscoda . . . . .                                  | 20        | 370    | 3,170    | -         | -     | 24        | 681    | 5,589    | -         | -     |
| Otsego . . . . .                                  | 17        | 457    | 4,937    | -         | -     | 20        | 524    | 5,016    | -         | -     |
| Ottawa . . . . .                                  | 127       | 9,328  | 138,376  | 3         | 180   | 189       | 11,766 | 158,515  | 5         | 172   |
| Presque Isle . . . . .                            | 16        | 848    | 13,777   | -         | -     | 40        | 1,517  | 18,721   | -         | -     |
| Roscommon . . . . .                               | 1         | (D)    | (D)      | -         | -     | 3         | 66     | 1,000    | -         | -     |
| Saginaw . . . . .                                 | 49        | 2,014  | 35,985   | 1         | (D)   | 65        | 2,811  | 48,463   | 1         | (D)   |
| St. Clair . . . . .                               | 40        | 1,526  | 17,111   | -         | -     | 76        | 2,142  | 22,116   | -         | -     |
| St. Joseph . . . . .                              | 34        | 532    | 6,916    | 3         | 108   | 58        | 1,862  | 29,711   | 3         | (D)   |
| Sanilac . . . . .                                 | 234       | 14,714 | 233,882  | 2         | (D)   | 336       | 19,669 | 286,513  | 1         | (D)   |
| Schoolcraft . . . . .                             | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Shiawassee . . . . .                              | 48        | 3,824  | 46,192   | -         | -     | 75        | 3,866  | 53,212   | 1         | (D)   |
| Tuscola . . . . .                                 | 74        | 3,614  | 54,085   | 2         | (D)   | 113       | 5,179  | 79,673   | 2         | (D)   |
| Van Buren . . . . .                               | 27        | 1,634  | 23,032   | 2         | (D)   | 31        | 1,525  | 22,652   | 1         | (D)   |
| Washtenaw . . . . .                               | 65        | 3,372  | 47,731   | 2         | (D)   | 79        | 4,312  | 63,843   | 2         | (D)   |
| Wayne . . . . .                                   | 2         | (D)    | (D)      | -         | -     | 6         | (D)    | 860      | -         | -     |
| Wexford . . . . .                                 | 21        | 644    | 8,117    | -         | -     | 28        | 909    | 9,326    | -         | -     |
| <b>SORGHUM FOR SILAGE OR GREENCHOP (TONS)</b>     |           |        |          |           |       |           |        |          |           |       |
| <b>State Total</b>                                |           |        |          |           |       |           |        |          |           |       |
| Michigan . . . . .                                | 158       | 2,595  | 20,068   | 2         | (D)   | 118       | 2,623  | 25,317   | 6         | 283   |
| <b>Counties</b>                                   |           |        |          |           |       |           |        |          |           |       |
| Alger . . . . .                                   | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Allegan . . . . .                                 | 2         | (D)    | (D)      | -         | -     | 3         | 25     | 105      | -         | -     |
| Alpena . . . . .                                  | 2         | (D)    | (D)      | -         | -     | 4         | 114    | 958      | -         | -     |
| Antrim . . . . .                                  | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Barry . . . . .                                   | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Benzie . . . . .                                  | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Calhoun . . . . .                                 | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Cheboygan . . . . .                               | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Chippewa . . . . .                                | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Clare . . . . .                                   | 6         | 164    | 1,428    | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Clinton . . . . .                                 | 3         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Delta . . . . .                                   | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Dickinson . . . . .                               | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Emmet . . . . .                                   | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Genesee . . . . .                                 | 1         | (D)    | (D)      | -         | -     | 3         | 24     | 72       | -         | -     |
| Gladwin . . . . .                                 | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Gratiot . . . . .                                 | 3         | 36     | 386      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Hillsdale . . . . .                               | 7         | 96     | 767      | -         | -     | 4         | 122    | 1,097    | -         | -     |
| Houghton . . . . .                                | 1         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Huron . . . . .                                   | 2         | (D)    | (D)      | -         | -     | 3         | (D)    | (D)      | -         | -     |
| Ingham . . . . .                                  | 4         | 105    | 880      | -         | -     | 4         | 135    | 1,445    | 1         | (D)   |
| Ionia . . . . .                                   | 3         | 42     | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |
| Iosco . . . . .                                   | 2         | (D)    | (D)      | -         | -     | (NA)      | (NA)   | (NA)     | (NA)      | (NA)  |

-continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                                      | 2002      |       |          |           |       | 1997      |       |          |           |       |
|--|-----------|-------|----------|-----------|-------|-----------|-------|----------|-----------|-------|
|  | Harvested |       |          | Irrigated |       | Harvested |       |          | Irrigated |       |
|  | Farms     | Acres | Quantity | Farms     | Acres | Farms     | Acres | Quantity | Farms     | Acres |
| <b>SORGHUM FOR SILAGE OR GREENCHOP (TONS) - Con.</b> |           |       |          |           |       |           |       |          |           |       |
| Counties - Con.                                      |           |       |          |           |       |           |       |          |           |       |
| Isabella   | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Jackson  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kalamazoo  | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Kent   | 2         | (D)   | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lake   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lapeer   | 6         | 89    | 550      | -         | -     | 10        | 130   | 1,483    | -         | -     |
| Leelanau   | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lenawee  | 2         | (D)   | (D)      | -         | -     | 3         | (D)   | (D)      | 1         | (D)   |
| Livingston   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Macomb   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Manistee   | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Marquette  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mason  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Mecosta  | 2         | (D)   | (D)      | -         | -     | 3         | 90    | (D)      | -         | -     |
| Menominee  | 5         | 211   | 2,541    | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Missaukee  | 7         | 140   | 1,080    | -         | -     | 7         | 207   | 1,583    | -         | -     |
| Monroe   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Montcalm   | 8         | 55    | 466      | -         | -     | 4         | (D)   | (D)      | -         | -     |
| Muskegon   | 6         | 69    | 790      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Newaygo  | 12        | 108   | 864      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ogemaw   | 4         | 77    | 610      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Osceola  | 1         | (D)   | (D)      | -         | -     | 4         | 52    | 235      | -         | -     |
| Oscoda   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ottawa   | 1         | (D)   | (D)      | -         | -     | 4         | 30    | 360      | -         | -     |
| Presque Isle   | 5         | 136   | 668      | -         | -     | 5         | 91    | 710      | -         | -     |
| Saginaw  | 3         | 22    | 146      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair  | 5         | 44    | 217      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Joseph   | 4         | 22    | 117      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Sanilac  | 6         | 47    | 234      | -         | -     | 4         | 88    | 1,195    | -         | -     |
| Shiawassee   | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Tuscola  | 4         | 27    | 115      | -         | -     | 5         | 60    | 590      | -         | -     |
| Van Buren  | 3         | 46    | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Wexford  | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |

**Table 27. Other Field and Forage Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                                 | 2002      |       |          |           |       | 1997      |       |          |           |       |
|---|-----------|-------|----------|-----------|-------|-----------|-------|----------|-----------|-------|
|   | Harvested |       |          | Irrigated |       | Harvested |       |          | Irrigated |       |
|   | Farms     | Acres | Quantity | Farms     | Acres | Farms     | Acres | Quantity | Farms     | Acres |
| <b>DILL FOR OIL (POUNDS)</b>                    |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                              |           |       |          |           |       |           |       |          |           |       |
| Michigan .....                                  | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>                                 |           |       |          |           |       |           |       |          |           |       |
| Macomb .....                                    | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>GINSENG (POUNDS)</b>                         |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                              |           |       |          |           |       |           |       |          |           |       |
| Michigan .....                                  | 10        | 59    | 41,744   | 3         | (D)   | 7         | 5     | 7,233    | 1         | (D)   |
| <b>Counties</b>                                 |           |       |          |           |       |           |       |          |           |       |
| Cass .....                                      | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Charlevoix .....                                | 1         | (D)   | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Delta .....                                     | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Dickinson .....                                 | 1         | (D)   | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Emmet .....                                     | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Houghton .....                                  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Lake .....                                      | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Marquette .....                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Muskegon .....                                  | 1         | (D)   | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Sanilac .....                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>HERBS, DRIED (POUNDS)</b>                    |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                              |           |       |          |           |       |           |       |          |           |       |
| Michigan .....                                  | 2         | (D)   | (D)      | -         | -     | 2         | (D)   | (D)      | -         | -     |
| <b>Counties</b>                                 |           |       |          |           |       |           |       |          |           |       |
| Shiawassee .....                                | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>MINT FOR OIL, ALL (POUNDS OF OIL)</b>        |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                              |           |       |          |           |       |           |       |          |           |       |
| Michigan .....                                  | 47        | 2,471 | 120,627  | 6         | (D)   | 18        | 2,950 | 94,521   | 6         | 544   |
| <b>Counties</b>                                 |           |       |          |           |       |           |       |          |           |       |
| Bay .....                                       | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Benzie .....                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Berrien .....                                   | 2         | (D)   | (D)      | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Branch .....                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Calhoun .....                                   | 1         | (D)   | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cass .....                                      | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cheboygan .....                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clinton .....                                   | 6         | 1,895 | 94,025   | 1         | (D)   | 8         | 2,071 | 61,829   | 3         | 378   |
| Dickinson .....                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Eaton .....                                     | 5         | 5     | 240      | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Genesee .....                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Gratiot .....                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ingham .....                                    | 3         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Midland .....                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Missaukee .....                                 | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Monroe .....                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Muskegon .....                                  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Newaygo .....                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ottawa .....                                    | 4         | 4     | 120      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Presque Isle .....                              | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair .....                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Joseph .....                                | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee .....                                | 3         | (D)   | (D)      | 3,669     | -     | 4         | 356   | 10,767   | -         | -     |
| Tuscola .....                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Wexford .....                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>MINT FOR OIL, PEPPERMINT (POUNDS OF OIL)</b> |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>                              |           |       |          |           |       |           |       |          |           |       |
| Michigan .....                                  | 34        | 948   | 40,432   | 5         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>                                 |           |       |          |           |       |           |       |          |           |       |
| Benzie .....                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Berrien .....                                   | 2         | (D)   | (D)      | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Branch .....                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cass .....                                      | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Cheboygan .....                                 | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clinton .....                                   | 5         | 558   | 19,915   | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Eaton .....                                     | 3         | (D)   | (D)      | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Genesee .....                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Ingham .....                                    | 3         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Midland .....                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Missaukee .....                                 | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Monroe .....                                    | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Muskegon .....                                  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Newaygo .....                                   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |

-continued

**Table 27. Other Field and Forage Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area  | 2002      |       |          |           |       | 1997      |       |          |           |       |
|--|-----------|-------|----------|-----------|-------|-----------|-------|----------|-----------|-------|
|  | Harvested |       |          | Irrigated |       | Harvested |       |          | Irrigated |       |
|  | Farms     | Acres | Quantity | Farms     | Acres | Farms     | Acres | Quantity | Farms     | Acres |
| <b>MINT FOR OIL, PEPPERMINT<br/>(POUNDS OF OIL) - Con.</b> |           |       |          |           |       |           |       |          |           |       |
| <b>Counties - Con.</b>                                     |           |       |          |           |       |           |       |          |           |       |
| Ottawa .....   | 4         | 4     | 120      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Clair .....  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Joseph .....   | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee .....   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Tuscola .....  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>MINT FOR OIL, SPEARMINT<br/>(POUNDS OF OIL)</b>         |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>   |           |       |          |           |       |           |       |          |           |       |
| Michigan .....   | 19        | 1,523 | 80,195   | 4         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>  |           |       |          |           |       |           |       |          |           |       |
| Bay .....  | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Berrien .....  | 2         | (D)   | (D)      | 2         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Calhoun .....  | 1         | (D)   | (D)      | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Clinton .....  | 3         | 1,337 | 74,110   | 1         | (D)   | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Dickinson .....  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Eaton .....  | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Gratiot .....  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Presque Isle .....   | 2         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| St. Joseph .....   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Shiawassee .....   | 3         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| Wexford .....  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>SORGHUM FOR SYRUP<br/>(POUNDS)</b>                      |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>   |           |       |          |           |       |           |       |          |           |       |
| Michigan .....   | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>Counties</b>  |           |       |          |           |       |           |       |          |           |       |
| Calhoun .....  | 1         | (D)   | (D)      | -         | -     | (NA)      | (NA)  | (NA)     | (NA)      | (NA)  |
| <b>OTHER CROPS (SEE TEXT)</b>                              |           |       |          |           |       |           |       |          |           |       |
| <b>State Total</b>   |           |       |          |           |       |           |       |          |           |       |
| Michigan .....   | 48        | 721   | (X)      | 4         | (D)   | 46        | 1,011 | (X)      | 7         | (D)   |
| <b>Counties</b>  |           |       |          |           |       |           |       |          |           |       |
| Antrim .....   | 3         | 27    | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Baraga .....   | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Bay .....  | 3         | (D)   | (X)      | 1         | (D)   | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Cass .....   | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Clinton .....  | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Dickinson .....  | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Eaton .....  | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Gladwin .....  | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Hillsdale .....  | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Ingham .....   | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Kent .....   | 8         | 32    | (X)      | -         | -     | 5         | 37    | (X)      | 2         | (D)   |
| Leelanau .....   | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Lenawee .....  | 1         | (D)   | (X)      | 1         | (D)   | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Livingston .....   | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Macomb .....   | 3         | 5     | (X)      | -         | -     | 5         | (D)   | (X)      | -         | (NA)  |
| Menominee .....  | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Oceana .....   | 1         | (D)   | (X)      | 1         | (D)   | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Ottawa .....   | 1         | (D)   | (X)      | 1         | (D)   | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| St. Clair .....  | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Shiawassee .....   | 6         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Tuscola .....  | 2         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Van Buren .....  | 1         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |
| Washtenaw .....  | 3         | (D)   | (X)      | -         | -     | (NA)      | (NA)  | (X)      | (NA)      | (NA)  |

**Table 28. Land Used For Vegetables and Vegetables Harvested For Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | 2002                                |         |           |        |   |                                     |         | 1997      |        |   |       |       |       |       |
|----------------------|-------------------------------------|---------|-----------|--------|---|-------------------------------------|---------|-----------|--------|---|-------|-------|-------|-------|
|                      | Land used for vegetables (see text) |         |           |        | Vegetables harvested (see text) (acres) | Land used for vegetables (see text) |         |           |        | Vegetables harvested (see text) (acres) |       |       |       |       |
|                      | Harvested                           |         | Irrigated |        |   | Harvested                           |         | Irrigated |        |   |       |       |       |       |
|                      | Farms                               | Acres   | Farms     | Acres  |   | Farms                               | Acres   | Farms     | Acres  |   | Farms | Acres | Farms | Acres |
| <b>STATE TOTAL</b>   |                                     |         |           |        |   |                                     |         |           |        |   |       |       |       |       |
| Michigan .....       | 2,519                               | 135,428 | 817       | 60,186 | 137,887                                 | 2,682                               | 130,544 | 891       | 60,497 | 133,254                                 |       |       |       |       |
| <b>COUNTIES</b>      |                                     |         |           |        |   |                                     |         |           |        |   |       |       |       |       |
| Alcona .....         | 4                                   | 2       | -         | -      | 2                                       | 5                                   | 24      | -         | -      | 24                                      |       |       |       |       |
| Alger .....          | 3                                   | (D)     | 1         | (D)    | (D)                                     | 6                                   | 9       | 1         | (D)    | 8                                       |       |       |       |       |
| Allegan .....        | 77                                  | 7,639   | 42        | 5,299  | 7,953                                   | 96                                  | 7,116   | 56        | 4,719  | 7,580                                   |       |       |       |       |
| Alpena .....         | 21                                  | 142     | 2         | (D)    | 144                                     | 19                                  | 133     | 1         | (D)    | 135                                     |       |       |       |       |
| Antrim .....         | 30                                  | 302     | 12        | 51     | 306                                     | 21                                  | 176     | 11        | 37     | 175                                     |       |       |       |       |
| Arenac .....         | 19                                  | 3,275   | 1         | (D)    | 3,279                                   | 30                                  | 1,919   | 4         | (D)    | 1,920                                   |       |       |       |       |
| Baraga .....         | 2                                   | (D)     | -         | -      | (D)                                     | (NA)                                | (NA)    | (NA)      | (NA)   | (NA)                                    |       |       |       |       |
| Barry .....          | 25                                  | 80      | 7         | 31     | 82                                      | 19                                  | 127     | 6         | 20     | 128                                     |       |       |       |       |
| Bay .....            | 73                                  | 3,467   | 14        | 377    | 3,491                                   | 69                                  | 2,531   | 18        | 739    | 2,581                                   |       |       |       |       |
| Benzie .....         | 21                                  | 172     | 7         | 64     | 177                                     | 6                                   | 82      | 2         | (D)    | 82                                      |       |       |       |       |
| Berrien .....        | 155                                 | 7,347   | 77        | 4,974  | 7,391                                   | 203                                 | 6,329   | 106       | 3,420  | 6,424                                   |       |       |       |       |
| Branch .....         | 32                                  | 2,481   | 17        | 1,417  | 2,639                                   | 31                                  | 1,309   | 18        | 1,138  | 1,309                                   |       |       |       |       |
| Calhoun .....        | 30                                  | 489     | 9         | 263    | 490                                     | 26                                  | 450     | 9         | 180    | 452                                     |       |       |       |       |
| Cass .....           | 28                                  | 4,812   | 21        | 4,531  | 4,957                                   | 41                                  | 1,210   | 24        | 929    | 1,249                                   |       |       |       |       |
| Charlevoix .....     | 8                                   | 163     | 4         | 17     | 163                                     | 9                                   | 113     | 1         | (D)    | 113                                     |       |       |       |       |
| Cheboygan .....      | 15                                  | 69      | 2         | (D)    | 69                                      | 10                                  | 26      | -         | -      | 26                                      |       |       |       |       |
| Chippewa .....       | 5                                   | 66      | 5         | 66     | 67                                      | (NA)                                | (NA)    | (NA)      | (NA)   | (NA)                                    |       |       |       |       |
| Clare .....          | 6                                   | 15      | -         | -      | 16                                      | 4                                   | 31      | -         | -      | 29                                      |       |       |       |       |
| Clinton .....        | 32                                  | 523     | 10        | 323    | 523                                     | 32                                  | 581     | 12        | 234    | 582                                     |       |       |       |       |
| Crawford .....       | 1                                   | (D)     | -         | -      | (D)                                     | 3                                   | 23      | -         | -      | 23                                      |       |       |       |       |
| Delta .....          | 20                                  | 378     | 4         | (D)    | 379                                     | 16                                  | 104     | 6         | 47     | 106                                     |       |       |       |       |
| Dickinson .....      | 3                                   | 6       | -         | -      | 6                                       | 4                                   | (D)     | 1         | (D)    | (D)                                     |       |       |       |       |
| Eaton .....          | 21                                  | 1,387   | 7         | 390    | 1,390                                   | 32                                  | 738     | 5         | 96     | 738                                     |       |       |       |       |
| Emmet .....          | 21                                  | 227     | 4         | 65     | 227                                     | 17                                  | 197     | 9         | 41     | 197                                     |       |       |       |       |
| Genesee .....        | 52                                  | 609     | 10        | 132    | 639                                     | 58                                  | 640     | 10        | 67     | 639                                     |       |       |       |       |
| Gladwin .....        | 8                                   | 106     | 2         | (D)    | 106                                     | 16                                  | 93      | 6         | 19     | 98                                      |       |       |       |       |
| Grand Traverse ..... | 27                                  | 502     | 9         | 63     | 504                                     | 43                                  | 1,543   | 9         | 158    | 1,542                                   |       |       |       |       |
| Gratiot .....        | 35                                  | 5,617   | 8         | 580    | 5,619                                   | 40                                  | 4,551   | 9         | 373    | 4,548                                   |       |       |       |       |
| Hillsdale .....      | 13                                  | 447     | 4         | (D)    | 447                                     | 15                                  | 81      | 5         | 36     | 85                                      |       |       |       |       |
| Houghton .....       | 10                                  | 15      | 5         | 4      | 16                                      | 15                                  | 49      | 8         | 27     | 47                                      |       |       |       |       |
| Huron .....          | 17                                  | 130     | 5         | 28     | 133                                     | 11                                  | 52      | 5         | 20     | 52                                      |       |       |       |       |
| Ingham .....         | 29                                  | 478     | 6         | (D)    | 506                                     | 24                                  | 458     | 7         | 298    | 457                                     |       |       |       |       |
| Ionia .....          | 19                                  | 569     | 6         | 24     | 625                                     | 18                                  | 512     | 3         | 96     | 527                                     |       |       |       |       |
| Iosco .....          | 10                                  | 25      | 1         | (D)    | 25                                      | 4                                   | 18      | 1         | (D)    | 17                                      |       |       |       |       |
| Iron .....           | 2                                   | (D)     | -         | -      | (D)                                     | 4                                   | 18      | -         | -      | 18                                      |       |       |       |       |
| Isabella .....       | 22                                  | 957     | 6         | 275    | 959                                     | 16                                  | 1,970   | 4         | 259    | 1,983                                   |       |       |       |       |
| Jackson .....        | 48                                  | 981     | 17        | 494    | 988                                     | 45                                  | 1,130   | 14        | 262    | 1,127                                   |       |       |       |       |
| Kalamazoo .....      | 32                                  | 1,395   | 12        | 1,006  | 1,395                                   | 53                                  | 1,738   | 22        | 1,225  | 1,746                                   |       |       |       |       |
| Kalkaska .....       | 6                                   | (D)     | 5         | (D)    | (D)                                     | 9                                   | 691     | 4         | 680    | 691                                     |       |       |       |       |
| Kent .....           | 63                                  | 2,276   | 17        | 1,276  | 2,281                                   | 90                                  | 4,121   | 34        | 1,844  | 4,123                                   |       |       |       |       |
| Lake .....           | 2                                   | (D)     | -         | -      | (D)                                     | (NA)                                | (NA)    | (NA)      | (NA)   | (NA)                                    |       |       |       |       |
| Lapeer .....         | 68                                  | 3,199   | 28        | 957    | 3,210                                   | 59                                  | 3,200   | 15        | 1,316  | 3,307                                   |       |       |       |       |
| Leelanau .....       | 22                                  | 184     | 11        | 25     | 185                                     | 19                                  | 282     | 11        | 52     | 281                                     |       |       |       |       |
| Lenawee .....        | 40                                  | 3,015   | 13        | 1,414  | 3,097                                   | 44                                  | 4,154   | 11        | 860    | 4,155                                   |       |       |       |       |
| Livingston .....     | 33                                  | 1,467   | 7         | (D)    | 1,622                                   | 40                                  | 1,400   | 15        | (D)    | 1,608                                   |       |       |       |       |
| Luce .....           | 2                                   | (D)     | -         | -      | (D)                                     | (NA)                                | (NA)    | (NA)      | (NA)   | (NA)                                    |       |       |       |       |
| Mackinac .....       | 1                                   | (D)     | -         | -      | (D)                                     | 5                                   | 21      | -         | -      | 24                                      |       |       |       |       |
| Macomb .....         | 75                                  | 3,783   | 21        | 1,105  | 3,944                                   | 85                                  | 3,774   | 17        | 778    | 3,777                                   |       |       |       |       |
| Manistee .....       | 21                                  | 840     | 7         | 90     | 840                                     | 25                                  | 897     | 14        | 621    | 903                                     |       |       |       |       |
| Marquette .....      | 5                                   | 8       | -         | -      | 9                                       | 4                                   | 18      | -         | -      | 18                                      |       |       |       |       |
| Mason .....          | 64                                  | 5,629   | 11        | 966    | 5,639                                   | 86                                  | 5,598   | 13        | 678    | 5,599                                   |       |       |       |       |
| Mecosta .....        | 53                                  | 1,236   | 18        | 68     | 1,239                                   | 35                                  | 1,642   | 15        | 1,084  | 1,642                                   |       |       |       |       |
| Menominee .....      | 5                                   | 40      | 2         | (D)    | 43                                      | 14                                  | 48      | -         | -      | 48                                      |       |       |       |       |
| Midland .....        | 18                                  | 158     | 3         | (D)    | 159                                     | 17                                  | 178     | 2         | (D)    | 178                                     |       |       |       |       |
| Missaukee .....      | 3                                   | 6       | 2         | (D)    | (D)                                     | 5                                   | 25      | 2         | (D)    | 25                                      |       |       |       |       |
| Monroe .....         | 71                                  | 4,304   | 18        | 2,812  | 4,479                                   | 73                                  | 2,981   | 21        | 1,468  | 2,979                                   |       |       |       |       |
| Montcalm .....       | 46                                  | 5,261   | 35        | 4,985  | 5,267                                   | 52                                  | 5,251   | 26        | 4,931  | 5,250                                   |       |       |       |       |
| Montmorency .....    | 4                                   | 10      | -         | -      | 10                                      | 5                                   | 11      | -         | -      | 11                                      |       |       |       |       |
| Muskegon .....       | 29                                  | 2,764   | 10        | 1,142  | 2,784                                   | 50                                  | 3,391   | 16        | 1,635  | 3,390                                   |       |       |       |       |
| Newaygo .....        | 50                                  | 4,870   | 19        | 2,866  | 4,941                                   | 50                                  | 5,112   | 25        | 2,668  | 5,111                                   |       |       |       |       |
| Oakland .....        | 32                                  | 587     | 8         | 9      | 590                                     | 23                                  | 517     | 8         | 104    | 519                                     |       |       |       |       |
| Oceana .....         | 179                                 | 16,292  | 27        | 2,378  | 16,312                                  | 207                                 | 15,013  | 22        | 1,963  | 15,041                                  |       |       |       |       |
| Ogemaw .....         | 6                                   | 12      | 3         | 2      | 15                                      | (NA)                                | (NA)    | (NA)      | (NA)   | (NA)                                    |       |       |       |       |
| Osceola .....        | 5                                   | 125     | 3         | 12     | 125                                     | (NA)                                | (NA)    | (NA)      | (NA)   | (NA)                                    |       |       |       |       |
| Oscola .....         | 1                                   | (D)     | -         | -      | (D)                                     | 6                                   | 14      | 1         | (D)    | 14                                      |       |       |       |       |
| Otsego .....         | 11                                  | 64      | 6         | 12     | 66                                      | 5                                   | (D)     | 2         | (D)    | (D)                                     |       |       |       |       |
| Ottawa .....         | 113                                 | 3,387   | 51        | 1,467  | 3,602                                   | 107                                 | 3,497   | 47        | 1,881  | 3,513                                   |       |       |       |       |
| Presque Isle .....   | 10                                  | 99      | -         | -      | 100                                     | 10                                  | 88      | 1         | (D)    | 89                                      |       |       |       |       |
| Roscommon .....      | 2                                   | (D)     | 2         | (D)    | (D)                                     | (NA)                                | (NA)    | (NA)      | (NA)   | (NA)                                    |       |       |       |       |
| Saginaw .....        | 59                                  | 3,477   | 7         | 27     | 3,486                                   | 47                                  | 3,151   | 6         | 87     | 3,150                                   |       |       |       |       |
| St. Clair .....      | 44                                  | 1,007   | 9         | 73     | 1,021                                   | 49                                  | 1,234   | 4         | (D)    | 1,239                                   |       |       |       |       |
| St. Joseph .....     | 69                                  | 9,373   | 43        | 6,682  | 9,931                                   | 73                                  | 9,707   | 66        | 9,041  | 10,392                                  |       |       |       |       |
| Sanilac .....        | 34                                  | 255     | 10        | 48     | 259                                     | 32                                  | 1,245   | 6         | (D)    | 1,242                                   |       |       |       |       |
| Schoolcraft .....    | 6                                   | 28      | 2         | (D)    | 28                                      | 4                                   | 18      | 1         | (D)    | 18                                      |       |       |       |       |
| Shiawassee .....     | 20                                  | 77      | 2         | (D)    | 84                                      | 24                                  | 91      | 5         | 8      | 94                                      |       |       |       |       |
| Tuscola .....        | 52                                  | 2,221   | 15        | 305    | 2,230                                   | 39                                  | 2,576   | 11        | 1,130  | 2,576                                   |       |       |       |       |
| Van Buren .....      | 91                                  | 10,514  | 41        | 9,041  | 10,553                                  | 108                                 | 11,190  | 37        | 8,960  | 12,132                                  |       |       |       |       |
| Washtenaw .....      | 70                                  | 2,102   | 14        | 407    | 2,124                                   | 59                                  | 2,224   | 28        | 2,016  | 2,239                                   |       |       |       |       |
| Wayne .....          | 44                                  | 1,325   | 8         | 302    | 1,336                                   | 41                                  | 968     | 5         | 22     | 972                                     |       |       |       |       |
| Wexford .....        | 14                                  | 191     | 2         | (D)    | 191                                     | 6                                   | 15      | 3         | 6      | 15                                      |       |       |       |       |

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                                     | 2002      |         |                          |        | 1997 harvested |         |
|---|-----------|---------|--------------------------|--------|----------------|---------|
|   | Harvested |         | Harvested for processing |        |                |         |
|   | Farms     | Acres   | Farms                    | Acres  | Farms          | Acres   |
| <b>VEGETABLES HARVESTED FOR SALE<br/>(SEE TEXT)</b> |           |         |                          |        |                |         |
| <b>State Total</b>                                  |           |         |                          |        |                |         |
| Michigan .....                                      | 2,519     | 137,887 | 639                      | 76,254 | 2,682          | 133,254 |
| <b>Counties</b>                                     |           |         |                          |        |                |         |
| Alcona .....  | 4         | 2       | 2                        | (D)    | 5              | 24      |
| Alger .....   | 3         | (D)     | -                        | -      | 6              | 8       |
| Allegan .....                                       | 77        | 7,953   | 24                       | 5,008  | 96             | 7,580   |
| Alpena .....  | 21        | 144     | 1                        | (D)    | 19             | 135     |
| Antrim .....  | 30        | 306     | 3                        | (D)    | 21             | 175     |
| Arenac .....  | 19        | 3,279   | 13                       | 3,232  | 30             | 1,920   |
| Baraga .....  | 2         | (D)     | 1                        | (D)    | (NA)           | (NA)    |
| Barry .....   | 25        | 82      | 5                        | 18     | 19             | 128     |
| Bay .....   | 73        | 3,491   | 18                       | 2,228  | 69             | 2,581   |
| Benzie .....  | 21        | 177     | 3                        | (D)    | 6              | 82      |
| Berrien .....                                       | 155       | 7,391   | 19                       | 911    | 203            | 6,424   |
| Branch .....  | 32        | 2,639   | 13                       | 2,063  | 31             | 1,309   |
| Calhoun .....                                       | 30        | 490     | 2                        | (D)    | 26             | 452     |
| Cass .....  | 28        | 4,957   | 9                        | 3,602  | 41             | 1,249   |
| Charlevoix .....                                    | 8         | 163     | 1                        | (D)    | 9              | 113     |
| Cheboygan .....                                     | 15        | 69      | 4                        | 28     | 10             | 26      |
| Chippewa .....                                      | 5         | 67      | -                        | -      | (NA)           | (NA)    |
| Clare .....   | 6         | 16      | -                        | -      | 4              | 29      |
| Clinton .....                                       | 32        | 523     | 3                        | 102    | 32             | 582     |
| Crawford .....                                      | 1         | (D)     | -                        | -      | 3              | 23      |
| Delta .....   | 20        | 379     | 4                        | 134    | 16             | 106     |
| Dickinson .....                                     | 3         | 6       | -                        | -      | 4              | (D)     |
| Eaton .....   | 21        | 1,390   | 4                        | 8      | 32             | 738     |
| Emmet .....   | 21        | 227     | 5                        | 48     | 17             | 197     |
| Genesee .....                                       | 52        | 639     | 6                        | 62     | 58             | 639     |
| Gladwin .....                                       | 8         | 106     | -                        | -      | 16             | 98      |
| Grand Traverse .....                                | 27        | 504     | -                        | -      | 43             | 1,542   |
| Gratiot .....                                       | 35        | 5,619   | 16                       | 5,063  | 40             | 4,548   |
| Hillsdale .....                                     | 13        | 447     | 5                        | (D)    | 15             | 85      |
| Houghton .....                                      | 10        | 16      | 1                        | (D)    | 15             | 47      |
| Huron .....   | 17        | 133     | -                        | -      | 11             | 52      |
| Ingham .....  | 29        | 506     | 4                        | (D)    | 24             | 457     |
| Ionia .....   | 19        | 625     | 2                        | (D)    | 18             | 527     |
| Iosco .....   | 10        | 25      | 2                        | (D)    | 4              | 17      |
| Iron .....  | 2         | (D)     | -                        | -      | 4              | 18      |
| Isabella .....                                      | 22        | 959     | 5                        | 222    | 16             | 1,983   |
| Jackson .....                                       | 48        | 988     | 4                        | 49     | 45             | 1,127   |
| Kalamazoo .....                                     | 32        | 1,395   | 7                        | 912    | 53             | 1,746   |
| Kalkaska .....                                      | 6         | (D)     | 2                        | (D)    | 9              | 691     |
| Kent .....  | 63        | 2,281   | 14                       | 495    | 90             | 4,123   |
| Lake .....  | 2         | (D)     | -                        | -      | (NA)           | (NA)    |
| Lapeer .....  | 68        | 3,210   | 8                        | 57     | 59             | 3,307   |
| Leelanau .....                                      | 22        | 185     | 2                        | (D)    | 19             | 281     |
| Lenawee .....                                       | 40        | 3,097   | 11                       | 1,742  | 44             | 4,155   |
| Livingston .....                                    | 33        | 1,622   | 6                        | 115    | 40             | 1,608   |
| Luce .....  | 2         | (D)     | -                        | -      | (NA)           | (NA)    |
| Mackinac .....                                      | 1         | (D)     | -                        | -      | 5              | 24      |
| Macomb .....  | 75        | 3,944   | 12                       | 235    | 85             | 3,777   |
| Manistee .....                                      | 21        | 840     | 8                        | 340    | 25             | 903     |
| Marquette .....                                     | 5         | 9       | -                        | -      | 4              | 18      |
| Mason .....   | 64        | 5,639   | 48                       | 4,377  | 86             | 5,599   |
| Mecosta .....                                       | 53        | 1,239   | 11                       | (D)    | 35             | 1,642   |
| Menominee .....                                     | 5         | 43      | 1                        | (D)    | 14             | 48      |
| Midland .....                                       | 18        | 159     | 3                        | 111    | 17             | 178     |
| Missaukee .....                                     | 3         | (D)     | -                        | -      | 5              | 25      |
| Monroe .....  | 71        | 4,479   | 15                       | 1,863  | 73             | 2,979   |
| Montcalm .....                                      | 46        | 5,267   | 22                       | 4,573  | 52             | 5,250   |
| Montmorency .....                                   | 4         | 10      | -                        | -      | 5              | 11      |
| Muskegon .....                                      | 29        | 2,784   | 6                        | 1,981  | 50             | 3,390   |
| Newaygo .....                                       | 50        | 4,941   | 16                       | 1,403  | 50             | 5,111   |
| Oakland .....                                       | 32        | 590     | -                        | -      | 23             | 519     |
| Oceana .....  | 179       | 16,312  | 124                      | 11,532 | 207            | 15,041  |
| Ogemaw .....  | 6         | 15      | 1                        | (D)    | (NA)           | (NA)    |
| Osceola .....                                       | 5         | 125     | 1                        | (D)    | (NA)           | (NA)    |
| Oscoda .....  | 1         | (D)     | -                        | -      | 6              | 14      |
| Otsego .....  | 11        | 66      | -                        | -      | 5              | (D)     |
| Ottawa .....  | 113       | 3,602   | 19                       | 820    | 107            | 3,513   |
| Presque Isle .....                                  | 10        | 100     | 4                        | 62     | 10             | 89      |
| Roscommon .....                                     | 2         | (D)     | -                        | -      | (NA)           | (NA)    |
| Saginaw .....                                       | 59        | 3,486   | 17                       | 3,089  | 47             | 3,150   |
| St. Clair .....                                     | 44        | 1,021   | 4                        | 13     | 49             | 1,239   |
| St. Joseph .....                                    | 69        | 9,931   | 41                       | 9,026  | 73             | 10,392  |
| Sanilac .....                                       | 34        | 259     | 3                        | (D)    | 32             | 1,242   |
| Schoolcraft .....                                   | 6         | 28      | -                        | -      | 4              | 18      |
| Shiawassee .....                                    | 20        | 84      | 1                        | (D)    | 24             | 94      |
| Tuscola .....                                       | 52        | 2,230   | 18                       | 1,594  | 39             | 2,576   |
| Van Buren .....                                     | 91        | 10,553  | 29                       | 7,217  | 108            | 12,132  |
| Washtenaw .....                                     | 70        | 2,124   | 3                        | (D)    | 59             | 2,239   |
| Wayne .....   | 44        | 1,336   | 3                        | 101    | 41             | 972     |
| Wexford .....                                       | 14        | 191     | -                        | -      | 6              | 15      |
| <b>ASPARAGUS</b>                                    |           |         |                          |        |                |         |
| <b>State Total</b>                                  |           |         |                          |        |                |         |
| Michigan .....                                      | 431       | 16,157  | 183                      | 10,768 | 576            | 18,266  |

--continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area         | 2002      |        |                          |        | 1997 harvested |        |
|-------------------------|-----------|--------|--------------------------|--------|----------------|--------|
|                         | Harvested |        | Harvested for processing |        |                |        |
|                         | Farms     | Acres  | Farms                    | Acres  | Farms          | Acres  |
| <b>ASPARAGUS - Con.</b> |           |        |                          |        |                |        |
| <b>Counties</b>         |           |        |                          |        |                |        |
| Allan                   | 6         | 51     | -                        | -      | 14             | 121    |
| Alpena                  | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Antrim                  | 2         | (D)    | 1                        | (D)    | (NA)           | (NA)   |
| Barry                   | 1         | (D)    | -                        | -      | 6              | 25     |
| Bay                     | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Benzie                  | 3         | (D)    | -                        | -      | 3              | (D)    |
| Berrien                 | 17        | 181    | 3                        | (D)    | 24             | 393    |
| Branch                  | 9         | 28     | -                        | -      | 4              | (D)    |
| Calhoun                 | 2         | (D)    | -                        | -      | 3              | (D)    |
| Cass                    | 9         | 392    | 3                        | (D)    | 6              | 211    |
| Charlevoix              | 2         | (D)    | -                        | -      | 4              | (D)    |
| Cheboygan               | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Clare                   | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Clinton                 | 2         | (D)    | -                        | -      | 7              | 28     |
| Delta                   | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Eaton                   | 1         | (D)    | 1                        | (D)    | (NA)           | (NA)   |
| Emmet                   | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Genesee                 | 6         | 13     | -                        | -      | 4              | 11     |
| Grand Traverse          | 3         | (D)    | -                        | -      | 4              | 79     |
| Gratiot                 | 4         | 3      | -                        | -      | (NA)           | (NA)   |
| Houghton                | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Huron                   | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Ingham                  | 5         | 10     | -                        | -      | 3              | (D)    |
| Ionia                   | 6         | 20     | -                        | -      | (NA)           | (NA)   |
| Isabella                | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Jackson                 | 5         | 12     | -                        | -      | 9              | (D)    |
| Kalamazoo               | 4         | 25     | -                        | -      | 4              | 63     |
| Kent                    | 5         | 16     | -                        | -      | 14             | 128    |
| Lake                    | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Lapeer                  | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Leelanau                | 5         | 10     | -                        | -      | (NA)           | (NA)   |
| Lenawee                 | 4         | 3      | -                        | -      | 6              | 10     |
| Macomb                  | 4         | 11     | -                        | -      | 7              | 10     |
| Manistee                | 7         | 254    | 2                        | (D)    | 17             | 355    |
| Marquette               | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Mason                   | 44        | 2,555  | 38                       | 1,819  | 63             | 3,212  |
| Mecosta                 | 8         | 284    | 2                        | (D)    | 9              | 417    |
| Menominee               | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Midland                 | 4         | 5      | -                        | -      | 4              | 4      |
| Monroe                  | 7         | 7      | -                        | -      | 5              | 7      |
| Montcalm                | 8         | 18     | 2                        | (D)    | 3              | 7      |
| Muskegon                | 5         | 81     | -                        | -      | 15             | 321    |
| Newaygo                 | 6         | 141    | 4                        | 140    | 7              | 116    |
| Oakland                 | 2         | (D)    | -                        | -      | 3              | (D)    |
| Oceana                  | 153       | 10,403 | 109                      | 7,555  | 188            | 10,418 |
| Osceola                 | 1         | (D)    | 1                        | (D)    | (NA)           | (NA)   |
| Ottawa                  | 9         | 285    | 1                        | (D)    | 25             | 326    |
| Saginaw                 | 6         | 6      | 1                        | (D)    | 8              | 8      |
| St. Clair               | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| St. Joseph              | 8         | 36     | 1                        | (D)    | 5              | 156    |
| Sanilac                 | 2         | (D)    | -                        | -      | 3              | (D)    |
| Shiawassee              | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Van Buren               | 22        | (D)    | 13                       | 634    | 42             | 1,447  |
| Washtenaw               | 9         | 54     | 1                        | (D)    | 11             | 46     |
| Wayne                   | 5         | 10     | -                        | -      | (NA)           | (NA)   |
| Wexford                 | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| <b>GREEN LIMA BEANS</b> |           |        |                          |        |                |        |
| <b>State Total</b>      |           |        |                          |        |                |        |
| Michigan                | 15        | (D)    | 1                        | (D)    | 21             | (D)    |
| <b>Counties</b>         |           |        |                          |        |                |        |
| Berrien                 | 6         | 4      | -                        | -      | 6              | 2      |
| Jackson                 | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Kalkaska                | 1         | (D)    | 1                        | (D)    | (NA)           | (NA)   |
| Monroe                  | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Ottawa                  | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Washtenaw               | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Wayne                   | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| <b>SNAP BEANS</b>       |           |        |                          |        |                |        |
| <b>State Total</b>      |           |        |                          |        |                |        |
| Michigan                | 502       | 20,726 | 107                      | 17,212 | 481            | 19,093 |
| <b>Counties</b>         |           |        |                          |        |                |        |
| Allan                   | 9         | 102    | -                        | -      | 7              | 11     |
| Alpena                  | 4         | 2      | -                        | -      | (NA)           | (NA)   |
| Antrim                  | 10        | 6      | -                        | -      | 5              | 1      |
| Arenac                  | 1         | (D)    | -                        | -      | 5              | (D)    |
| Barry                   | 5         | 2      | -                        | -      | 5              | 2      |
| Bay                     | 9         | (D)    | -                        | -      | 8              | 5      |
| Benzie                  | 6         | 5      | -                        | -      | (NA)           | (NA)   |
| Berrien                 | 19        | 76     | 1                        | (D)    | 29             | 89     |
| Branch                  | 23        | 1,687  | 11                       | 1,504  | 9              | 422    |
| Calhoun                 | 5         | 2      | -                        | -      | 4              | 1      |
| Cass                    | 7         | (D)    | 2                        | (D)    | 8              | 269    |

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area          | 2002      |       |                          |       | 1997 harvested |       |
|--------------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                          | Harvested |       | Harvested for processing |       |                |       |
|                          | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>SNAP BEANS - Con.</b> |           |       |                          |       |                |       |
| <b>Counties - Con.</b>   |           |       |                          |       |                |       |
| Charlevoix               | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cheboygan                | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Chippewa                 | 2         | (D)   | 1                        | (D)   | 3              | 5     |
| Clinton                  | 4         | (D)   | 1                        | 134   | 3              | 1     |
| Delta                    | 5         | 264   | 4                        | -     | 3              | 1     |
| Eaton                    | 3         | (D)   | -                        | -     | 3              | 1     |
| Emmet                    | 12        | 25    | -                        | -     | 6              | 5     |
| Genesee                  | 14        | 50    | 1                        | (D)   | 10             | 104   |
| Gladwin                  | 2         | (D)   | -                        | -     | 3              | 1     |
| Grand Traverse           | 11        | 310   | -                        | -     | 14             | 1,183 |
| Gratiot                  | 3         | 3     | -                        | -     | 8              | 460   |
| Hillsdale                | 4         | (D)   | 3                        | (D)   | 5              | 2     |
| Houghton                 | 4         | 1     | -                        | -     | 5              | 1     |
| Huron                    | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ingham                   | 9         | 5     | 2                        | (D)   | 7              | 2     |
| Ionia                    | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Iosco                    | 4         | (Z)   | -                        | -     | (NA)           | (NA)  |
| Isabella                 | 8         | 217   | 2                        | (D)   | 5              | 659   |
| Jackson                  | 19        | 23    | -                        | -     | 15             | 9     |
| Kalamazoo                | 11        | 959   | 6                        | (D)   | 13             | 935   |
| Kalkaska                 | 1         | (D)   | 1                        | (D)   | 4              | (D)   |
| Kent                     | 12        | 46    | -                        | -     | 17             | 18    |
| Lapeer                   | 8         | (D)   | -                        | -     | 12             | (D)   |
| Leelanau                 | 4         | (D)   | -                        | -     | 4              | 1     |
| Lenawee                  | 5         | 3     | 1                        | (D)   | 5              | 6     |
| Livingston               | 7         | 2     | 1                        | (D)   | 3              | (D)   |
| Mackinac                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                   | 22        | 701   | 4                        | 25    | 24             | 396   |
| Manistee                 | 1         | (D)   | -                        | -     | 4              | 3     |
| Marquette                | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Mason                    | 19        | 1,941 | 14                       | 1,818 | 22             | 1,782 |
| Mecosta                  | 6         | (D)   | -                        | -     | 5              | 254   |
| Monroe                   | 10        | 110   | -                        | -     | 15             | 96    |
| Montcalm                 | 15        | 2,278 | 12                       | 2,276 | 13             | 2,800 |
| Muskegon                 | 3         | (D)   | 1                        | (D)   | 7              | 380   |
| Newaygo                  | 7         | 12    | -                        | -     | 5              | 2     |
| Oakland                  | 2         | (D)   | -                        | -     | 6              | 5     |
| Oceana                   | 12        | 1,209 | 9                        | 1,077 | 11             | 910   |
| Ottawa                   | 29        | 77    | 2                        | (D)   | 18             | 62    |
| Presque Isle             | 4         | 1     | 1                        | (D)   | (NA)           | (NA)  |
| Saginaw                  | 10        | 5     | -                        | -     | 9              | 14    |
| St. Clair                | 3         | (D)   | -                        | -     | 12             | 14    |
| St. Joseph               | 29        | 5,326 | 26                       | 5,119 | 41             | 6,120 |
| Sanilac                  | 13        | 6     | -                        | -     | 6              | 1     |
| Tuscola                  | 10        | (D)   | 1                        | (D)   | 5              | (D)   |
| Van Buren                | 8         | (D)   | 1                        | (D)   | 10             | (D)   |
| Washtenaw                | 18        | 10    | -                        | -     | 13             | 23    |
| Wayne                    | 12        | 72    | -                        | -     | 8              | 24    |
| Wexford                  | 7         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>BEETS</b>             |           |       |                          |       |                |       |
| <b>State Total</b>       |           |       |                          |       |                |       |
| Michigan                 | 65        | 255   | 1                        | (D)   | 83             | 232   |
| <b>Counties</b>          |           |       |                          |       |                |       |
| Allegan                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Alpena                   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Antrim                   | 2         | (D)   | -                        | -     | 5              | 11    |
| Barry                    | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay                      | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Berrien                  | 3         | 1     | -                        | -     | 6              | 6     |
| Branch                   | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Calhoun                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cass                     | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Chippewa                 | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Emmet                    | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Gratiot                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Houghton                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ingham                   | 1         | (D)   | -                        | -     | 3              | (D)   |
| Ionia                    | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson                  | 2         | (D)   | -                        | -     | 3              | 1     |
| Lake                     | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer                   | 4         | 69    | -                        | -     | 11             | 84    |
| Lenawee                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                   | 2         | (D)   | -                        | -     | 8              | 8     |
| Marquette                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mason                    | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mecosta                  | 3         | 3     | -                        | -     | (NA)           | (NA)  |
| Monroe                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo                  | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                   | 6         | 23    | -                        | -     | 3              | 1     |
| Saginaw                  | 3         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| St. Clair                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Sanilac                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Tuscola                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Van Buren                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw                | 2         | (D)   | -                        | -     | 3              | (D)   |
| Wayne                    | 1         | (D)   | -                        | -     | (NA)           | (NA)  |

--continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area         | 2002      |       |                          |       | 1997 harvested |       |
|-------------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                         | Harvested |       | Harvested for processing |       |                |       |
|                         | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>BROCCOLI</b>         |           |       |                          |       |                |       |
| <b>State Total</b>      |           |       |                          |       |                |       |
| Michigan                | 124       | 250   | 3                        | 125   | 132            | 224   |
| <b>Counties</b>         |           |       |                          |       |                |       |
| Allegan                 | 2         | (D)   | -                        | -     | 4              | 5     |
| Antrim                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Arenac                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Barry                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay                     | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Benzie                  | 6         | 3     | -                        | -     | (NA)           | (NA)  |
| Berrien                 | 10        | 31    | 1                        | (D)   | 14             | 15    |
| Cass                    | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cheboygan               | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Delta                   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Genesee                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Grand Traverse          | 5         | 2     | -                        | -     | (NA)           | (NA)  |
| Gratiot                 | 4         | 3     | -                        | -     | (NA)           | (NA)  |
| Ingham                  | 3         | 1     | -                        | -     | 5              | 2     |
| Jackson                 | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Lake                    | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer                  | 8         | 4     | -                        | -     | 3              | 1     |
| Leelanau                | 3         | 2     | -                        | -     | (NA)           | (NA)  |
| Livingston              | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Macomb                  | 10        | 25    | -                        | -     | 15             | 70    |
| Manistee                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Marquette               | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mason                   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Oakland                 | 1         | (D)   | -                        | -     | 3              | (D)   |
| Oceana                  | 8         | 141   | 2                        | (D)   | 6              | (D)   |
| Ottawa                  | 11        | 7     | -                        | -     | 6              | 10    |
| Saginaw                 | 2         | (D)   | -                        | -     | 5              | 2     |
| St. Clair               | 4         | 11    | -                        | -     | 6              | 9     |
| St. Joseph              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Sanilac                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Shiawassee              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Tuscola                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Van Buren               | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw               | 6         | 2     | -                        | -     | 8              | 3     |
| Wayne                   | 4         | 2     | -                        | -     | 5              | 3     |
| Wexford                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>BRUSSELS SPROUTS</b> |           |       |                          |       |                |       |
| <b>State Total</b>      |           |       |                          |       |                |       |
| Michigan                | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>Counties</b>         |           |       |                          |       |                |       |
| Eaton                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>CHINESE CABBAGE</b>  |           |       |                          |       |                |       |
| <b>State Total</b>      |           |       |                          |       |                |       |
| Michigan                | 5         | 115   | -                        | -     | 3              | (D)   |
| <b>Counties</b>         |           |       |                          |       |                |       |
| Isabella                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                    | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>HEAD CABBAGE</b>     |           |       |                          |       |                |       |
| <b>State Total</b>      |           |       |                          |       |                |       |
| Michigan                | 212       | 2,139 | 5                        | 447   | 260            | 2,144 |
| <b>Counties</b>         |           |       |                          |       |                |       |
| Allegan                 | 3         | 5     | -                        | -     | 6              | 11    |
| Barry                   | 2         | (D)   | -                        | -     | 4              | 1     |
| Bay                     | 13        | 88    | -                        | -     | 16             | 136   |
| Berrien                 | 17        | 30    | -                        | -     | 13             | (D)   |
| Branch                  | 10        | 7     | -                        | -     | (NA)           | (NA)  |
| Calhoun                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cass                    | 3         | 2     | -                        | -     | 4              | (D)   |
| Cheboygan               | 3         | (Z)   | -                        | -     | (NA)           | (NA)  |
| Delta                   | 4         | (D)   | -                        | -     | 11             | 68    |
| Eaton                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet                   | 2         | (D)   | -                        | -     | 3              | (D)   |
| Genesee                 | 8         | 17    | 1                        | (D)   | 4              | 17    |
| Gladwin                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Gratiot                 | 4         | 33    | -                        | -     | 5              | (D)   |
| Hillsdale               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Houghton                | 1         | (D)   | -                        | -     | 3              | (D)   |
| Huron                   | 1         | (D)   | -                        | -     | 4              | (D)   |
| Ingham                  | 2         | (D)   | -                        | -     | 5              | (D)   |

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area            | 2002      |       |                          |       | 1997 harvested |       |
|----------------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                            | Harvested |       | Harvested for processing |       |                |       |
|                            | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>HEAD CABBAGE - Con.</b> |           |       |                          |       |                |       |
| <b>Counties - Con.</b>     |           |       |                          |       |                |       |
| Ionia                      | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Iosco                      | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson                    | 4         | 1     | -                        | -     | 4              | (D)   |
| Kalamazoo                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                       | 2         | (D)   | -                        | -     | 12             | (D)   |
| Lapeer                     | 7         | 49    | -                        | -     | 8              | 59    |
| Leelanau                   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lenawee                    | 4         | 480   | 3                        | (D)   | 3              | (D)   |
| Livingston                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                     | 19        | 71    | 1                        | (D)   | 31             | 301   |
| Mason                      | 3         | 9     | -                        | -     | (NA)           | (NA)  |
| Mecosta                    | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Menominee                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe                     | 12        | 583   | -                        | -     | 14             | 173   |
| Montcalm                   | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Muskegon                   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo                    | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Oceana                     | 2         | (D)   | -                        | -     | 6              | 130   |
| Ogemaw                     | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Oscoda                     | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                     | 7         | (D)   | -                        | -     | 12             | (D)   |
| Saginaw                    | 6         | 3     | -                        | -     | 8              | 6     |
| St. Clair                  | 9         | 78    | -                        | -     | 10             | 58    |
| Sanilac                    | 7         | 3     | -                        | -     | 5              | 3     |
| Tuscola                    | 3         | 3     | -                        | -     | 4              | (D)   |
| Van Buren                  | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw                  | 9         | 7     | -                        | -     | 6              | 15    |
| Wayne                      | 11        | 49    | -                        | -     | 6              | 13    |
| <b>CANTALOUPS</b>          |           |       |                          |       |                |       |
| <b>State Total</b>         |           |       |                          |       |                |       |
| Michigan                   | 269       | 770   | -                        | -     | 272            | 979   |
| <b>Counties</b>            |           |       |                          |       |                |       |
| Allegan                    | 7         | 11    | -                        | -     | 11             | 13    |
| Antrim                     | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Barry                      | 5         | 3     | -                        | -     | (NA)           | (NA)  |
| Bay                        | 24        | 117   | -                        | -     | 28             | 134   |
| Benzie                     | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Berrien                    | 27        | 66    | -                        | -     | 28             | 85    |
| Branch                     | 10        | 8     | -                        | -     | 8              | 23    |
| Calhoun                    | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cass                       | 4         | 3     | -                        | -     | 3              | 9     |
| Charlevoix                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clare                      | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clinton                    | 2         | (D)   | -                        | -     | 5              | 8     |
| Crawford                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet                      | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Genesee                    | 6         | 11    | -                        | -     | 4              | 21    |
| Gladwin                    | 2         | (D)   | -                        | -     | 3              | 7     |
| Gratiot                    | 5         | 9     | -                        | -     | (NA)           | (NA)  |
| Huron                      | 6         | 4     | -                        | -     | (NA)           | (NA)  |
| Ingham                     | 7         | 9     | -                        | -     | (NA)           | (NA)  |
| Ionia                      | 1         | (D)   | -                        | -     | 3              | 8     |
| Jackson                    | 9         | 10    | -                        | -     | 8              | 18    |
| Kalamazoo                  | 6         | (D)   | -                        | -     | 3              | (D)   |
| Kent                       | 11        | 19    | -                        | -     | 12             | (D)   |
| Lake                       | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer                     | 7         | 14    | -                        | -     | 7              | 7     |
| Leelanau                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lenawee                    | 2         | (D)   | -                        | -     | 5              | (D)   |
| Livingston                 | 8         | 45    | -                        | -     | 9              | 32    |
| Macomb                     | 14        | 95    | -                        | -     | 16             | 44    |
| Manistee                   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mecosta                    | 10        | 7     | -                        | -     | (NA)           | (NA)  |
| Monroe                     | 10        | 102   | -                        | -     | 15             | 123   |
| Montcalm                   | 5         | 14    | -                        | -     | (NA)           | (NA)  |
| Newaygo                    | 2         | (D)   | -                        | -     | 3              | (D)   |
| Oceana                     | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ogemaw                     | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                     | 12        | 31    | -                        | -     | 14             | 37    |
| Presque Isle               | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Saginaw                    | 9         | 8     | -                        | -     | 7              | 12    |
| St. Clair                  | 5         | 15    | -                        | -     | 6              | 15    |
| St. Joseph                 | 4         | (D)   | -                        | -     | 6              | 19    |
| Sanilac                    | 4         | 5     | -                        | -     | (NA)           | (NA)  |
| Shiawassee                 | 1         | (D)   | -                        | -     | 3              | 1     |
| Tuscola                    | 5         | 5     | -                        | -     | (NA)           | (NA)  |
| Van Buren                  | 9         | 16    | -                        | -     | 8              | 26    |
| Washtenaw                  | 5         | 11    | -                        | -     | 11             | 34    |
| Wayne                      | 5         | 4     | -                        | -     | 4              | 5     |
| <b>CARROTS</b>             |           |       |                          |       |                |       |
| <b>State Total</b>         |           |       |                          |       |                |       |
| Michigan                   | 97        | 6,047 | 19                       | 2,062 | 142            | 7,080 |

--continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area       | 2002      |       |                          |       | 1997 harvested |       |
|-----------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                       | Harvested |       | Harvested for processing |       |                |       |
|                       | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>CARROTS - Con.</b> |           |       |                          |       |                |       |
| <b>Counties</b>       |           |       |                          |       |                |       |
| Alpena                | 4         | 50    | -                        | -     | (NA)           | (NA)  |
| Antrim                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay                   | 1         | (D)   | -                        | -     | 4              | 1     |
| Cass                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Charlevoix            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Chippewa              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clinton               | 2         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Eaton                 | 1         | (D)   | -                        | -     | 3              | 255   |
| Grand Traverse        | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Houghton              | 3         | (Z)   | -                        | -     | 4              | 1     |
| Huron                 | 3         | 6     | -                        | -     | (NA)           | (NA)  |
| Ionia                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson               | 3         | (D)   | -                        | -     | 3              | (D)   |
| Lapeer                | 14        | 1,014 | 3                        | 266   | 16             | 890   |
| Lenawee               | 4         | 266   | 3                        | 266   | 3              | 245   |
| Macomb                | 3         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Manistee              | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Marquette             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mason                 | 5         | 506   | 2                        | (D)   | (NA)           | (NA)  |
| Mecosta               | 1         | (D)   | -                        | -     | 3              | (D)   |
| Monroe                | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Montcalm              | 1         | (D)   | -                        | -     | 5              | 350   |
| Muskegon              | 3         | 125   | 2                        | (D)   | 5              | 365   |
| Newaygo               | 10        | 1,867 | 3                        | 560   | 13             | 1,401 |
| Oceana                | 10        | 934   | 6                        | 575   | 9              | 730   |
| Ottawa                | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Presque Isle          | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| St. Clair             | 3         | 150   | -                        | -     | 4              | (D)   |
| St. Joseph            | 1         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Sanilac               | 2         | (D)   | -                        | -     | 6              | (D)   |
| Shiawassee            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw             | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Wexford               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>CAULIFLOWER</b>    |           |       |                          |       |                |       |
| <b>State Total</b>    |           |       |                          |       |                |       |
| Michigan              | 80        | 332   | 5                        | 28    | 81             | 344   |
| <b>Counties</b>       |           |       |                          |       |                |       |
| Allagan               | 8         | 130   | 3                        | (D)   | 6              | 75    |
| Bay                   | 3         | (D)   | -                        | -     | 4              | 106   |
| Berrien               | 8         | 46    | 1                        | (D)   | 8              | 8     |
| Clare                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Delta                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Eaton                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Gratiot               | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Huron                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ingham                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ionia                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                  | 3         | 9     | -                        | -     | 3              | (D)   |
| Lapeer                | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                | 10        | 21    | -                        | -     | 14             | 51    |
| Manistee              | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mason                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe                | 4         | 33    | -                        | -     | (NA)           | (NA)  |
| Montcalm              | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo               | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Oceana                | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                | 7         | 4     | -                        | -     | (NA)           | (NA)  |
| Saginaw               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| St. Clair             | 4         | (D)   | -                        | -     | 6              | 10    |
| Sanilac               | 2         | (D)   | -                        | -     | 3              | 2     |
| Tuscola               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Van Buren             | 3         | 7     | 1                        | (D)   | 4              | 32    |
| Washtenaw             | 2         | (D)   | -                        | -     | 4              | 10    |
| Wayne                 | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| <b>CELERY</b>         |           |       |                          |       |                |       |
| <b>State Total</b>    |           |       |                          |       |                |       |
| Michigan              | 34        | 2,232 | 14                       | (D)   | 39             | 2,513 |
| <b>Counties</b>       |           |       |                          |       |                |       |
| Allagan               | 4         | 425   | 1                        | (D)   | 4              | 405   |
| Calhoun               | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clinton               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                  | 5         | 202   | 4                        | 91    | 5              | 234   |
| Lapeer                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Livingston            | 1         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Macomb                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mason                 | 1         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Muskegon              | 4         | (D)   | -                        | -     | 6              | 535   |
| Newaygo               | 2         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Oceana                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                | 8         | 312   | 3                        | 50    | 10             | 504   |
| Van Buren             | 3         | 382   | 2                        | (D)   | 3              | 211   |

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**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area              | 2002      |        |                          |        | 1997 harvested |        |
|------------------------------|-----------|--------|--------------------------|--------|----------------|--------|
|                              | Harvested |        | Harvested for processing |        |                |        |
|                              | Farms     | Acres  | Farms                    | Acres  | Farms          | Acres  |
| <b>COLLARDS</b>              |           |        |                          |        |                |        |
| <b>State Total</b>           |           |        |                          |        |                |        |
| Michigan                     | 20        | 185    | -                        | -      | 23             | 751    |
| <b>Counties</b>              |           |        |                          |        |                |        |
| Allagan                      | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Berrien                      | 3         | 5      | -                        | -      | (NA)           | (NA)   |
| Calhoun                      | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Isabella                     | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Jackson                      | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Livingston                   | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Macomb                       | 4         | 32     | -                        | -      | 6              | 37     |
| Monroe                       | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Newaygo                      | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Van Buren                    | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Washtenaw                    | 1         | (D)    | -                        | -      | 3              | (D)    |
| <b>CUCUMBERS AND PICKLES</b> |           |        |                          |        |                |        |
| <b>State Total</b>           |           |        |                          |        |                |        |
| Michigan                     | 481       | 42,303 | 153                      | 35,599 | 481            | 33,721 |
| <b>Counties</b>              |           |        |                          |        |                |        |
| Allegan                      | 25        | 5,666  | 17                       | 4,837  | 35             | 4,637  |
| Alpena                       | 4         | 1      | -                        | -      | (NA)           | (NA)   |
| Antrim                       | 5         | 2      | -                        | -      | (NA)           | (NA)   |
| Arenac                       | 14        | 3,258  | 12                       | (D)    | 22             | 1,707  |
| Barry                        | 3         | 1      | -                        | -      | 4              | 2      |
| Bay                          | 32        | 2,218  | 13                       | 2,192  | 29             | 982    |
| Benzie                       | 8         | 37     | 2                        | (D)    | (NA)           | (NA)   |
| Berrien                      | 47        | 2,211  | 4                        | 47     | 46             | 1,045  |
| Branch                       | 3         | (D)    | 1                        | (D)    | (NA)           | (NA)   |
| Calhoun                      | 4         | 2      | -                        | -      | 4              | 2      |
| Cass                         | 11        | 1,106  | 5                        | 1,046  | 5              | 160    |
| Cheboygan                    | 4         | 1      | -                        | -      | (NA)           | (NA)   |
| Chippewa                     | 3         | 1      | -                        | -      | (NA)           | (NA)   |
| Clare                        | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Clinton                      | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Crawford                     | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Errmet                       | 4         | 1      | -                        | -      | 4              | 3      |
| Genesee                      | 8         | 4      | -                        | -      | 12             | 28     |
| Grand Traverse               | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Gratiot                      | 19        | 5,195  | 14                       | (D)    | 17             | 3,278  |
| Houghton                     | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Huron                        | 4         | 4      | -                        | -      | (NA)           | (NA)   |
| Ingham                       | 4         | 2      | -                        | -      | 5              | 13     |
| Ionia                        | 2         | (D)    | -                        | -      | 4              | 1      |
| Iosco                        | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Isabella                     | 5         | 14     | -                        | -      | 5              | (D)    |
| Jackson                      | 6         | 5      | -                        | -      | 4              | (D)    |
| Kalamazoo                    | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Kent                         | 9         | 269    | 4                        | 193    | 19             | 632    |
| Lapeer                       | 18        | 30     | 1                        | (D)    | 6              | (D)    |
| Leelanau                     | 5         | (D)    | 1                        | (D)    | 4              | (D)    |
| Lenawee                      | 8         | 706    | 1                        | (D)    | 9              | 714    |
| Livingston                   | 4         | 6      | -                        | -      | 4              | 1      |
| Macomb                       | 12        | 70     | 1                        | (D)    | 23             | 110    |
| Manistee                     | 8         | 444    | 5                        | 290    | 8              | 328    |
| Marquette                    | 3         | 1      | -                        | -      | (NA)           | (NA)   |
| Mason                        | 3         | (D)    | 1                        | (D)    | 3              | (D)    |
| Mecosta                      | 7         | (D)    | 1                        | (D)    | (NA)           | (NA)   |
| Midland                      | 3         | 110    | 2                        | (D)    | 3              | (D)    |
| Monroe                       | 12        | 234    | 5                        | 184    | 14             | 193    |
| Montcalm                     | 7         | 1,301  | 4                        | 1,300  | 9              | (D)    |
| Muskegon                     | 2         | (D)    | -                        | (D)    | (NA)           | (NA)   |
| Newaygo                      | 7         | 339    | 2                        | (D)    | 8              | 517    |
| Oakland                      | 3         | 1      | -                        | -      | 3              | 2      |
| Oceana                       | 23        | 1,269  | 17                       | 1,058  | 19             | 745    |
| Ogemaw                       | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Osceola                      | 1         | (D)    | 1                        | (D)    | (NA)           | (NA)   |
| Ottawa                       | 15        | 216    | 4                        | 120    | 10             | (D)    |
| Presque Isle                 | 1         | (D)    | -                        | -      | (NA)           | (NA)   |
| Saginaw                      | 19        | 2,999  | 10                       | (D)    | 18             | 2,640  |
| St. Clair                    | 6         | 12     | -                        | -      | 10             | 13     |
| St. Joseph                   | 13        | 3,674  | 9                        | 3,273  | 11             | 2,244  |
| Sanilac                      | 11        | (D)    | 1                        | (D)    | 8              | (D)    |
| Shiawassee                   | 2         | (D)    | -                        | -      | (NA)           | (NA)   |
| Tuscola                      | 18        | 1,893  | 11                       | (D)    | 17             | 2,222  |
| Van Buren                    | 9         | (D)    | 2                        | (D)    | 17             | 7,604  |
| Washtenaw                    | 9         | (D)    | 1                        | (D)    | 6              | 13     |
| Wayne                        | 12        | 7      | -                        | -      | 12             | 6      |
| Wexford                      | 3         | (Z)    | -                        | -      | (NA)           | (NA)   |
| <b>EGGPLANT</b>              |           |        |                          |        |                |        |
| <b>State Total</b>           |           |        |                          |        |                |        |
| Michigan                     | 69        | 400    | 5                        | 51     | 70             | 217    |

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**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                    | 2002      |       |                          |       | 1997 harvested |       |
|------------------------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                                    | Harvested |       | Harvested for processing |       |                |       |
|                                    | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>EGGPLANT - Con.</b>             |           |       |                          |       |                |       |
| <b>Counties</b>                    |           |       |                          |       |                |       |
| Allelan                            | 1         |       |                          |       |                |       |
| Berrien                            | 13        | (D)   | -                        | -     | (NA)           | (NA)  |
| Eaton                              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Genesee                            | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Ingham                             | 5         | 4     | 1                        | -     | (D)            | (Z)   |
| Isabella                           | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson                            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kalamazoo                          | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                               | 1         | (D)   | -                        | -     | (NA)           | (D)   |
| Lapeer                             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lenawee                            | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Livingston                         | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                             | 7         | 9     | -                        | -     |                | 12    |
| Monroe                             | 4         | 16    | 2                        | -     | (D)            | (NA)  |
| Newaygo                            | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Oceana                             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                             | 4         | (D)   | -                        | -     | (NA)           | (NA)  |
| Sanilac                            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Tuscola                            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Van Buren                          | 5         | 53    | 2                        | (D)   | (NA)           | (NA)  |
| Washtenaw                          | 6         | 3     | -                        | -     |                | 3     |
| Wayne                              | 5         | 22    | -                        | -     |                | 6     |
| <b>GARLIC</b>                      |           |       |                          |       |                |       |
| <b>State Total</b>                 |           |       |                          |       |                |       |
| Michigan                           | 7         | 4     | -                        | -     | (NA)           | (NA)  |
| <b>Counties</b>                    |           |       |                          |       |                |       |
| Grand Traverse                     | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella                           | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Livingston                         | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                             | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Sanilac                            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>HERBS, FRESH CUT (SEE TEXT)</b> |           |       |                          |       |                |       |
| <b>State Total</b>                 |           |       |                          |       |                |       |
| Michigan                           | 56        | 228   | -                        | -     | 73             | 223   |
| <b>Counties</b>                    |           |       |                          |       |                |       |
| Antrim                             | 7         | 2     | -                        | -     | (NA)           | (NA)  |
| Bay                                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Berrien                            | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Calhoun                            | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clare                              | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet                              | 1         | (D)   | -                        | -     | 3              | 3     |
| Houghton                           | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ingham                             | 1         | (D)   | -                        | -     | 4              | 1     |
| Isabella                           | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson                            | 3         | 142   | -                        | -     | 4              | (D)   |
| Kalamazoo                          | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                               | 3         | (D)   | -                        | -     | 5              | 10    |
| Lapeer                             | 5         | 5     | -                        | -     | 6              | 13    |
| Macomb                             | 6         | 14    | -                        | -     | 15             | 17    |
| Marquette                          | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Monroe                             | 3         | 1     | -                        | -     | 4              | 3     |
| Montcalm                           | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo                            | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Oakland                            | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                             | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Sanilac                            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw                          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>HONEYDEW MELONS</b>             |           |       |                          |       |                |       |
| <b>State Total</b>                 |           |       |                          |       |                |       |
| Michigan                           | 16        | 27    | -                        | -     | 22             | 32    |
| <b>Counties</b>                    |           |       |                          |       |                |       |
| Allegan                            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay                                | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Hillsdale                          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                             | 1         | (D)   | -                        | -     | 3              | 1     |
| Monroe                             | 4         | 9     | -                        | -     | (NA)           | (NA)  |
| Shiawassee                         | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Tuscola                            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Van Buren                          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw                          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Wayne                              | 2         | (D)   | -                        | -     | (NA)           | (NA)  |

--continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | 2002      |       |                          |       | 1997 harvested |       |
|----------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                      | Harvested |       | Harvested for processing |       |                |       |
|                      | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>KALE</b>          |           |       |                          |       |                |       |
| <b>State Total</b>   |           |       |                          |       |                |       |
| Michigan             | 1         | (D)   | -                        | -     | 2              | (D)   |
| <b>Counties</b>      |           |       |                          |       |                |       |
| Macomb               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>LETTUCE, ALL</b>  |           |       |                          |       |                |       |
| <b>State Total</b>   |           |       |                          |       |                |       |
| Michigan             | 53        | 470   | -                        | -     | 61             | 521   |
| <b>Counties</b>      |           |       |                          |       |                |       |
| Allegan              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Antrim               | 5         | (D)   | -                        | -     | (NA)           | (NA)  |
| Barry                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cass                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Chippewa             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet                | 1         | (D)   | -                        | -     | 5              | 6     |
| Genesee              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Grand Traverse       | 5         | (D)   | -                        | -     | (NA)           | (NA)  |
| Houghton             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ingham               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella             | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                 | 1         | (D)   | -                        | -     | 3              | (D)   |
| Lake                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer               | 4         | (D)   | -                        | -     | 6              | (D)   |
| Leelanau             | 1         | (D)   | -                        | -     | 3              | 1     |
| Lenawee              | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb               | 5         | (D)   | -                        | -     | 7              | 46    |
| Manistee             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Marquette            | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo              | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa               | 5         | (D)   | -                        | -     | 3              | (D)   |
| St. Joseph           | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Sanilac              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw            | 3         | (D)   | -                        | -     | 6              | 10    |
| Wexford              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>LETTUCE, HEAD</b> |           |       |                          |       |                |       |
| <b>State Total</b>   |           |       |                          |       |                |       |
| Michigan             | 9         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>Counties</b>      |           |       |                          |       |                |       |
| Barry                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cass                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ingham               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa               | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Sanilac              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Wexford              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>LETTUCE, LEAF</b> |           |       |                          |       |                |       |
| <b>State Total</b>   |           |       |                          |       |                |       |
| Michigan             | 44        | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>Counties</b>      |           |       |                          |       |                |       |
| Antrim               | 5         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cass                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Chippewa             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Grand Traverse       | 5         | (D)   | -                        | -     | (NA)           | (NA)  |
| Houghton             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella             | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lake                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer               | 4         | (D)   | -                        | -     | (NA)           | (NA)  |
| Leelanau             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lenawee              | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb               | 5         | (D)   | -                        | -     | (NA)           | (NA)  |
| Manistee             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Marquette            | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo              | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa               | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| St. Joseph           | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw            | 3         | (D)   | -                        | -     | (NA)           | (NA)  |

--continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area         | 2002      |       |                          |       | 1997 harvested |       |
|-------------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                         | Harvested |       | Harvested for processing |       |                |       |
|                         | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>LETTUCE, ROMAINE</b> |           |       |                          |       |                |       |
| <b>State Total</b>      |           |       |                          |       |                |       |
| Michigan                | 8         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>Counties</b>         |           |       |                          |       |                |       |
| Allegan                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Genesee                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Grand Traverse          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>MUSTARD GREENS</b>   |           |       |                          |       |                |       |
| <b>State Total</b>      |           |       |                          |       |                |       |
| Michigan                | 18        | 219   | -                        | -     | 27             | 329   |
| <b>Counties</b>         |           |       |                          |       |                |       |
| Allegan                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Berrien                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson                 | 2         | (D)   | -                        | -     | 4              | (D)   |
| Macomb                  | 3         | 16    | -                        | -     | 5              | (D)   |
| Monroe                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                  | 2         | (D)   | -                        | -     | 3              | (NA)  |
| Saginaw                 | 3         | (Z)   | -                        | -     | (NA)           | (NA)  |
| St. Joseph              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw               | 1         | (D)   | -                        | -     | 3              | (D)   |
| <b>OKRA</b>             |           |       |                          |       |                |       |
| <b>State Total</b>      |           |       |                          |       |                |       |
| Michigan                | 29        | 16    | -                        | -     | (NA)           | (NA)  |
| <b>Counties</b>         |           |       |                          |       |                |       |
| Allegan                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay                     | 4         | 3     | -                        | -     | (NA)           | (NA)  |
| Berrien                 | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Cass                    | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Saginaw                 | 3         | (Z)   | -                        | -     | (NA)           | (NA)  |
| Tuscola                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Van Buren               | 3         | 4     | -                        | -     | (NA)           | (NA)  |
| Washtenaw               | 3         | (Z)   | -                        | -     | (NA)           | (NA)  |
| Wayne                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>DRY ONIONS</b>       |           |       |                          |       |                |       |
| <b>State Total</b>      |           |       |                          |       |                |       |
| Michigan                | 136       | 4,409 | 6                        | 551   | 143            | 5,067 |
| <b>Counties</b>         |           |       |                          |       |                |       |
| Alcona                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Alger                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Allegan                 | 3         | 350   | -                        | -     | 10             | 679   |
| Antrim                  | 5         | 1     | -                        | -     | (NA)           | (NA)  |
| Arenac                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay                     | 10        | 44    | 1                        | (D)   | 16             | 72    |
| Benzie                  | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Berrien                 | 6         | 7     | -                        | -     | (NA)           | (NA)  |
| Branch                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Calhoun                 | 6         | 220   | -                        | -     | 4              | (D)   |
| Cass                    | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Charlevoix              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clinton                 | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Eaton                   | 6         | 1,074 | -                        | -     | 6              | 329   |
| Emmet                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Grand Traverse          | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Gratiot                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ingham                  | 2         | (D)   | -                        | -     | 5              | 265   |
| Ionia                   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella                | 3         | 8     | -                        | -     | (NA)           | (NA)  |
| Jackson                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                    | 2         | (D)   | 1                        | (D)   | 4              | 337   |
| Lapeer                  | 13        | 427   | -                        | -     | 5              | 216   |
| Lenawee                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Livingston              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mackinac                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                  | 4         | 8     | -                        | -     | 8              | 8     |
| Manistee                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe                  | 3         | 5     | -                        | -     | (NA)           | (NA)  |
| Muskegon                | 4         | 211   | 2                        | (D)   | (NA)           | (NA)  |
| Newaygo                 | 8         | 818   | -                        | -     | 15             | 1,535 |

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                         | 2002      |       |                          |       | 1997 harvested |           |
|---|-----------|-------|--------------------------|-------|----------------|-----------|
|   | Harvested |       | Harvested for processing |       |                |           |
|   | Farms     | Acres | Farms                    | Acres | Farms          | Acres     |
| <b>DRY ONIONS - Con.</b>                |           |       |                          |       |                |           |
| <b>Counties - Con.</b>                  |           |       |                          |       |                |           |
| Oceana                                  | 2         |       | (D)                      |       |                |           |
| Ottawa                                  | 8         | 485   |                          | 1     | (D)            | (NA) 13   |
| Saginaw                                 | 5         | 3     |                          |       |                | (NA) 582  |
| St. Joseph                              | 1         |       | (D)                      |       |                | (NA) 6    |
| Sanilac                                 | 5         | 4     |                          |       |                | (NA) (NA) |
| Tuscola                                 | 4         | 58    |                          |       |                | (NA) (NA) |
| Washtenaw                               | 5         | (D)   |                          |       |                | (D)       |
| Wayne                                   | 1         | (D)   |                          |       |                | (NA) (NA) |
| <b>GREEN ONIONS</b>                     |           |       |                          |       |                |           |
| <b>State Total</b>                      |           |       |                          |       |                |           |
| Michigan                                | 23        | 288   |                          |       | 37             | 87        |
| <b>Counties</b>                         |           |       |                          |       |                |           |
| Antrim                                  | 2         |       | (D)                      |       |                | (NA) (NA) |
| Bay                                     | 2         |       | (D)                      |       |                | (NA) (NA) |
| Jackson                                 | 4         | 18    |                          |       |                | (D)       |
| Lenawee                                 | 1         |       | (D)                      |       |                | (NA) (NA) |
| Newaygo                                 | 4         |       | (D)                      |       |                | (NA) (NA) |
| Ottawa                                  | 2         |       | (D)                      |       |                | (NA) (NA) |
| Sanilac                                 | 2         |       | (D)                      |       |                | (NA) (NA) |
| Tuscola                                 | 1         |       | (D)                      |       |                | (NA) (NA) |
| Van Buren                               | 1         |       | (D)                      |       |                | (NA) (NA) |
| Washtenaw                               | 2         |       | (D)                      |       |                | (NA) (NA) |
| Wayne                                   | 1         |       | (D)                      |       |                | (NA) (NA) |
| Wexford                                 | 1         |       | (D)                      |       |                | (NA) (NA) |
| <b>PARSLEY</b>                          |           |       |                          |       |                |           |
| <b>State Total</b>                      |           |       |                          |       |                |           |
| Michigan                                | 3         |       | (D)                      |       |                | 1 (D)     |
| <b>Counties</b>                         |           |       |                          |       |                |           |
| Livingston                              | 1         |       | (D)                      |       |                | (NA) (NA) |
| Macomb                                  | 1         |       | (D)                      |       |                | (NA) (NA) |
| Washtenaw                               | 1         |       | (D)                      |       |                | (NA) (NA) |
| <b>PEAS, GREEN (EXCLUDING SOUTHERN)</b> |           |       |                          |       |                |           |
| <b>State Total</b>                      |           |       |                          |       |                |           |
| Michigan                                | 160       | 1,149 |                          | 7     | 1,001          | 150 1,779 |
| <b>Counties</b>                         |           |       |                          |       |                |           |
| Allagan                                 | 3         | 4     |                          |       |                | 6 3       |
| Alpena                                  | 4         | 1     |                          |       |                | (NA) (NA) |
| Antrim                                  | 5         | 1     |                          |       |                | (NA) (NA) |
| Arenac                                  | 1         |       | (D)                      |       |                | (NA) (NA) |
| Barry                                   | 1         |       | (D)                      |       |                | (D) 1     |
| Bay                                     | 1         |       | (D)                      |       |                | (NA) (NA) |
| Benzie                                  | 4         | 2     |                          |       |                | (NA) 9    |
| Berrien                                 | 7         | 11    |                          | 1     |                | (NA) 9    |
| Branch                                  | 5         | 4     |                          |       |                | (NA) (NA) |
| Calhoun                                 | 2         |       | (D)                      |       |                | (NA) (NA) |
| Charlevoix                              | 2         |       | (D)                      |       |                | (NA) (NA) |
| Cheboygan                               | 1         |       | (D)                      |       |                | (NA) (NA) |
| Chippewa                                | 2         |       | (D)                      |       |                | (NA) (NA) |
| Clinton                                 | 1         |       | (D)                      |       |                | (NA) (NA) |
| Eaton                                   | 1         |       | (D)                      |       |                | (NA) (NA) |
| Emmet                                   | 5         | 3     |                          |       |                | 6 4       |
| Genesee                                 | 6         | 9     |                          |       |                | 4 4       |
| Grand Traverse                          | 2         |       | (D)                      |       |                | (NA) (NA) |
| Gratiot                                 | 1         |       | (D)                      |       |                | (NA) (NA) |
| Houghton                                | 1         |       | (D)                      |       |                | 3 (Z)     |
| Huron                                   | 2         |       | (D)                      |       |                | (NA) (NA) |
| Ingham                                  | 2         |       | (D)                      |       |                | (NA) (NA) |
| Ionia                                   | 1         |       | (D)                      |       |                | (NA) (NA) |
| Iosco                                   | 1         |       | (D)                      |       |                | (NA) (NA) |
| Isabella                                | 2         |       | (D)                      |       |                | (NA) (NA) |
| Jackson                                 | 8         | 40    |                          |       |                | 5 1       |
| Kalamazoo                               | 2         |       | (D)                      |       |                | (NA) (NA) |
| Kent                                    | 3         |       | (D)                      | 1     |                | 5 1       |
| Lake                                    | 1         |       | (D)                      |       |                | (NA) (NA) |
| Lapeer                                  | 2         |       | (D)                      |       |                | 3 1       |
| Leelanau                                | 1         |       | (D)                      |       |                | 4 3       |
| Lenawee                                 | 5         | 3     |                          |       |                | (NA) (NA) |
| Mackinac                                | 1         |       | (D)                      |       |                | (NA) (NA) |
| Macomb                                  | 4         | 9     |                          |       |                | 5 7       |
| Manistee                                | 2         |       | (D)                      |       |                | 3 (D)     |
| Marquette                               | 1         |       | (D)                      |       |                | (NA) (NA) |
| Monroe                                  | 3         | 1     |                          |       |                | 3 1       |
| Montcalm                                | 5         | 973   |                          | 5     |                | 10 1,520  |
| Newaygo                                 | 1         |       | (D)                      |       |                | (NA) 4    |
| Oakland                                 | 3         | 1     |                          |       |                | (NA) 3    |
| Oceana                                  | 1         |       | (D)                      |       |                | (NA) (NA) |
| Ottawa                                  | 14        | 20    |                          |       |                | (NA) 9    |

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area   | 2002      |       |                          |       | 1997 harvested |       |
|---|-----------|-------|--------------------------|-------|----------------|-------|
|   | Harvested |       | Harvested for processing |       |                |       |
|   | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>PEAS, GREEN (EXCLUDING SOUTHERN) - Con.</b>                  |           |       |                          |       |                |       |
| <b>Counties - Con.</b>  |           |       |                          |       |                |       |
| Presque Isle  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Saginaw   | 4         | 1     | -                        | -     | 3              | 4     |
| St. Clair   | 1         | (D)   | -                        | -     | 4              | 2     |
| St. Joseph  | 3         | 1     | -                        | -     | 3              | (D)   |
| Sanilac   | 4         | 1     | -                        | -     | 4              | (Z)   |
| Tuscola   | 5         | 2     | -                        | -     | (NA)           | (NA)  |
| Van Buren   | 5         | 9     | -                        | -     | (NA)           | (NA)  |
| Washtenaw   | 7         | 2     | -                        | -     | 4              | (D)   |
| Wayne   | 3         | (D)   | -                        | -     | 3              | (D)   |
| Wexford   | 6         | 1     | -                        | -     | (NA)           | (NA)  |
| <b>PEPPERS, BELL (SEE TEXT)</b>                                 |           |       |                          |       |                |       |
| <b>State Total</b>  |           |       |                          |       |                |       |
| Michigan  | 318       | 1,539 | 22                       | 209   | (NA)           | (NA)  |
| <b>Counties</b>   |           |       |                          |       |                |       |
| Allegan   | 10        | 6     | -                        | -     | (NA)           | (NA)  |
| Antrim  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Barry   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay   | 13        | 47    | 1                        | (D)   | (NA)           | (NA)  |
| Berrien   | 37        | 319   | -                        | -     | (NA)           | (NA)  |
| Branch  | 5         | 4     | 1                        | (D)   | (NA)           | (NA)  |
| Calhoun   | 4         | 1     | 2                        | (D)   | (NA)           | (NA)  |
| Cass  | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Charlevoix  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cheboygan   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clare   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clinton   | 3         | 3     | -                        | -     | (NA)           | (NA)  |
| Delta   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Eaton   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet   | 4         | 3     | 2                        | (D)   | (NA)           | (NA)  |
| Genesee   | 11        | 12    | 1                        | (D)   | (NA)           | (NA)  |
| Gladwin   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Grand Traverse  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Gratiot   | 5         | 9     | -                        | -     | (NA)           | (NA)  |
| Hillsdale   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Huron   | 4         | 2     | -                        | -     | (NA)           | (NA)  |
| Ingham  | 7         | 6     | 1                        | (D)   | (NA)           | (NA)  |
| Ionia   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Iosco   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella  | 4         | 3     | -                        | -     | (NA)           | (NA)  |
| Jackson   | 7         | 5     | -                        | -     | (NA)           | (NA)  |
| Kalamazoo   | 4         | (Z)   | -                        | -     | (NA)           | (NA)  |
| Kent  | 9         | 49    | 1                        | (D)   | (NA)           | (NA)  |
| Lapeer  | 10        | 10    | -                        | -     | (NA)           | (NA)  |
| Leelanau  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lenawee   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Livingston  | 8         | 4     | -                        | -     | (NA)           | (NA)  |
| Mackinac  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb  | 20        | 81    | 1                        | (D)   | (NA)           | (NA)  |
| Manistee  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Marquette   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mason   | 4         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mecosta   | 3         | 1     | 2                        | (D)   | (NA)           | (NA)  |
| Midland   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe  | 15        | 131   | 1                        | (D)   | (NA)           | (NA)  |
| Montcalm  | 3         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Muskegon  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo   | 8         | (D)   | 3                        | (D)   | (NA)           | (NA)  |
| Oakland   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Oceana  | 5         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Ottawa  | 22        | 84    | 4                        | 2     | (NA)           | (NA)  |
| Presque Isle  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Saginaw   | 12        | 10    | -                        | -     | (NA)           | (NA)  |
| St. Clair   | 5         | 11    | -                        | -     | (NA)           | (NA)  |
| St. Joseph  | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Sanilac   | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Tuscola   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Van Buren   | 9         | 344   | -                        | -     | (NA)           | (NA)  |
| Washtenaw   | 10        | 7     | -                        | -     | (NA)           | (NA)  |
| Wayne   | 12        | 53    | -                        | -     | (NA)           | (NA)  |
| Wexford   | 3         | (Z)   | -                        | -     | (NA)           | (NA)  |
| <b>PEPPERS, CHILE (ALL PEPPERS - EXCLUDING BELL) (SEE TEXT)</b> |           |       |                          |       |                |       |
| <b>State Total</b>  |           |       |                          |       |                |       |
| Michigan  | 122       | (D)   | 7                        | 110   | (NA)           | (NA)  |
| <b>Counties</b>   |           |       |                          |       |                |       |
| Allegan   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay   | 5         | 7     | -                        | -     | (NA)           | (NA)  |
| Berrien   | 19        | 182   | 1                        | (D)   | (NA)           | (NA)  |
| Branch  | 5         | 3     | -                        | -     | (NA)           | (NA)  |
| Cass  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clare   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet   | 2         | (D)   | 2                        | (D)   | (NA)           | (NA)  |
| Genesee   | 3         | 1     | -                        | -     | (NA)           | (NA)  |

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area  | 2002      |       |                          |       | 1997 harvested |       |
|--|-----------|-------|--------------------------|-------|----------------|-------|
|  | Harvested |       | Harvested for processing |       |                |       |
|  | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>PEPPERS, CHILE (ALL PEPPERS - EXCLUDING BELL) (SEE TEXT) - Con.</b> |           |       |                          |       |                |       |
| <b>Counties - Con.</b>   |           |       |                          |       |                |       |
| Ingham   | 4         | 3     | 1                        | (D)   | (NA)           | (NA)  |
| Ionia  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent   | 2         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Lapeer   | 4         | 4     | -                        | -     | (NA)           | (NA)  |
| Lenawee  | 8         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb   | 9         | 13    | 1                        | (D)   | (NA)           | (NA)  |
| Monroe   | 8         | 34    | -                        | -     | (NA)           | (NA)  |
| Montcalm   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo  | 5         | 5     | -                        | -     | (NA)           | (NA)  |
| Oceana   | 6         | 96    | 1                        | (D)   | (NA)           | (NA)  |
| Osceola  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa   | 9         | 3     | -                        | -     | (NA)           | (NA)  |
| Presque Isle   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| St. Clair  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Sanilac  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Shiawassee   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Tuscola  | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Van Buren  | 6         | 16    | -                        | -     | (NA)           | (NA)  |
| Washtenaw  | 3         | (Z)   | -                        | -     | (NA)           | (NA)  |
| Wayne  | 5         | 5     | -                        | -     | (NA)           | (NA)  |
| <b>PUMPKINS</b>  |           |       |                          |       |                |       |
| <b>State Total</b>   |           |       |                          |       |                |       |
| Michigan   | 1,145     | 7,414 | 91                       | (D)   | 841            | 5,050 |
| <b>Counties</b>  |           |       |                          |       |                |       |
| Alcona   | 2         | (D)   | 2                        | (D)   | 4              | (D)   |
| Alger  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Allegan  | 25        | (D)   | 1                        | (D)   | 21             | 115   |
| Alpena   | 5         | (D)   | -                        | -     | 11             | 40    |
| Antrim   | 11        | 54    | 1                        | (D)   | 6              | 37    |
| Arenac   | 5         | 4     | -                        | -     | 9              | 18    |
| Barry  | 9         | 18    | 1                        | (D)   | 10             | 24    |
| Bay  | 41        | 200   | 2                        | (D)   | 29             | 167   |
| Benzie   | 11        | 27    | -                        | -     | (NA)           | (NA)  |
| Berrien  | 69        | 573   | 4                        | 30    | 60             | 327   |
| Branch   | 12        | 91    | -                        | -     | 10             | 51    |
| Calhoun  | 11        | 20    | -                        | -     | 8              | 24    |
| Cass   | 7         | 50    | -                        | -     | 9              | 31    |
| Charlevoix   | 7         | 4     | 1                        | (D)   | 4              | 3     |
| Cheboygan  | 11        | 28    | 2                        | (D)   | (NA)           | (NA)  |
| Clare  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clinton  | 14        | 69    | -                        | -     | 15             | 91    |
| Crawford   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Delta  | 16        | (D)   | -                        | -     | 7              | 23    |
| Dickinson  | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Eaton  | 6         | 24    | 1                        | (D)   | 11             | 50    |
| Emmet  | 14        | 70    | 2                        | (D)   | 6              | 21    |
| Genesee  | 37        | 144   | 4                        | 12    | 26             | 57    |
| Gladwin  | 7         | 16    | -                        | -     | (NA)           | (NA)  |
| Grand Traverse   | 12        | 44    | -                        | -     | 10             | 36    |
| Gratiot  | 12        | 34    | -                        | -     | 8              | 46    |
| Hillsdale  | 5         | (D)   | 1                        | (D)   | 6              | 21    |
| Houghton   | 7         | 4     | 1                        | (D)   | 7              | 17    |
| Huron  | 8         | 19    | -                        | -     | (NA)           | (NA)  |
| Ingham   | 19        | 98    | 1                        | (D)   | 12             | 22    |
| Ionia  | 9         | 53    | -                        | -     | 9              | 65    |
| Iosco  | 7         | 10    | -                        | -     | 3              | 9     |
| Iron   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella   | 12        | 333   | 3                        | (D)   | 7              | (D)   |
| Jackson  | 27        | 183   | 2                        | (D)   | 26             | 69    |
| Kalamazoo  | 16        | (D)   | 1                        | (D)   | 20             | 165   |
| Kent   | 27        | 107   | 4                        | 13    | 30             | 124   |
| Lapeer   | 36        | 239   | 7                        | 30    | 25             | 233   |
| Leelanau   | 7         | 12    | 1                        | (D)   | 7              | 15    |
| Lenawee  | 23        | 310   | 1                        | (D)   | 10             | 131   |
| Livingston   | 19        | 232   | 1                        | (D)   | 19             | 77    |
| Luce   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mackinac   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb   | 58        | 676   | 6                        | 78    | 51             | 618   |
| Manistee   | 6         | 33    | 1                        | (D)   | 5              | 25    |
| Marquette  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mason  | 8         | 24    | -                        | -     | 10             | 56    |
| Mecosta  | 15        | 48    | 1                        | (D)   | 9              | 27    |
| Menominee  | 3         | 7     | 1                        | (D)   | 8              | 12    |
| Midland  | 7         | (D)   | 1                        | (D)   | 5              | (D)   |
| Missaukee  | 1         | (D)   | -                        | -     | 3              | 9     |
| Monroe   | 34        | 505   | 4                        | 11    | 31             | 287   |
| Montcalm   | 17        | (D)   | 1                        | (D)   | 16             | 38    |
| Montmorency  | 4         | (D)   | -                        | -     | 4              | (D)   |
| Muskegon   | 8         | 46    | -                        | -     | 12             | 54    |
| Newaygo  | 14        | 38    | -                        | -     | 5              | 28    |
| Oakland  | 24        | 202   | -                        | -     | 17             | 170   |
| Oceana   | 29        | 512   | 5                        | 67    | 14             | 162   |
| Ogemaw   | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Osceola  | 3         | 15    | -                        | -     | (NA)           | (NA)  |

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area        | 2002      |       |                          |       | 1997 harvested |       |
|------------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                        | Harvested |       | Harvested for processing |       |                |       |
|                        | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>PUMPKINS - Con.</b> |           |       |                          |       |                |       |
| <b>Counties - Con.</b> |           |       |                          |       |                |       |
| Oscoda                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Otsego                 | 10        | 54    | -                        | -     | (NA)           | (NA)  |
| Ottawa                 | 58        | 207   | 6                        | (D)   | 37             | 212   |
| Presque Isle           | 6         | 31    | 3                        | 5     | 6              | 27    |
| Saginaw                | 33        | (D)   | 3                        | (D)   | 14             | 48    |
| St. Clair              | 37        | 158   | 2                        | (D)   | 23             | 84    |
| St. Joseph             | 16        | (D)   | 1                        | (D)   | 8              | 45    |
| Sanilac                | 19        | (D)   | 1                        | (D)   | 6              | 8     |
| Schoolcraft            | 3         | 4     | -                        | -     | (NA)           | (NA)  |
| Shiawassee             | 11        | 31    | 1                        | (D)   | 4              | 11    |
| Tuscola                | 21        | 32    | 2                        | (D)   | 8              | 8     |
| Van Buren              | 41        | 361   | 6                        | (D)   | 26             | 187   |
| Washtenaw              | 47        | 266   | 1                        | (D)   | 27             | 206   |
| Wayne                  | 22        | 255   | 1                        | (D)   | 21             | 277   |
| Wexford                | 7         | 4     | -                        | -     | (NA)           | (NA)  |
| <b>RADISHES</b>        |           |       |                          |       |                |       |
| <b>State Total</b>     |           |       |                          |       |                |       |
| Michigan               | 26        | 2,646 | -                        | -     | 28             | 3,636 |
| <b>Counties</b>        |           |       |                          |       |                |       |
| Allagan                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Bay                    | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Branch                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Eaton                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet                  | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lenawee                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Livingston             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo                | 3         | 6     | -                        | -     | (NA)           | (NA)  |
| Ottawa                 | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Saginaw                | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Tuscola                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw              | 1         | (D)   | -                        | -     | 4              | (D)   |
| <b>RHUBARB</b>         |           |       |                          |       |                |       |
| <b>State Total</b>     |           |       |                          |       |                |       |
| Michigan               | 24        | 144   | 2                        | (D)   | 27             | 153   |
| <b>Counties</b>        |           |       |                          |       |                |       |
| Berrien                | 2         | (D)   | 1                        | (D)   | 5              | 137   |
| Jackson                | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lenawee                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                 | 3         | 38    | 1                        | (D)   | 3              | 10    |
| Mason                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mecosta                | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe                 | 3         | 4     | -                        | -     | (NA)           | (NA)  |
| Ottawa                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| St. Clair              | 1         | (D)   | -                        | -     | 4              | 2     |
| St. Joseph             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Shiawassee             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Van Buren              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Wayne                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Wexford                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>SPINACH</b>         |           |       |                          |       |                |       |
| <b>State Total</b>     |           |       |                          |       |                |       |
| Michigan               | 16        | 63    | 1                        | (D)   | 30             | 161   |
| <b>Counties</b>        |           |       |                          |       |                |       |
| Allegan                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Genesee                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ingham                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella               | 2         | (D)   | -                        | -     | 4              | (D)   |
| Lapeer                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lenawee                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                 | 2         | (D)   | -                        | -     | 6              | (NA)  |
| Newaygo                | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Oceana                 | 2         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Ottawa                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>SQUASH</b>          |           |       |                          |       |                |       |
| <b>State Total</b>     |           |       |                          |       |                |       |
| Michigan               | 802       | 7,341 | 63                       | 2,136 | 507            | 6,166 |

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | 2002      |        |                          |       | 1997 harvested |        |
|----------------------|-----------|--------|--------------------------|-------|----------------|--------|
|                      | Harvested |        | Harvested for processing |       |                |        |
|                      | Farms     | Acres  | Farms                    | Acres | Farms          | Acres  |
| <b>SQUASH - Con.</b> |           |        |                          |       |                |        |
| <b>Counties</b>      |           |        |                          |       |                |        |
| Allagan              | 17        | 64     | 1                        | (D)   | 9              | 30     |
| Alpena               | 7         | 6      | -                        | -     | (NA)           | (NA)   |
| Antrim               | 14        | 33     | -                        | -     | 7              | 9      |
| Arenac               | 5         | 4      | -                        | -     | 7              | 6      |
| Baraga               | 1         | (D)    | -                        | -     | (NA)           | (NA)   |
| Barry                | 8         | 7      | 1                        | (D)   | 3              | 1      |
| Bay                  | 28        | 105    | 1                        | (D)   | 20             | 108    |
| Benzie               | 5         | 2      | -                        | -     | (NA)           | (NA)   |
| Berrien              | 82        | 1,588  | 6                        | 51    | 64             | 1,405  |
| Branch               | 11        | 19     | 1                        | (D)   | 5              | 14     |
| Calhoun              | 5         | 4      | -                        | -     | 5              | (D)    |
| Cass                 | 7         | (D)    | -                        | -     | 8              | 89     |
| Charlevoix           | 3         | 3      | -                        | -     | (NA)           | (NA)   |
| Cheboygan            | 4         | 1      | -                        | -     | (NA)           | (NA)   |
| Chippewa             | 1         | (D)    | -                        | -     | (NA)           | (NA)   |
| Clare                | 4         | 1      | -                        | -     | (NA)           | (NA)   |
| Clinton              | 3         | 7      | -                        | -     | 6              | 16     |
| Crawford             | 1         | (D)    | -                        | -     | (NA)           | (NA)   |
| Delta                | 7         | 6      | -                        | -     | (NA)           | (NA)   |
| Dickinson            | 3         | 1      | -                        | -     | (NA)           | (NA)   |
| Eaton                | 3         | (D)    | -                        | -     | (NA)           | (NA)   |
| Emmet                | 13        | 34     | 4                        | 4     | 3              | (D)    |
| Genesee              | 23        | 29     | 1                        | (D)   | 12             | 27     |
| Gladwin              | 5         | 7      | -                        | -     | (NA)           | (NA)   |
| Grand Traverse       | 9         | 14     | -                        | -     | (NA)           | (NA)   |
| Gratiot              | 8         | (D)    | -                        | -     | 8              | (D)    |
| Hillsdale            | 2         | (D)    | -                        | -     | (NA)           | (NA)   |
| Houghton             | 5         | 1      | -                        | -     | 4              | (D)    |
| Huron                | 5         | 6      | -                        | -     | (NA)           | (NA)   |
| Ingham               | 14        | 15     | 2                        | (D)   | 7              | 5      |
| Ionia                | 5         | 18     | -                        | -     | 4              | 16     |
| Iosco                | 4         | 1      | -                        | -     | (NA)           | (NA)   |
| Isabella             | 9         | 76     | -                        | -     | (NA)           | (NA)   |
| Jackson              | 18        | 24     | -                        | -     | 5              | 8      |
| Kalamazoo            | 12        | 25     | -                        | -     | 10             | 12     |
| Kalkaska             | 2         | (D)    | -                        | -     | (NA)           | (NA)   |
| Kent                 | 20        | 308    | 1                        | (D)   | 11             | (D)    |
| Lake                 | 1         | (D)    | -                        | -     | (NA)           | (NA)   |
| Lapeer               | 26        | 340    | 2                        | (D)   | 12             | 91     |
| Leelanau             | 6         | 7      | -                        | -     | 4              | 3      |
| Lenawee              | 13        | 46     | -                        | -     | 6              | 2      |
| Livingston           | 12        | 31     | -                        | -     | 9              | 17     |
| Luce                 | 2         | (D)    | -                        | -     | (NA)           | (NA)   |
| Mackinac             | 1         | (D)    | -                        | -     | (NA)           | (NA)   |
| Macomb               | 37        | 356    | 3                        | (D)   | 37             | 562    |
| Manistee             | 2         | (D)    | -                        | -     | 4              | 11     |
| Marquette            | 4         | 1      | -                        | -     | (NA)           | (NA)   |
| Mason                | 10        | 378    | 3                        | (D)   | 8              | 366    |
| Mecosta              | 22        | 32     | 3                        | 14    | 13             | 14     |
| Midland              | 4         | 2      | -                        | -     | 5              | 4      |
| Monroe               | 25        | 86     | 3                        | (D)   | 16             | 37     |
| Montcalm             | 15        | 21     | 4                        | 4     | 13             | 30     |
| Muskegon             | 5         | 18     | -                        | -     | (NA)           | (NA)   |
| Newaygo              | 17        | 320    | 3                        | 305   | 10             | 354    |
| Oakland              | 6         | 14     | -                        | -     | 6              | 8      |
| Oceana               | 24        | 1,228  | 12                       | 962   | 20             | 1,537  |
| Ogemaw               | 3         | 1      | -                        | -     | (NA)           | (NA)   |
| Osceola              | 1         | (D)    | -                        | -     | (NA)           | (NA)   |
| Oscoda               | 1         | (D)    | -                        | -     | (NA)           | (NA)   |
| Otsego               | 4         | (D)    | -                        | -     | (NA)           | (NA)   |
| Ottawa               | 45        | 706    | 3                        | 281   | 31             | 456    |
| Presque Isle         | 5         | 4      | 2                        | (D)   | (NA)           | (NA)   |
| Saginaw              | 21        | 27     | 3                        | (D)   | 11             | (D)    |
| St. Clair            | 13        | 178    | -                        | -     | 13             | 62     |
| St. Joseph           | 7         | 6      | -                        | -     | 5              | 7      |
| Sanilac              | 13        | 13     | -                        | -     | 3              | (D)    |
| Shiawassee           | 5         | 4      | -                        | -     | 8              | 5      |
| Tuscola              | 9         | 16     | -                        | -     | 9              | 39     |
| Van Buren            | 22        | 415    | 3                        | 103   | 15             | 199    |
| Washtenaw            | 25        | 117    | 1                        | (D)   | 12             | 19     |
| Wayne                | 16        | 59     | -                        | -     | 5              | 3      |
| Wexford              | 7         | 3      | -                        | -     | (NA)           | (NA)   |
| <b>SWEET CORN</b>    |           |        |                          |       |                |        |
| <b>State Total</b>   |           |        |                          |       |                |        |
| Michigan             | 982       | 10,885 | 92                       | 527   | 1,012          | 11,357 |
| <b>Counties</b>      |           |        |                          |       |                |        |
| Alcona               | 2         | (D)    | 2                        | (D)   | (NA)           | (NA)   |
| Alger                | 1         | (D)    | -                        | -     | (NA)           | (NA)   |
| Allegan              | 26        | 160    | 1                        | (D)   | 28             | 104    |
| Alpena               | 12        | 66     | 1                        | (D)   | 8              | 53     |
| Antrim               | 16        | 191    | 1                        | (D)   | 18             | 106    |
| Arenac               | 2         | (D)    | 1                        | (D)   | 9              | 40     |
| Baraga               | 1         | (D)    | 1                        | (D)   | (NA)           | (NA)   |
| Barry                | 14        | 39     | 4                        | 7     | 9              | 37     |
| Bay                  | 41        | 317    | 2                        | (D)   | 36             | 394    |
| Benzie               | 2         | (D)    | -                        | -     | (NA)           | (NA)   |
| Berrien              | 51        | 358    | -                        | -     | 62             | 676    |

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area          | 2002      |       |                          |       | 1997 harvested |       |
|--------------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                          | Harvested |       | Harvested for processing |       |                |       |
|                          | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>SWEET CORN - Con.</b> |           |       |                          |       |                |       |
| <b>Counties - Con.</b>   |           |       |                          |       |                |       |
| Branch                   | 18        | 162   | 1                        | (D)   | 11             | 84    |
| Calhoun                  | 16        | 66    | -                        | -     | 20             | 114   |
| Cass                     | 7         | (D)   | -                        | -     | 20             | 166   |
| Charlevoix               | 6         | 103   | -                        | -     | 7              | 69    |
| Cheboygan                | 7         | 27    | 4                        | (D)   | 5              | 18    |
| Chippewa                 | 4         | 25    | -                        | -     | (NA)           | (NA)  |
| Clare                    | 3         | (D)   | -                        | -     | 4              | 18    |
| Clinton                  | 13        | 164   | 1                        | (D)   | 15             | 181   |
| Crawford                 | 1         | (D)   | -                        | -     | 3              | (D)   |
| Delta                    | 5         | 4     | -                        | -     | 5              | 7     |
| Dickinson                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Eaton                    | 6         | (D)   | 3                        | (D)   | 13             | 63    |
| Emmet                    | 11        | 64    | 3                        | 31    | 12             | 101   |
| Genesee                  | 25        | 310   | 1                        | (D)   | 31             | 292   |
| Gladwin                  | 6         | 62    | -                        | -     | 12             | 33    |
| Grand Traverse           | 12        | 105   | -                        | -     | 19             | 92    |
| Gratiot                  | 9         | 13    | 2                        | (D)   | 8              | 50    |
| Hillsdale                | 7         | 56    | 1                        | (D)   | 11             | 34    |
| Houghton                 | 7         | 3     | -                        | -     | 8              | 7     |
| Huron                    | 9         | 76    | -                        | -     | 7              | 28    |
| Ingham                   | 14        | 161   | 2                        | (D)   | 9              | 111   |
| Ionia                    | 8         | 252   | 2                        | (D)   | 7              | 114   |
| Iosco                    | 7         | 13    | 2                        | (D)   | (NA)           | (NA)  |
| Isabella                 | 8         | 46    | -                        | -     | 4              | 19    |
| Jackson                  | 23        | 276   | 2                        | (D)   | 26             | 371   |
| Kalamazoo                | 10        | 60    | -                        | -     | 27             | 421   |
| Kalkaska                 | 3         | 10    | 1                        | (D)   | 4              | 5     |
| Kent                     | 30        | 692   | 1                        | (D)   | 38             | 780   |
| Lake                     | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer                   | 21        | 77    | -                        | -     | 24             | 333   |
| Leelanau                 | 9         | (D)   | -                        | -     | 9              | 66    |
| Lenawee                  | 11        | 240   | 1                        | (D)   | 16             | 97    |
| Livingston               | 16        | 103   | 1                        | (D)   | 24             | 174   |
| Luce                     | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mackinac                 | 1         | (D)   | -                        | -     | 4              | (D)   |
| Macomb                   | 34        | 1,257 | 1                        | (D)   | 38             | 1,099 |
| Manistee                 | 5         | 43    | -                        | -     | 7              | 29    |
| Mason                    | 6         | (D)   | 1                        | (D)   | 9              | 85    |
| Mecosta                  | 27        | 71    | 7                        | 23    | 7              | 21    |
| Menominee                | 1         | (D)   | -                        | -     | 6              | 8     |
| Midland                  | 9         | 27    | -                        | -     | 9              | 18    |
| Missaukee                | 2         | (D)   | -                        | -     | 4              | 14    |
| Monroe                   | 36        | 699   | 6                        | 72    | 35             | 494   |
| Montcalm                 | 18        | 83    | 4                        | (D)   | 18             | 90    |
| Muskegon                 | 10        | 44    | -                        | -     | 9              | 16    |
| Newaygo                  | 16        | 226   | 3                        | 8     | 19             | 418   |
| Oakland                  | 16        | 307   | -                        | -     | 16             | 281   |
| Oceana                   | 14        | 237   | -                        | -     | 15             | 87    |
| Ogemaw                   | 6         | 7     | 1                        | (D)   | (NA)           | (NA)  |
| Osceola                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Oscoda                   | 1         | (D)   | -                        | -     | 5              | 4     |
| Otsego                   | 4         | 7     | -                        | -     | (NA)           | (NA)  |
| Ottawa                   | 42        | 249   | 6                        | 9     | 30             | 217   |
| Presque Isle             | 7         | (D)   | 2                        | (D)   | 7              | 30    |
| Roscommon                | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Saginaw                  | 33        | 180   | 1                        | (D)   | 21             | 255   |
| St. Clair                | 20        | 313   | 3                        | 9     | 29             | 260   |
| St. Joseph               | 15        | 104   | 5                        | 5     | 13             | 155   |
| Sanilac                  | 25        | 66    | 1                        | (D)   | 16             | 34    |
| Schoolcraft              | 3         | 24    | -                        | -     | (NA)           | (NA)  |
| Shiawassee               | 14        | 24    | -                        | -     | 19             | 61    |
| Tuscola                  | 17        | 66    | -                        | -     | 8              | 56    |
| Van Buren                | 35        | 303   | 7                        | 32    | 33             | 1,183 |
| Washtenaw                | 25        | 549   | 1                        | (D)   | 25             | 486   |
| Wayne                    | 21        | 696   | 2                        | (D)   | 16             | 571   |
| Wexford                  | 12        | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>TOMATOES</b>          |           |       |                          |       |                |       |
| <b>State Total</b>       |           |       |                          |       |                |       |
| Michigan                 | 831       | 6,041 | 72                       | 3,861 | 662            | 8,126 |
| <b>Counties</b>          |           |       |                          |       |                |       |
| Alcona                   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Allegan                  | 21        | (D)   | 1                        | (D)   | 20             | 23    |
| Alpena                   | 8         | 5     | -                        | -     | 3              | (D)   |
| Antrim                   | 12        | 4     | -                        | -     | 4              | 1     |
| Arenac                   | 3         | 5     | -                        | -     | 7              | 11    |
| Barry                    | 10        | 5     | -                        | -     | 8              | 3     |
| Bay                      | 37        | 79    | 3                        | 5     | 23             | 59    |
| Benzie                   | 4         | 2     | -                        | -     | (NA)           | (NA)  |
| Berrien                  | 73        | 1,254 | 5                        | 530   | 71             | 1,026 |
| Branch                   | 19        | 608   | 4                        | 551   | 16             | 516   |
| Calhoun                  | 10        | 4     | 2                        | (D)   | 7              | (D)   |
| Cass                     | 8         | 109   | 1                        | (D)   | 9              | 52    |
| Charlevoix               | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cheboygan                | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Chippewa                 | 3         | 37    | -                        | -     | (NA)           | (NA)  |
| Clare                    | 3         | 1     | -                        | -     | (NA)           | (NA)  |
| Clinton                  | 6         | 22    | -                        | -     | 8              | 17    |

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area        | 2002      |       |                          |       | 1997 harvested |       |
|------------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                        | Harvested |       | Harvested for processing |       |                |       |
|                        | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>TOMATOES - Con.</b> |           |       |                          |       |                |       |
| <b>Counties - Con.</b> |           |       |                          |       |                |       |
| Delta                  | 3         | 1     | -                        | -     | 3              | 2     |
| Eaton                  | 2         | (D)   | 2                        | (D)   | (NA)           | (NA)  |
| Emmet                  | 10        | 10    | 3                        | 7     | 9              | 7     |
| Genesee                | 20        | 30    | -                        | -     | 15             | 41    |
| Gladwin                | 2         | (D)   | -                        | -     | 5              | 6     |
| Grand Traverse         | 8         | 4     | -                        | -     | 7              | 4     |
| Gratiot                | 5         | 6     | -                        | -     | 4              | (D)   |
| Hillsdale              | 6         | 9     | 1                        | (D)   | 7              | 5     |
| Houghton               | 4         | 1     | -                        | -     | 4              | 1     |
| Huron                  | 7         | 9     | -                        | -     | 4              | 5     |
| Ingham                 | 14        | 28    | 3                        | (D)   | 8              | 10    |
| Ionia                  | 5         | 9     | -                        | -     | 5              | 32    |
| Iosco                  | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Iron                   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella               | 7         | 23    | -                        | -     | (NA)           | (NA)  |
| Jackson                | 23        | 27    | -                        | -     | 22             | 96    |
| Kalamazoo              | 9         | 11    | -                        | -     | 10             | 17    |
| Kent                   | 20        | 20    | 1                        | (D)   | 20             | 57    |
| Lake                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer                 | 27        | 50    | 2                        | (D)   | 14             | 23    |
| Leelanau               | 9         | 6     | 1                        | (D)   | 6              | (D)   |
| Lenawee                | 13        | (D)   | 3                        | (D)   | 23             | 2,751 |
| Livingston             | 15        | 34    | 4                        | (D)   | 16             | 16    |
| Luce                   | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mackinac               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                 | 41        | 261   | 1                        | (D)   | 37             | 93    |
| Manistee               | 7         | (D)   | 2                        | (D)   | 5              | 12    |
| Marquette              | 4         | 1     | -                        | -     | (NA)           | (NA)  |
| Mason                  | 4         | 2     | -                        | -     | 3              | (D)   |
| Mecosta                | 19        | 7     | 4                        | 1     | 5              | 2     |
| Midland                | 7         | 6     | -                        | -     | 6              | 4     |
| Monroe                 | 35        | 1,732 | 5                        | 1,535 | 33             | 1,228 |
| Montcalm               | 14        | 13    | 4                        | 4     | 5              | 1     |
| Montmorency            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Muskegon               | 4         | 13    | -                        | -     | 6              | 8     |
| Newaygo                | 9         | 8     | -                        | -     | 8              | 3     |
| Oakland                | 12        | 19    | -                        | -     | 13             | 15    |
| Oceana                 | 9         | 17    | -                        | -     | 13             | 14    |
| Ogemaw                 | 3         | 2     | -                        | -     | (NA)           | (NA)  |
| Osceola                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Otsego                 | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Ottawa                 | 43        | 49    | 5                        | (D)   | 24             | 257   |
| Presque Isle           | 4         | 1     | 1                        | (D)   | (NA)           | (NA)  |
| Saginaw                | 24        | 17    | 2                        | (D)   | 12             | 21    |
| St. Clair              | 17        | 43    | 2                        | (D)   | 17             | 25    |
| St. Joseph             | 11        | 527   | 3                        | (D)   | 17             | 1,300 |
| Sanilac                | 15        | 6     | -                        | -     | 7              | 2     |
| Shiawassee             | 3         | 1     | -                        | -     | 8              | 4     |
| Tuscola                | 15        | 18    | 3                        | 4     | 5              | 9     |
| Van Buren              | 24        | 42    | 4                        | 1     | 14             | 19    |
| Washtenaw              | 29        | 29    | -                        | -     | 20             | 33    |
| Wayne                  | 22        | 46    | -                        | -     | 19             | 32    |
| Wexford                | 8         | 5     | -                        | -     | (NA)           | (NA)  |
| <b>TURNIPS</b>         |           |       |                          |       |                |       |
| <b>State Total</b>     |           |       |                          |       |                |       |
| Michigan               | 26        | 588   | 3                        | (D)   | 34             | 406   |
| <b>Counties</b>        |           |       |                          |       |                |       |
| Alligan                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cass                   | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Lapeer                 | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Livingston             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                 | 1         | (D)   | -                        | -     | 4              | 9     |
| Menominee              | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe                 | 3         | 2     | -                        | -     | 3              | 1     |
| Muskegon               | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo                | 2         | (D)   | -                        | -     | 5              | 156   |
| Oceana                 | 1         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Ottawa                 | 5         | (D)   | 1                        | (D)   | 5              | 126   |
| Sanilac                | 4         | 2     | -                        | -     | (NA)           | (NA)  |
| Tuscola                | 1         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Wayne                  | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>TURNIP GREENS</b>   |           |       |                          |       |                |       |
| <b>State Total</b>     |           |       |                          |       |                |       |
| Michigan               | 12        | 154   | -                        | -     | 23             | 311   |
| <b>Counties</b>        |           |       |                          |       |                |       |
| Allegan                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Arenac                 | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Berrien                | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb                 | 1         | (D)   | -                        | -     | 5              | (D)   |
| Monroe                 | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo                | 2         | (D)   | -                        | -     | (NA)           | (NA)  |

--continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area             | 2002      |       |                          |       | 1997 harvested |       |
|-----------------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                             | Harvested |       | Harvested for processing |       |                |       |
|                             | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>TURNIP GREENS - Con.</b> |           |       |                          |       |                |       |
| <b>Counties - Con.</b>      |           |       |                          |       |                |       |
| Van Buren . . . . .         | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Washtenaw . . . . .         | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>VEGETABLES, MIXED</b>    |           |       |                          |       |                |       |
| <b>State Total</b>          |           |       |                          |       |                |       |
| Michigan . . . . .          | 14        | 60    | 3                        | 16    | 28             | 181   |
| <b>Counties</b>             |           |       |                          |       |                |       |
| Allegan . . . . .           | 3         | 22    | 1                        | (D)   | (NA)           | (NA)  |
| Barry . . . . .             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Berrien . . . . .           | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Leelanau . . . . .          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb . . . . .            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mason . . . . .             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo . . . . .           | 2         | (D)   | 2                        | (D)   | (NA)           | (NA)  |
| Oceana . . . . .            | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Otsego . . . . .            | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Shiawassee . . . . .        | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>VEGETABLES, OTHER</b>    |           |       |                          |       |                |       |
| <b>State Total</b>          |           |       |                          |       |                |       |
| Michigan . . . . .          | 107       | (D)   | 5                        | 19    | 147            | 1,122 |
| <b>Counties</b>             |           |       |                          |       |                |       |
| Alger . . . . .             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Alliegan . . . . .          | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Barry . . . . .             | 1         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Bay . . . . .               | 2         | (D)   | 1                        | (D)   | 4              | 6     |
| Benzie . . . . .            | 2         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Berrien . . . . .           | 7         | 27    | 1                        | (D)   | 15             | 92    |
| Cass . . . . .              | 3         | 15    | -                        | -     | 4              | (D)   |
| Charlevoix . . . . .        | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cheboygan . . . . .         | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet . . . . .             | 3         | 2     | -                        | -     | 4              | 17    |
| Genesee . . . . .           | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Grand Traverse . . . . .    | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Gratiot . . . . .           | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Houghton . . . . .          | 1         | (D)   | -                        | -     | 9              | 8     |
| Ingham . . . . .            | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Isabella . . . . .          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson . . . . .           | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kalamazoo . . . . .         | 3         | 2     | -                        | -     | (NA)           | (NA)  |
| Kent . . . . .              | 5         | 12    | -                        | -     | 6              | (D)   |
| Lapeer . . . . .            | 7         | (D)   | -                        | -     | 7              | 76    |
| Leelanau . . . . .          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Livingston . . . . .        | 5         | 3     | -                        | -     | (NA)           | (NA)  |
| Mackinac . . . . .          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb . . . . .            | 8         | 45    | -                        | -     | 14             | 81    |
| Marquette . . . . .         | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Mason . . . . .             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe . . . . .            | 1         | (D)   | -                        | -     | 6              | 27    |
| Montcalm . . . . .          | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Muskegon . . . . .          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Newaygo . . . . .           | 6         | 392   | -                        | -     | 3              | 215   |
| Oceana . . . . .            | 2         | (D)   | -                        | -     | 7              | 65    |
| Ottawa . . . . .            | 8         | 43    | -                        | -     | 10             | 114   |
| Saginaw . . . . .           | 3         | 2     | -                        | -     | 3              | (D)   |
| St. Clair . . . . .         | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| St. Joseph . . . . .        | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Sanilac . . . . .           | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Shiawassee . . . . .        | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Tuscola . . . . .           | 2         | (D)   | 1                        | (D)   | (NA)           | (NA)  |
| Van Buren . . . . .         | 4         | 8     | -                        | -     | (NA)           | (NA)  |
| Washtenaw . . . . .         | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| <b>WATERMELONS</b>          |           |       |                          |       |                |       |
| <b>State Total</b>          |           |       |                          |       |                |       |
| Michigan . . . . .          | 178       | 584   | -                        | -     | 118            | 169   |
| <b>Counties</b>             |           |       |                          |       |                |       |
| Allegan . . . . .           | 6         | 6     | -                        | -     | 5              | 4     |
| Barry . . . . .             | 2         | (D)   | -                        | -     | 3              | (D)   |
| Bay . . . . .               | 12        | 19    | -                        | -     | 6              | 13    |
| Berrien . . . . .           | 14        | 21    | -                        | -     | 12             | 15    |
| Branch . . . . .            | 4         | 2     | -                        | -     | 7              | 12    |
| Calhoun . . . . .           | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Cass . . . . .              | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clare . . . . .             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Clinton . . . . .           | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Crawford . . . . .          | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Emmet . . . . .             | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Genesee . . . . .           | 6         | 5     | -                        | -     | (NA)           | (NA)  |
| Gladwin . . . . .           | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Hillsdale . . . . .         | 1         | (D)   | -                        | -     | (NA)           | (NA)  |

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area           | 2002      |       |                          |       | 1997 harvested |       |
|---------------------------|-----------|-------|--------------------------|-------|----------------|-------|
|                           | Harvested |       | Harvested for processing |       |                |       |
|                           | Farms     | Acres | Farms                    | Acres | Farms          | Acres |
| <b>WATERMELONS - Con.</b> |           |       |                          |       |                |       |
| <b>Counties - Con.</b>    |           |       |                          |       |                |       |
| Huron . . . . .           | 5         | 4     | -                        | -     | (NA)           | (NA)  |
| Ingham . . . . .          | 5         | 10    | -                        | -     | (NA)           | (NA)  |
| Ionia . . . . .           | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Jackson . . . . .         | 6         | 6     | -                        | -     | 5              | 6     |
| Kalamazoo . . . . .       | 4         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kalkaska . . . . .        | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Kent . . . . .            | 5         | 5     | -                        | -     | 3              | 1     |
| Lapeer . . . . .          | 5         | 4     | -                        | -     | (NA)           | (NA)  |
| Livingston . . . . .      | 6         | 4     | -                        | -     | (NA)           | (NA)  |
| Luce . . . . .            | 2         | (D)   | -                        | -     | (NA)           | (NA)  |
| Macomb . . . . .          | 6         | 13    | -                        | -     | 10             | 21    |
| Mecosta . . . . .         | 9         | 5     | -                        | -     | (NA)           | (NA)  |
| Midland . . . . .         | 1         | (D)   | -                        | -     | (NA)           | (NA)  |
| Monroe . . . . .          | 12        | 125   | -                        | -     | 7              | 12    |
| Montcalm . . . . .        | 2         | (D)   | -                        | -     | 3              | 3     |
| Newaygo . . . . .         | 5         | 3     | -                        | -     | 3              | (Z)   |
| Oakland . . . . .         | 1         | (D)   | -                        | -     | 3              | (D)   |
| Ottawa . . . . .          | 14        | 57    | -                        | -     | 8              | 8     |
| Saginaw . . . . .         | 7         | 6     | -                        | -     | (NA)           | (NA)  |
| St. Clair . . . . .       | 4         | 15    | -                        | -     | (NA)           | (NA)  |
| St. Joseph . . . . .      | 1         | (D)   | -                        | -     | 5              | 7     |
| Tuscola . . . . .         | 3         | 7     | -                        | -     | (NA)           | (NA)  |
| Van Buren . . . . .       | 8         | 13    | -                        | -     | (NA)           | (NA)  |
| Washtenaw . . . . .       | 3         | (D)   | -                        | -     | (NA)           | (NA)  |
| Wayne . . . . .           | 5         | 42    | -                        | -     | 3              | 1     |

**Table 30. Land in Orchards: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area          | 2002  |         |           |        | 1997  |         |           |        |
|--------------------------|-------|---------|-----------|--------|-------|---------|-----------|--------|
|                          | Total |         | Irrigated |        | Total |         | Irrigated |        |
|                          | Farms | Acres   | Farms     | Acres  | Farms | Acres   | Farms     | Acres  |
| <b>LAND IN ORCHARDS</b>  |       |         |           |        |       |         |           |        |
| <b>State Total</b>       |       |         |           |        |       |         |           |        |
| Michigan . . . . .       | 2,601 | 118,166 | 478       | 13,264 | 3,262 | 148,296 | 412       | 12,598 |
| <b>Counties</b>          |       |         |           |        |       |         |           |        |
| Alcona . . . . .         | 14    | 109     | -         | -      | 5     | 17      | 1         | (D)    |
| Alger . . . . .          | 2     | (D)     | -         | -      | 5     | 9       | 1         | (D)    |
| Allegan . . . . .        | 72    | 1,880   | 9         | 112    | 113   | 4,468   | 14        | 89     |
| Alpena . . . . .         | 15    | 43      | 4         | 9      | 23    | 114     | 2         | (D)    |
| Antrim . . . . .         | 80    | 4,761   | 18        | 500    | 72    | 4,754   | 10        | 331    |
| Arenac . . . . .         | 6     | 32      | -         | -      | 4     | 31      | -         | -      |
| Baraga . . . . .         | 5     | 58      | -         | -      | 6     | 39      | -         | -      |
| Barry . . . . .          | 18    | 46      | 3         | 9      | 22    | 59      | 1         | (D)    |
| Bay . . . . .            | 25    | 87      | 3         | 4      | 12    | 36      | 4         | 9      |
| Benzie . . . . .         | 38    | 2,941   | 10        | 148    | 53    | 3,270   | 12        | 201    |
| Berrien . . . . .        | 369   | 16,352  | 47        | 1,261  | 522   | 21,635  | 38        | 718    |
| Branch . . . . .         | 7     | 111     | -         | -      | 14    | 193     | 1         | (D)    |
| Calhoun . . . . .        | 16    | 58      | 1         | (D)    | 13    | 103     | -         | -      |
| Cass . . . . .           | 41    | 3,714   | 14        | 1,040  | 38    | 2,253   | 6         | 254    |
| Charlevoix . . . . .     | 32    | 540     | 4         | 5      | 18    | 809     | 3         | (D)    |
| Cheboygan . . . . .      | 17    | 63      | 6         | 15     | 3     | (D)     | -         | -      |
| Chippewa . . . . .       | 6     | 11      | 1         | (D)    | 7     | 15      | 1         | (D)    |
| Clare . . . . .          | 14    | 34      | 5         | 11     | 11    | 35      | -         | -      |
| Clinton . . . . .        | 26    | 221     | 4         | (D)    | 34    | 410     | 6         | 208    |
| Crawford . . . . .       | 3     | (D)     | -         | -      | (NA)  | (NA)    | (NA)      | (NA)   |
| Delta . . . . .          | 14    | 72      | 2         | (D)    | 21    | 116     | -         | -      |
| Dickinson . . . . .      | 4     | 3       | -         | -      | 6     | 40      | -         | -      |
| Eaton . . . . .          | 21    | 118     | 4         | 16     | 25    | 165     | 2         | (D)    |
| Emmet . . . . .          | 13    | 41      | 2         | (D)    | 14    | 62      | 6         | 32     |
| Genesee . . . . .        | 31    | 572     | 4         | 139    | 39    | 397     | 2         | (D)    |
| Gladwin . . . . .        | 9     | 44      | 2         | (D)    | 9     | 24      | 2         | (D)    |
| Gogebic . . . . .        | 1     | (D)     | -         | -      | (NA)  | (NA)    | (NA)      | (NA)   |
| Grand Traverse . . . . . | 158   | 7,670   | 60        | 1,505  | 174   | 9,741   | 48        | 1,747  |
| Gratiot . . . . .        | 10    | 29      | -         | -      | 7     | 173     | -         | -      |
| Hillsdale . . . . .      | 18    | 190     | 3         | (D)    | 14    | 262     | 1         | (D)    |
| Houghton . . . . .       | 13    | 32      | 1         | (D)    | 8     | 12      | 3         | (D)    |
| Huron . . . . .          | 7     | 24      | 1         | (D)    | 8     | 47      | 1         | (D)    |
| Ingham . . . . .         | 36    | 218     | 15        | 23     | 28    | 320     | 6         | 35     |
| Ionia . . . . .          | 20    | 910     | 5         | 230    | 40    | 1,708   | 4         | 187    |
| Iosco . . . . .          | 15    | 39      | -         | -      | 14    | 56      | 1         | (D)    |
| Iron . . . . .           | 7     | 14      | -         | -      | 10    | 24      | 2         | (D)    |
| Isabella . . . . .       | 8     | 70      | -         | -      | 7     | 59      | 3         | (D)    |
| Jackson . . . . .        | 34    | 205     | 5         | 19     | 22    | 177     | 3         | (D)    |
| Kalamazoo . . . . .      | 35    | 799     | 4         | 20     | 38    | 1,230   | 2         | (D)    |
| Kalkaska . . . . .       | 1     | (D)     | 1         | (D)    | (NA)  | (NA)    | (NA)      | (NA)   |
| Kent . . . . .           | 109   | 11,384  | 20        | 1,628  | 206   | 16,181  | 19        | 1,276  |
| Lake . . . . .           | 1     | (D)     | -         | -      | 6     | 23      | 2         | (D)    |
| Lapeer . . . . .         | 30    | 609     | 6         | 56     | 45    | 762     | 4         | 19     |
| Leelanau . . . . .       | 205   | 16,305  | 40        | 1,285  | 260   | 17,941  | 48        | 2,501  |
| Lenawee . . . . .        | 41    | 714     | 16        | 347    | 46    | 905     | 12        | 413    |
| Livingston . . . . .     | 29    | 133     | 4         | 23     | 24    | 557     | 5         | 67     |
| Luce . . . . .           | 1     | (D)     | -         | -      | (NA)  | (NA)    | (NA)      | (NA)   |
| Mackinac . . . . .       | 1     | (D)     | -         | -      | 5     | 10      | -         | -      |
| Macomb . . . . .         | 25    | 654     | 7         | 206    | 42    | 886     | 4         | (D)    |
| Manistee . . . . .       | 38    | 2,497   | 7         | 677    | 59    | 3,809   | 9         | 812    |
| Marquette . . . . .      | 8     | 62      | 1         | (D)    | 12    | 57      | 2         | (D)    |
| Mason . . . . .          | 49    | 5,198   | 10        | 147    | 58    | 5,135   | 8         | (D)    |
| Mecosta . . . . .        | 15    | 183     | -         | -      | 19    | 195     | 4         | (D)    |
| Menominee . . . . .      | 15    | 71      | -         | -      | 22    | 65      | 1         | (D)    |
| Midland . . . . .        | 12    | 56      | 1         | (D)    | 14    | 26      | 1         | (D)    |
| Missaukee . . . . .      | 2     | (D)     | 2         | (D)    | 10    | 18      | 1         | (D)    |
| Monroe . . . . .         | 47    | 299     | 5         | (D)    | 40    | 337     | 5         | 189    |
| Montcalm . . . . .       | 17    | 794     | 6         | 371    | 20    | 968     | 1         | (D)    |
| Montmorency . . . . .    | 4     | 6       | 2         | (D)    | 3     | 8       | -         | -      |
| Muskegon . . . . .       | 24    | 3,233   | 7         | 664    | 37    | 3,816   | 6         | 104    |
| Newaygo . . . . .        | 35    | 1,950   | 7         | 210    | 46    | 2,468   | 9         | 107    |
| Oakland . . . . .        | 22    | 307     | 5         | (D)    | 40    | 545     | 4         | (D)    |
| Oceana . . . . .         | 130   | 15,681  | 11        | 288    | 156   | 15,895  | 8         | 175    |
| Ogemaw . . . . .         | 3     | (D)     | 2         | (D)    | 6     | 47      | -         | -      |
| Ontonagon . . . . .      | 8     | 11      | 3         | 3      | (NA)  | (NA)    | (NA)      | (NA)   |
| Osceola . . . . .        | 7     | 12      | -         | -      | 21    | 56      | 7         | 16     |
| Oscoda . . . . .         | 6     | 13      | -         | -      | (NA)  | (NA)    | (NA)      | (NA)   |
| Otsego . . . . .         | 3     | 15      | 3         | 15     | 7     | 16      | 3         | 2      |
| Ottawa . . . . .         | 65    | 3,952   | 9         | 187    | 73    | 6,397   | 16        | 231    |
| Presque Isle . . . . .   | 13    | 42      | 1         | (D)    | 15    | 34      | 1         | (D)    |
| Roscommon . . . . .      | 2     | (D)     | 2         | (D)    | 5     | 76      | -         | -      |
| Saginaw . . . . .        | 19    | 76      | 3         | 3      | 29    | 203     | 4         | (D)    |
| St. Clair . . . . .      | 37    | 188     | 5         | 12     | 26    | 108     | 1         | (D)    |
| St. Joseph . . . . .     | 13    | 185     | 3         | (Z)    | 14    | 284     | -         | -      |
| Sanilac . . . . .        | 23    | 147     | 4         | 10     | 24    | 389     | -         | -      |
| Schoolcraft . . . . .    | 5     | (D)     | -         | -      | 7     | 19      | -         | -      |
| Shiawassee . . . . .     | 13    | 188     | 2         | (D)    | 31    | 186     | 3         | (D)    |
| Tuscola . . . . .        | 11    | 197     | 2         | (D)    | 11    | 146     | 3         | (D)    |
| Van Buren . . . . .      | 188   | 10,281  | 27        | 1,331  | 286   | 16,197  | 18        | 1,598  |
| Washtenaw . . . . .      | 45    | 337     | 12        | 47     | 36    | 358     | 11        | 128    |
| Wayne . . . . .          | 11    | 144     | 4         | 88     | 20    | 206     | 6         | 20     |
| Wexford . . . . .        | 8     | 24      | 1         | (D)    | 12    | 63      | -         | -      |

**Table 31. Fruits and Nuts: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area       | Total        |                | Bearing acres    |               | Nonbearing acres |             |
|-----------------------|--------------|----------------|------------------|---------------|------------------|-------------|
|                       | Farms        | Acres          | Farms            | Number        | Farms            | Number      |
| <b>APPLES</b>         |              |                |                  |               |                  |             |
| <b>State Total</b>    |              |                |                  |               |                  |             |
| Michigan              | 2002<br>1997 | 1,750<br>2,290 | 50,539<br>73,251 | 1,373<br>(NA) | 44,411<br>(NA)   | 952<br>(NA) |
| <b>Counties, 2002</b> |              |                |                  |               |                  |             |
| Alcona                | 14           | 58             | 7                | 31            | 8                | 27          |
| Alger                 | 2            | (D)            | 1                | (D)           | 1                | (D)         |
| Allegan               | 47           | 841            | 43               | 735           | 18               | 106         |
| Alpena                | 15           | 30             | 8                | 4             | 10               | 26          |
| Antrim                | 40           | 664            | 27               | 528           | 20               | 136         |
| Arenac                | 6            | (D)            | 3                | (D)           | 3                | 4           |
| Baraga                | 5            | 57             | 4                | (D)           | 2                | (D)         |
| Barry                 | 14           | 28             | 12               | 16            | 3                | 12          |
| Bay                   | 23           | 70             | 14               | 43            | 18               | 27          |
| Benzie                | 30           | 1,084          | 30               | 989           | 13               | 95          |
| Berrien               | 175          | 5,460          | 162              | 4,908         | 91               | 552         |
| Branch                | 5            | 92             | 5                | (D)           | 1                | (D)         |
| Calhoun               | 7            | 30             | 2                | (D)           | 5                | (D)         |
| Cass                  | 29           | 2,510          | 23               | 2,344         | 14               | 167         |
| Charlevoix            | 23           | 198            | 12               | 155           | 16               | 43          |
| Cheboygan             | 10           | (D)            | 1                | (D)           | 9                | 16          |
| Chippewa              | 5            | (D)            | 1                | (D)           | 4                | 5           |
| Clare                 | 14           | 33             | 10               | 24            | 9                | 10          |
| Clinton               | 24           | 207            | 13               | 161           | 14               | 46          |
| Crawford              | 3            | (D)            | 3                | (D)           | 2                | (D)         |
| Delta                 | 14           | 70             | 13               | 58            | 8                | 12          |
| Dickinson             | 4            | (D)            | 4                | (D)           | 3                | 1           |
| Eaton                 | 16           | 62             | 12               | 55            | 7                | 7           |
| Emmet                 | 10           | 23             | 2                | (D)           | 10               | (D)         |
| Genesee               | 26           | 490            | 19               | 375           | 11               | 114         |
| Gladwin               | 9            | 37             | 2                | (D)           | 9                | (D)         |
| Gogebic               | 1            | (D)            | 1                | (D)           | -                | -           |
| Grand Traverse        | 63           | 936            | 53               | 806           | 31               | 130         |
| Gratiot               | 9            | 23             | 8                | 18            | 4                | 5           |
| Hillsdale             | 16           | 173            | 8                | 140           | 9                | 33          |
| Houghton              | 13           | 29             | 6                | 7             | 11               | 22          |
| Huron                 | 4            | 16             | 4                | 16            | -                | -           |
| Ingham                | 24           | 157            | 14               | 125           | 20               | 32          |
| Ionia                 | 18           | 819            | 17               | 687           | 11               | 132         |
| Iosco                 | 14           | 24             | 5                | 5             | 10               | 19          |
| Iron                  | 7            | (D)            | 3                | (D)           | 6                | 10          |
| Isabella              | 7            | 51             | 3                | (D)           | 5                | (D)         |
| Jackson               | 29           | 140            | 9                | 105           | 25               | 35          |
| Kalamazoo             | 17           | 152            | 10               | 81            | 14               | 70          |
| Kent                  | 101          | 10,709         | 100              | 9,720         | 55               | 990         |
| Lake                  | 1            | (D)            | 1                | (D)           | 1                | (D)         |
| Lapeer                | 26           | 465            | 16               | 375           | 17               | 89          |
| Leelanau              | 77           | 2,066          | 72               | 1,919         | 36               | 147         |
| Lenawee               | 37           | 594            | 31               | 550           | 18               | 44          |
| Livingston            | 23           | 61             | 15               | 24            | 13               | 37          |
| Luce                  | 1            | (D)            | 1                | (D)           | 1                | (D)         |
| Mackinac              | 1            | (D)            | 1                | (D)           | -                | -           |
| Macomb                | 23           | 534            | 20               | 504           | 9                | 30          |
| Manistee              | 31           | 1,203          | 31               | 1,137         | 11               | 67          |
| Marquette             | 8            | 61             | 8                | (D)           | 1                | (D)         |
| Mason                 | 43           | 1,773          | 40               | 1,540         | 21               | 233         |
| Mecosta               | 10           | (D)            | 8                | 60            | 3                | (D)         |
| Menominee             | 15           | 70             | 12               | 35            | 9                | 35          |
| Midland               | 8            | 43             | 6                | (D)           | 4                | (D)         |
| Missaukee             | 2            | (D)            | 2                | (D)           | 1                | (D)         |
| Monroe                | 41           | 236            | 24               | 200           | 22               | 37          |
| Montcalm              | 16           | 746            | 15               | 662           | 8                | 84          |
| Montmorency           | 4            | 6              | 4                | (D)           | 2                | (D)         |
| Muskegon              | 21           | 2,789          | 19               | 2,555         | 12               | 235         |
| Newaygo               | 25           | 1,676          | 24               | 1,616         | 13               | 60          |
| Oakland               | 22           | 277            | 11               | 247           | 12               | 30          |
| Oceana                | 86           | 4,038          | 81               | 3,526         | 44               | 512         |
| Ogemaw                | 3            | (D)            | 3                | (D)           | 1                | (D)         |
| Ontonagon             | 8            | 11             | 2                | (D)           | 7                | (D)         |
| Osceola               | 7            | 4              | 2                | (D)           | 6                | (D)         |
| Oscoda                | 6            | 7              | 6                | (D)           | 2                | (D)         |
| Otsego                | 3            | 15             | -                | -             | 3                | 15          |
| Ottawa                | 54           | 3,366          | 52               | 2,952         | 26               | 413         |
| Presque Isle          | 13           | 33             | 8                | 18            | 9                | 16          |
| Roscommon             | 2            | (D)            | 2                | (D)           | 2                | (D)         |
| Saginaw               | 16           | 60             | 13               | 41            | 8                | 19          |
| St. Clair             | 37           | 157            | 22               | 75            | 27               | 83          |
| St. Joseph            | 13           | 97             | 7                | 79            | 8                | 18          |
| Sanilac               | 21           | 108            | 18               | 85            | 8                | 23          |
| Schoolcraft           | 3            | (D)            | 3                | (D)           | 2                | (D)         |
| Shiawassee            | 10           | 67             | 8                | 64            | 4                | 3           |
| Tuscola               | 7            | (D)            | 5                | 58            | 3                | (D)         |
| Van Buren             | 81           | 3,969          | 70               | 3,227         | 40               | 742         |
| Washtenaw             | 35           | 251            | 24               | 186           | 18               | 65          |
| Wayne                 | 9            | 124            | 7                | 109           | 5                | 15          |
| Wexford               | 8            | 20             | 5                | 16            | 5                | 4           |

--continued

**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                       | Total |       | Bearing acres |        | Nonbearing acres |        |
|---------------------------------------|-------|-------|---------------|--------|------------------|--------|
|                                       | Farms | Acres | Farms         | Number | Farms            | Number |
| <b>APRICOTS</b>                       |       |       |               |        |                  |        |
| <b>State Total</b>                    |       |       |               |        |                  |        |
| Michigan                              | 2002  | 71    | 89            | 57     | 68               | 28     |
|                                       | 1997  | 72    | 81            | (NA)   | (NA)             | (NA)   |
| <b>Counties, 2002</b>                 |       |       |               |        |                  |        |
| Alpena                                |       | 1     | (D)           | -      | -                | 1      |
| Antrim                                |       | 2     | (D)           | 2      | (D)              | 1      |
| Benzie                                |       | 1     | (D)           | 1      | (D)              | -      |
| Berrien                               |       | 18    | 22            | 17     | (D)              | 4      |
| Calhoun                               |       | 3     | 1             | 3      | (D)              | 3      |
| Charlevoix                            |       | 3     | 1             | 3      | (D)              | 2      |
| Eaton                                 |       | 1     | (D)           | 1      | (D)              | 1      |
| Grand Traverse                        |       | 5     | (D)           | 5      | (D)              | 2      |
| Houghton                              |       | 3     | 2             | 3      | 2                | -      |
| Kalamazoo                             |       | 1     | (D)           | 1      | (D)              | -      |
| Kent                                  |       | 1     | (D)           | 1      | (D)              | 1      |
| Leelanau                              |       | 4     | (D)           | 3      | (D)              | 1      |
| Lenawee                               |       | 1     | (D)           | 1      | (D)              | -      |
| Livingston                            |       | 2     | (D)           | 2      | (D)              | -      |
| Macomb                                |       | 1     | (D)           | 1      | (D)              | -      |
| Manistee                              |       | 1     | (D)           | 1      | (D)              | -      |
| Mason                                 |       | 1     | (D)           | 1      | (D)              | -      |
| Muskegon                              |       | 3     | 5             | -      | -                | 3      |
| Newaygo                               |       | 1     | (D)           | -      | -                | 1      |
| Oakland                               |       | 3     | (D)           | -      | -                | 3      |
| Oceana                                |       | 6     | 19            | 5      | (D)              | 2      |
| Oscoda                                |       | 2     | (D)           | -      | -                | (D)    |
| Ottawa                                |       | 1     | (D)           | 1      | (D)              | -      |
| Presque Isle                          |       | 1     | (D)           | -      | -                | 1      |
| Tuscola                               |       | 1     | (D)           | 1      | (D)              | -      |
| Van Buren                             |       | 4     | 5             | 4      | 5                | -      |
| <b>CHERRIES, SWEET<br/>(SEE TEXT)</b> |       |       |               |        |                  |        |
| <b>State Total</b>                    |       |       |               |        |                  |        |
| Michigan                              | 2002  | 690   | 10,082        | 544    | 8,259            | 361    |
|                                       | 1997  | 798   | 11,345        | (NA)   | (NA)             | (NA)   |
| <b>Counties, 2002</b>                 |       |       |               |        |                  |        |
| Alcona                                |       | 2     | (D)           | 2      | (D)              | -      |
| Allegan                               |       | 16    | 21            | 14     | 18               | 3      |
| Alpena                                |       | 3     | (D)           | 1      | (D)              | 2      |
| Antrim                                |       | 34    | 978           | 26     | 730              | 20     |
| Barry                                 |       | 6     | 1             | 4      | (D)              | 2      |
| Bay                                   |       | 7     | 2             | 1      | (D)              | (D)    |
| Benzie                                |       | 23    | 393           | 23     | 318              | 10     |
| Berrien                               |       | 65    | 215           | 56     | 181              | 26     |
| Branch                                |       | 1     | (D)           | 1      | (D)              | -      |
| Calhoun                               |       | 3     | 6             | 3      | 4                | 3      |
| Cass                                  |       | 3     | (D)           | 1      | (D)              | 2      |
| Charlevoix                            |       | 13    | 43            | 6      | 40               | 9      |
| Cheboygan                             |       | 1     | (D)           | 1      | (D)              | -      |
| Chippewa                              |       | 1     | (D)           | 1      | (D)              | -      |
| Clinton                               |       | 5     | (D)           | 3      | (D)              | 2      |
| Delta                                 |       | 1     | (D)           | -      | -                | 1      |
| Eaton                                 |       | 6     | 3             | 2      | (D)              | 4      |
| Emmet                                 |       | 1     | (D)           | 1      | (D)              | -      |
| Genesee                               |       | 6     | 5             | 1      | (D)              | 5      |
| Gladwin                               |       | 4     | 2             | 1      | (D)              | 3      |
| Grand Traverse                        |       | 97    | 1,999         | 87     | 1,623            | 48     |
| Gratiot                               |       | 1     | (D)           | 1      | (D)              | -      |
| Hillsdale                             |       | 6     | 1             | -      | -                | 6      |
| Houghton                              |       | 1     | (D)           | -      | -                | 1      |
| Huron                                 |       | 1     | (D)           | 1      | (D)              | 1      |
| Ingham                                |       | 9     | (D)           | 1      | (D)              | 8      |
| Ionia                                 |       | 2     | (D)           | 1      | (D)              | 1      |
| Iosco                                 |       | 1     | (D)           | 1      | (D)              | 2      |
| Isabella                              |       | 1     | (D)           | 1      | (D)              | -      |
| Jackson                               |       | 4     | (D)           | 1      | (D)              | 4      |
| Kalamazoo                             |       | 4     | 8             | 3      | (D)              | 3      |
| Kent                                  |       | 14    | 55            | 11     | 39               | 8      |
| Lake                                  |       | 1     | (D)           | 1      | (D)              | 17     |
| Lapeer                                |       | 7     | 26            | 5      | (D)              | 3      |
| Leelanau                              |       | 136   | 4,600         | 129    | 3,895            | 75     |
| Lenawee                               |       | 9     | 19            | 7      | 18               | 5      |
| Livingston                            |       | 2     | (D)           | 1      | (D)              | 2      |
| Macomb                                |       | 8     | 19            | 7      | (D)              | (D)    |
| Manistee                              |       | 15    | 276           | 15     | 246              | 5      |
| Mason                                 |       | 20    | 542           | 19     | 488              | 9      |
| Mecosta                               |       | 1     | (D)           | 1      | (D)              | -      |
| Midland                               |       | 1     | (D)           | 1      | (D)              | -      |
| Monroe                                |       | 9     | 5             | 4      | 2                | 6      |
| Montcalm                              |       | 5     | 5             | 4      | (D)              | 3      |
| Muskegon                              |       | 6     | 17            | 3      | 11               | 4      |
| Newaygo                               |       | 9     | 29            | 2      | (D)              | 8      |
| Oakland                               |       | 4     | (D)           | 3      | (D)              | 1      |
| Oceana                                |       | 35    | 528           | 32     | 385              | 19     |
| Oscoda                                |       | 1     | (D)           | 1      | (D)              | -      |
| Ottawa                                |       | 13    | 101           | 13     | (D)              | 3      |
| Presque Isle                          |       | 4     | (D)           | 2      | (D)              | (D)    |

-continued

**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                              | Total |       | Bearing acres |        | Nonbearing acres |        |
|--|-------|-------|---------------|--------|------------------|--------|
|  | Farms | Acres | Farms         | Number | Farms            | Number |
| <b>CHERRIES, SWEET<br/>(SEE TEXT) - Con.</b> |       |       |               |        |                  |        |
| <b>Counties, 2002 - Con.</b>                 |       |       |               |        |                  |        |
| Saginaw                                      | 5     | 1     | 2             |        | 3                | (D)    |
| St. Clair                                    | 6     | (D)   | (D)           |        | 6                | (D)    |
| St. Joseph                                   | 1     | (D)   | 1             |        | -                | -      |
| Sanilac                                      | 10    | 2     | 7             | 1      | 3                | 2      |
| Shiawassee                                   | 3     | (D)   | 2             |        | 1                | (D)    |
| Tuscola                                      | 2     | (D)   | 2             |        | 2                | (D)    |
| Van Buren                                    | 26    | 79    | 19            | 60     | 12               | 18     |
| Washtenaw                                    | 6     | (D)   | 3             | (D)    | 4                | 1      |
| Wayne  | 1     | (D)   | 1             | (D)    | -                | -      |
| Wexford                                      | 2     | (D)   | -             | -      | 2                | (D)    |
| <b>CHERRIES, TART<br/>(SEE TEXT)</b>         |       |       |               |        |                  |        |
| <b>State Total</b>                           |       |       |               |        |                  |        |
| Michigan                                     | 2002  | 735   | 34,386        | 626    | 28,042           | 403    |
|  | 1997  | 1,002 | 39,131        | (NA)   | (NA)             | (NA)   |
| <b>Counties, 2002</b>                        |       |       |               |        |                  |        |
| Alcona                                       | 3     | (D)   | 1             | (D)    | 2                | (D)    |
| Allegan                                      | 11    | 263   | 11            | 189    | 4                | 74     |
| Antrim                                       | 38    | 2,901 | 27            | 1,846  | 29               | 1,056  |
| Baraga                                       | 1     | (D)   | -             | -      | 1                | (D)    |
| Barry  | 2     | (D)   | -             | -      | 2                | (D)    |
| Bay  | 2     | (D)   | -             | -      | 2                | (D)    |
| Benzie                                       | 25    | 1,415 | 25            | 1,137  | 18               | 278    |
| Berrien                                      | 68    | 1,911 | 63            | 1,608  | 27               | 303    |
| Branch                                       | 4     | (D)   | 4             | (D)    | -                | -      |
| Cass   | 4     | 136   | 4             | (D)    | 2                | (D)    |
| Charlevoix                                   | 10    | (D)   | 5             | (D)    | 9                | (D)    |
| Clare  | 1     | (D)   | -             | -      | 1                | (D)    |
| Clinton                                      | 6     | 2     | 1             | (D)    | 5                | (D)    |
| Delta  | 1     | (D)   | -             | -      | 1                | (D)    |
| Eaton  | 8     | 4     | 3             | 1      | 5                | 3      |
| Emmet  | 4     | 1     | -             | -      | 4                | 1      |
| Genesee                                      | 5     | (D)   | 2             | (D)    | 3                | (Z)    |
| Gladwin                                      | 4     | 1     | 1             | (D)    | 3                | (D)    |
| Grand Traverse                               | 96    | 4,051 | 90            | 3,341  | 53               | 710    |
| Hillsdale                                    | 4     | 1     | 1             | (D)    | 3                | (D)    |
| Houghton                                     | 1     | (D)   | -             | -      | 1                | (D)    |
| Huron  | 1     | (D)   | 1             | (D)    | -                | -      |
| Ingham                                       | 9     | 6     | 5             | 5      | 5                | 1      |
| Ionia  | 3     | (D)   | 2             | (D)    | 3                | (D)    |
| Iosco  | 3     | 1     | 3             | 1      | -                | -      |
| Iron   | 1     | (D)   | 1             | (D)    | -                | -      |
| Isabella                                     | 1     | (D)   | 1             | (D)    | -                | -      |
| Jackson                                      | 3     | (D)   | 3             | (D)    | 1                | (D)    |
| Kalamazoo                                    | 8     | 106   | 8             | 103    | 3                | 3      |
| Kent   | 10    | 398   | 9             | 320    | 5                | 77     |
| Lake   | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Lapeer                                       | 5     | 7     | 2             | (D)    | 4                | (D)    |
| Leelanau                                     | 143   | 9,064 | 134           | 7,530  | 85               | 1,535  |
| Lenawee                                      | 8     | 9     | 7             | (D)    | 2                | (D)    |
| Livingston                                   | 6     | 15    | 5             | (D)    | 1                | (D)    |
| Macomb                                       | 5     | 6     | 5             | (D)    | 1                | (D)    |
| Manistee                                     | 20    | 892   | 20            | 814    | 11               | 78     |
| Marquette                                    | 1     | (D)   | -             | -      | 1                | (D)    |
| Mason  | 26    | 2,227 | 25            | 1,955  | 14               | 272    |
| Menominee                                    | 1     | (D)   | -             | -      | 1                | (D)    |
| Midland                                      | 1     | (D)   | 1             | (D)    | -                | -      |
| Monroe                                       | 7     | (D)   | 4             | 1      | 4                | (D)    |
| Muskegon                                     | 4     | 261   | 4             | (D)    | 1                | (D)    |
| Newaygo                                      | 14    | 156   | 7             | 131    | 10               | 26     |
| Oakland                                      | 6     | 2     | 2             | (D)    | 4                | (D)    |
| Oceana                                       | 73    | 8,581 | 72            | 6,956  | 46               | 1,625  |
| Oscoda                                       | 1     | (D)   | 1             | (D)    | -                | -      |
| Ottawa                                       | 6     | (D)   | 6             | (D)    | 2                | (D)    |
| Presque Isle                                 | 1     | (D)   | -             | -      | 1                | (D)    |
| Saginaw                                      | 4     | (D)   | 1             | (D)    | 3                | (Z)    |
| St. Clair                                    | 2     | (D)   | 1             | (D)    | 1                | (D)    |
| St. Joseph                                   | 1     | (D)   | 1             | (D)    | -                | -      |
| Sanilac                                      | 7     | 2     | 7             | 2      | -                | -      |
| Shiawassee                                   | 3     | (D)   | 2             | (D)    | 1                | (D)    |
| Tuscola                                      | 2     | (D)   | 2             | (D)    | 2                | (D)    |
| Van Buren                                    | 45    | 1,266 | 41            | 1,140  | 12               | 126    |
| Washtenaw                                    | 4     | (D)   | 4             | (D)    | 2                | (D)    |
| Wexford                                      | 1     | (D)   | -             | -      | 1                | (D)    |
| <b>GRAPES</b>                                |       |       |               |        |                  |        |
| <b>State Total</b>                           |       |       |               |        |                  |        |
| Michigan                                     | 2002  | 678   | 13,420        | 562    | 11,997           | 297    |
|  | 1997  | 839   | 13,915        | (NA)   | (NA)             | (NA)   |
| <b>Counties, 2002</b>                        |       |       |               |        |                  |        |
| Alcona                                       | 1     | (D)   | 1             | (D)    | -                | -      |
| Allegan                                      | 16    | 92    | 13            | 76     | 8                | 16     |
| Alpena                                       | 3     | (D)   | 1             | (D)    | 2                | (D)    |
| Antrim                                       | 12    | 14    | 8             | 7      | 5                | 7      |

--continued

**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area              | Total |       | Bearing acres |        | Nonbearing acres |        |
|------------------------------|-------|-------|---------------|--------|------------------|--------|
|                              | Farms | Acres | Farms         | Number | Farms            | Number |
| <b>GRAPES - Con.</b>         |       |       |               |        |                  |        |
| <b>Counties, 2002 - Con.</b> |       |       |               |        |                  |        |
| Baraga . . . . .             | 1     | (D)   | -             | -      | 1                | (D)    |
| Barry . . . . .              | 9     | 4     | 7             | 2      | 2                | (D)    |
| Bay . . . . .                | 10    | 5     | 4             | 2      | 6                | 3      |
| Benzie . . . . .             | 1     | (D)   | -             | -      | 1                | (D)    |
| Berrien . . . . .            | 240   | 6,687 | 225           | 5,948  | 87               | 739    |
| Branch . . . . .             | 1     | (D)   | 1             | (D)    | -                | -      |
| Calhoun . . . . .            | 6     | 2     | 3             | (D)    | 3                | (D)    |
| Cass . . . . .               | 5     | 825   | 5             | 757    | 3                | 68     |
| Charlevoix . . . . .         | 9     | 2     | 5             | 1      | 6                | 1      |
| Cheboygan . . . . .          | 7     | 42    | 4             | 10     | 4                | 32     |
| Clare . . . . .              | 4     | (D)   | 4             | (D)    | -                | -      |
| Clinton . . . . .            | 5     | 1     | 2             | (D)    | 3                | (D)    |
| Delta . . . . .              | 2     | (D)   | 2             | (D)    | 1                | (D)    |
| Eaton . . . . .              | 2     | (D)   | 1             | (D)    | 1                | (D)    |
| Emmet . . . . .              | 2     | (D)   | 2             | (D)    | -                | -      |
| Genesee . . . . .            | 6     | (D)   | 3             | (D)    | 4                | (D)    |
| Grand Traverse . . . . .     | 49    | 438   | 31            | 342    | 28               | 96     |
| Gratiot . . . . .            | 3     | (Z)   | 3             | (Z)    | -                | -      |
| Hillsdale . . . . .          | 7     | 1     | 4             | (Z)    | 3                | 1      |
| Houghton . . . . .           | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Huron . . . . .              | 2     | (D)   | 1             | (D)    | 1                | (D)    |
| Ingham . . . . .             | 12    | 5     | 6             | 4      | 7                | 1      |
| Ionia . . . . .              | 2     | (D)   | 2             | (D)    | 1                | (D)    |
| Iosco . . . . .              | 5     | 3     | 2             | (D)    | 3                | (D)    |
| Jackson . . . . .            | 9     | 17    | 8             | 13     | 6                | 4      |
| Kalamazoo . . . . .          | 15    | 490   | 15            | 424    | 4                | 66     |
| Kent . . . . .               | 3     | (D)   | 3             | (D)    | 1                | (D)    |
| Lapeer . . . . .             | 4     | (D)   | 4             | (D)    | 1                | (D)    |
| Leelanau . . . . .           | 28    | 216   | 21            | 185    | 16               | 31     |
| Lenawee . . . . .            | 5     | 4     | -             | -      | 5                | 4      |
| Livingston . . . . .         | 1     | (D)   | 1             | (D)    | -                | -      |
| Macomb . . . . .             | 4     | (D)   | 4             | (D)    | 2                | (D)    |
| Marquette . . . . .          | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Mason . . . . .              | 5     | (D)   | 5             | (D)    | 2                | (D)    |
| Menominee . . . . .          | 2     | (D)   | 2             | (D)    | -                | -      |
| Midland . . . . .            | 1     | (D)   | 1             | (D)    | -                | -      |
| Monroe . . . . .             | 12    | 6     | 8             | 4      | 7                | 2      |
| Montcalm . . . . .           | 3     | (D)   | 3             | (D)    | -                | -      |
| Muskegon . . . . .           | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Newaygo . . . . .            | 6     | 4     | 5             | (D)    | 2                | (D)    |
| Oakland . . . . .            | 2     | (D)   | -             | -      | 2                | (D)    |
| Oceana . . . . .             | 3     | (D)   | 2             | (D)    | 3                | (D)    |
| Oscoda . . . . .             | 3     | (D)   | 1             | (D)    | 2                | (D)    |
| Ottawa . . . . .             | 3     | 1     | 2             | (D)    | 3                | (D)    |
| Presque Isle . . . . .       | 1     | (D)   | 1             | (D)    | -                | -      |
| Saginaw . . . . .            | 3     | 1     | 3             | 1      | -                | -      |
| St. Clair . . . . .          | 5     | 3     | 5             | 3      | -                | -      |
| St. Joseph . . . . .         | 3     | (D)   | 2             | (D)    | 1                | (D)    |
| Sanilac . . . . .            | 8     | 2     | 8             | (D)    | 1                | (D)    |
| Shiawassee . . . . .         | 1     | (D)   | 1             | (D)    | -                | -      |
| Tuscola . . . . .            | 3     | (D)   | 1             | (D)    | 3                | (D)    |
| Van Buren . . . . .          | 106   | 4,382 | 103           | 4,081  | 41               | 301    |
| Washtenaw . . . . .          | 12    | 14    | 9             | 8      | 10               | 6      |
| Wayne . . . . .              | 1     | (D)   | -             | -      | 1                | (D)    |
| Wexford . . . . .            | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| <b>NECTARINES</b>            |       |       |               |        |                  |        |
| <b>State Total</b>           |       |       |               |        |                  |        |
| Michigan . . . . .           | 2002  | 69    | 93            | 55     | 76               | 26     |
|                              | 1997  | 53    | 99            | (NA)   | (NA)             | (NA)   |
| <b>Counties, 2002</b>        |       |       |               |        |                  |        |
| Allagan . . . . .            | 7     | 6     | 4             | 6      | 3                | (Z)    |
| Antrim . . . . .             | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Berrien . . . . .            | 26    | 47    | 25            | 44     | 6                | 3      |
| Cass . . . . .               | 3     | (D)   | 1             | (D)    | 2                | (D)    |
| Charlevoix . . . . .         | 3     | 1     | -             | -      | 3                | 1      |
| Eaton . . . . .              | 4     | 2     | -             | -      | 4                | 2      |
| Grand Traverse . . . . .     | 3     | (D)   | 3             | (D)    | 1                | (D)    |
| Ionia . . . . .              | 1     | (D)   | 1             | (D)    | -                | -      |
| Iosco . . . . .              | 1     | (D)   | 1             | (D)    | -                | -      |
| Kalamazoo . . . . .          | 1     | (D)   | 1             | (D)    | -                | -      |
| Kent . . . . .               | 1     | (D)   | 1             | (D)    | -                | -      |
| Leelanau . . . . .           | 1     | (D)   | 1             | (D)    | -                | -      |
| Lenawee . . . . .            | 3     | (D)   | 2             | (D)    | 2                | (D)    |
| Macomb . . . . .             | 1     | (D)   | 1             | (D)    | -                | -      |
| Montcalm . . . . .           | 1     | (D)   | 1             | (D)    | -                | -      |
| Newaygo . . . . .            | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Oceana . . . . .             | 2     | (D)   | 2             | (D)    | 1                | (D)    |
| Ottawa . . . . .             | 3     | 6     | 3             | (D)    | 2                | (D)    |
| St. Clair . . . . .          | 1     | (D)   | 1             | (D)    | -                | -      |
| Tuscola . . . . .            | 1     | (D)   | 1             | (D)    | -                | -      |
| Van Buren . . . . .          | 4     | (D)   | 4             | (D)    | -                | -      |

--continued

**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area       | Total |       | Bearing acres |        | Nonbearing acres |        |
|-----------------------|-------|-------|---------------|--------|------------------|--------|
|                       | Farms | Acres | Farms         | Number | Farms            | Number |
| <b>PEACHES, ALL</b>   |       |       |               |        |                  |        |
| <b>State Total</b>    |       |       |               |        |                  |        |
| Michigan .....        | 2002  | 732   | 6,326         | 582    | 5,056            | 352    |
|                       | 1997  | 826   | 7,287         | (NA)   | (NA)             | (NA)   |
| <b>Counties, 2002</b> |       |       |               |        |                  |        |
| Alcona .....          |       | 1     | (D)           | 1      | (D)              | -      |
| Allelan .....         |       | 42    | 488           | 36     | 424              | 15     |
| Alpena .....          |       | 7     | 7             | 4      | 2                | 5      |
| Antrim .....          |       | 12    | 44            | 7      | 32               | 7      |
| Barry .....           |       | 12    | 3             | 10     | (D)              | 2      |
| Bay .....             |       | 7     | 4             | 2      | (D)              | 5      |
| Benzie .....          |       | 7     | (D)           | 6      | 10               | (D)    |
| Berrien .....         |       | 133   | 1,785         | 123    | 1,510            | 62     |
| Branch .....          |       | 2     | (D)           | 2      | (D)              | -      |
| Calhoun .....         |       | 7     | 3             | 5      | 2                | 5      |
| Cass .....            |       | 15    | (D)           | 10     | 47               | 8      |
| Charlevoix .....      |       | 11    | 5             | 4      | 2                | 9      |
| Clinton .....         |       | 8     | 2             | 2      | (D)              | 6      |
| Delta .....           |       | 1     | (D)           | -      | -                | 1      |
| Dickinson .....       |       | 1     | (D)           | 1      | (D)              | -      |
| Eaton .....           |       | 10    | 13            | 5      | 6                | 7      |
| Emmet .....           |       | 2     | (D)           | 1      | (D)              | 1      |
| Genesee .....         |       | 6     | 4             | 2      | (D)              | 5      |
| Gladwin .....         |       | 1     | (D)           | 1      | (D)              | 1      |
| Grand Traverse .....  |       | 29    | 66            | 23     | 54               | 14     |
| Gratiot .....         |       | 1     | (D)           | 1      | (D)              | -      |
| Hillsdale .....       |       | 6     | 1             | 3      | (Z)              | 3      |
| Huron .....           |       | 4     | (D)           | 3      | (D)              | 2      |
| Ingham .....          |       | 11    | 4             | 4      | 2                | 7      |
| Ionia .....           |       | 6     | 18            | 5      | (D)              | 3      |
| Iosco .....           |       | 1     | (D)           | 1      | (D)              | -      |
| Isabella .....        |       | 3     | (D)           | 2      | (D)              | 1      |
| Jackson .....         |       | 2     | (D)           | 2      | (D)              | 1      |
| Kalamazoo .....       |       | 9     | 26            | 7      | 18               | 6      |
| Kalkaska .....        |       | 1     | (D)           | 1      | (D)              | 1      |
| Kent .....            |       | 19    | 140           | 18     | 104              | 6      |
| Lake .....            |       | 1     | (D)           | 1      | (D)              | 1      |
| Lapeer .....          |       | 8     | 35            | 6      | 32               | 4      |
| Leelanau .....        |       | 30    | 78            | 28     | 65               | 14     |
| Lenawee .....         |       | 16    | 68            | 16     | (D)              | 3      |
| Livingston .....      |       | 5     | 4             | 5      | (D)              | 1      |
| Macomb .....          |       | 11    | 65            | 9      | 55               | 5      |
| Manistee .....        |       | 18    | 105           | 13     | 94               | 8      |
| Mason .....           |       | 22    | 428           | 20     | 321              | 12     |
| Mecosta .....         |       | 2     | (D)           | 2      | (D)              | 1      |
| Menominee .....       |       | 1     | (D)           | 1      | (D)              | -      |
| Monroe .....          |       | 24    | 39            | 15     | 33               | 10     |
| Montcalm .....        |       | 9     | 34            | 8      | (D)              | 1      |
| Muskegon .....        |       | 12    | 142           | 9      | 109              | 5      |
| Newaygo .....         |       | 7     | 43            | 4      | 42               | 3      |
| Oakland .....         |       | 9     | 20            | 4      | 14               | 5      |
| Oceana .....          |       | 74    | 2,059         | 70     | 1,546            | 44     |
| Osceola .....         |       | 1     | (D)           | 1      | (D)              | -      |
| Ottawa .....          |       | 15    | 129           | 15     | 95               | 6      |
| Presque Isle .....    |       | 5     | (D)           | 2      | (D)              | 3      |
| Saginaw .....         |       | 4     | 1             | 3      | 1                | 3      |
| St. Clair .....       |       | 10    | 10            | 3      | 7                | 9      |
| St. Joseph .....      |       | 2     | (D)           | 2      | (D)              | -      |
| Sanilac .....         |       | 12    | 26            | 12     | 26               | -      |
| Shiawassee .....      |       | 4     | 3             | 1      | (D)              | 3      |
| Tuscola .....         |       | 3     | (D)           | 3      | (D)              | 2      |
| Van Buren .....       |       | 34    | 239           | 26     | 211              | 15     |
| Washtenaw .....       |       | 8     | 17            | 5      | 16               | 4      |
| Wayne .....           |       | 6     | 16            | 6      | 15               | 3      |
| Wexford .....         |       | 2     | (D)           | -      | -                | 2      |
| <b>PEARS, ALL</b>     |       |       |               |        |                  |        |
| <b>State Total</b>    |       |       |               |        |                  |        |
| Michigan .....        | 2002  | 443   | 1,128         | 301    | 919              | 215    |
|                       | 1997  | 340   | 967           | (NA)   | (NA)             | (NA)   |
| <b>Counties, 2002</b> |       |       |               |        |                  |        |
| Alcona .....          |       | 3     | (D)           | 1      | (D)              | 2      |
| Allelan .....         |       | 26    | 109           | 19     | 84               | 11     |
| Alpena .....          |       | 5     | (D)           | 2      | (D)              | 3      |
| Antrim .....          |       | 11    | 28            | 3      | (D)              | 8      |
| Arenac .....          |       | 1     | (D)           | -      | -                | 1      |
| Baraga .....          |       | 1     | (D)           | -      | -                | 1      |
| Barry .....           |       | 8     | 2             | 6      | (D)              | 2      |
| Bay .....             |       | 12    | 6             | 3      | 1                | 9      |
| Benzie .....          |       | 3     | 12            | 3      | (D)              | 1      |
| Berrien .....         |       | 36    | 88            | 33     | 67               | 12     |
| Branch .....          |       | 2     | (D)           | 2      | (D)              | -      |
| Calhoun .....         |       | 5     | 2             | 5      | 2                | 3      |
| Cass .....            |       | 4     | 3             | 4      | 3                | -      |
| Charlevoix .....      |       | 13    | 3             | 6      | 1                | 9      |
| Clare .....           |       | 1     | (D)           | -      | -                | 1      |
| Clinton .....         |       | 9     | 2             | 3      | (Z)              | 6      |
| Delta .....           |       | 3     | (D)           | 1      | (D)              | 2      |
| Dickinson .....       |       | 1     | (D)           | 1      | (D)              | -      |
| Eaton .....           |       | 7     | 4             | 2      | (D)              | 5      |

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**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area              | Total |       | Bearing acres |        | Nonbearing acres |        |
|------------------------------|-------|-------|---------------|--------|------------------|--------|
|                              | Farms | Acres | Farms         | Number | Farms            | Number |
| <b>PEARS, ALL - Con.</b>     |       |       |               |        |                  |        |
| <b>Counties, 2002 - Con.</b> |       |       |               |        |                  |        |
| Emmet                        | 4     | 2     | -             | -      | 4                | 2      |
| Genesee                      | 13    | 14    | 8             | 11     | 7                | 4      |
| Gladwin                      | 4     | (D)   | 1             | (D)    | 3                | (Z)    |
| Grand Traverse               | 10    | 44    | 6             | 41     | 6                | 3      |
| Gratiot                      | 3     | (D)   | 2             | (D)    | 1                | (D)    |
| Hillsdale                    | 2     | (D)   | 2             | (D)    | -                | -      |
| Houghton                     | 2     | (D)   | -             | -      | 2                | (D)    |
| Ingham                       | 12    | 3     | 4             | 2      | 8                | 2      |
| Ionia                        | 3     | (D)   | 2             | (D)    | 2                | (D)    |
| Iosco                        | 7     | 5     | 4             | 2      | 3                | 3      |
| Isabella                     | 1     | (D)   | 1             | (D)    | -                | -      |
| Jackson                      | 7     | 3     | 2             | (D)    | 6                | (D)    |
| Kalamazoo                    | 9     | 11    | 7             | 7      | 5                | 4      |
| Kent                         | 4     | 8     | 3             | (D)    | 2                | (D)    |
| Lake                         | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Lapeer                       | 8     | 24    | 4             | (D)    | 7                | (D)    |
| Leelanau                     | 15    | 48    | 11            | 28     | 11               | 20     |
| Lenawee                      | 12    | 9     | 12            | (D)    | 1                | (D)    |
| Livingston                   | 2     | (D)   | 2             | (D)    | 1                | (D)    |
| Macomb                       | 9     | 18    | 7             | 17     | 3                | 1      |
| Manistee                     | 6     | (D)   | 6             | 15     | 2                | (D)    |
| Marquette                    | 1     | (D)   | 1             | (D)    | -                | -      |
| Mason                        | 16    | 97    | 16            | 88     | 5                | 9      |
| Menominee                    | 2     | (D)   | 1             | (D)    | 1                | (D)    |
| Midland                      | 2     | (D)   | 2             | (D)    | -                | -      |
| Missaukee                    | 1     | (D)   | 1             | (D)    | -                | -      |
| Monroe                       | 13    | 7     | 7             | 4      | 8                | 3      |
| Montcalm                     | 7     | 7     | 7             | (D)    | 1                | (D)    |
| Muskegon                     | 3     | (D)   | 3             | (D)    | -                | -      |
| Newaygo                      | 5     | 27    | 4             | (D)    | 1                | (D)    |
| Oakland                      | 5     | 2     | 1             | (D)    | 4                | (D)    |
| Oceana                       | 14    | 252   | 14            | 230    | 7                | 22     |
| Oscoda                       | 1     | (D)   | 1             | (D)    | -                | -      |
| Ottawa                       | 6     | 12    | 6             | (D)    | 1                | (D)    |
| Presque Isle                 | 4     | (D)   | 2             | (D)    | 2                | (D)    |
| Roscommon                    | 2     | (D)   | 2             | (D)    | -                | -      |
| Saginaw                      | 8     | 11    | 4             | (D)    | 6                | (D)    |
| St. Clair                    | 6     | 2     | 1             | (D)    | 6                | (D)    |
| St. Joseph                   | 3     | (D)   | 3             | (D)    | -                | -      |
| Sanilac                      | 13    | 6     | 9             | 3      | 5                | 2      |
| Shiawassee                   | 1     | (D)   | -             | -      | 1                | (D)    |
| Tuscola                      | 4     | 7     | 4             | (D)    | 2                | (D)    |
| Van Buren                    | 24    | 181   | 23            | 153    | 5                | 28     |
| Washtenaw                    | 11    | 14    | 6             | 9      | 7                | 5      |
| Wayne                        | 4     | 2     | 4             | 2      | -                | -      |
| Wexford                      | 2     | (D)   | -             | -      | 2                | (D)    |
| <b>PLUMS AND PRUNES</b>      |       |       |               |        |                  |        |
| <b>State Total</b>           |       |       |               |        |                  |        |
| Michigan                     | 2002  | 230   | 1,012         | 159    | 771              | 121    |
|                              | 1997  | 311   | 1,348         | (NA)   | (NA)             | (NA)   |
| <b>Counties, 2002</b>        |       |       |               |        |                  |        |
| Allagan                      | 9     | 47    | 5             | (D)    | 5                | (D)    |
| Alpena                       | 3     | (Z)   | -             | -      | 3                | (Z)    |
| Antrim                       | 3     | (D)   | 1             | (D)    | 2                | (D)    |
| Barry                        | 4     | (D)   | 4             | (D)    | -                | -      |
| Bay                          | 3     | (D)   | -             | -      | 3                | (D)    |
| Benzie                       | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Berrien                      | 35    | 112   | 31            | 98     | 15               | 15     |
| Calhoun                      | 4     | 2     | 4             | 2      | 3                | (Z)    |
| Cass                         | 7     | 12    | 4             | (D)    | 3                | (D)    |
| Charlevoix                   | 4     | (D)   | 3             | (D)    | 4                | 1      |
| Clinton                      | 2     | (D)   | -             | -      | 2                | (D)    |
| Delta                        | 2     | (D)   | -             | -      | 2                | (D)    |
| Genesee                      | 4     | 4     | 2             | (D)    | 3                | (D)    |
| Grand Traverse               | 13    | 100   | 10            | 59     | 6                | 41     |
| Hillsdale                    | 4     | 1     | 1             | (D)    | 3                | (D)    |
| Ingham                       | 1     | (D)   | 1             | (D)    | -                | -      |
| Ionia                        | 1     | (D)   | -             | -      | 1                | (D)    |
| Iosco                        | 2     | (D)   | 2             | (D)    | -                | -      |
| Isabella                     | 1     | (D)   | 1             | (D)    | -                | -      |
| Kalamazoo                    | 4     | 5     | 4             | (D)    | 2                | (D)    |
| Kent                         | 5     | 30    | 3             | (D)    | 3                | (D)    |
| Lapeer                       | 2     | (D)   | 1             | (D)    | 1                | (D)    |
| Leelanau                     | 22    | 221   | 17            | 173    | 12               | 48     |
| Lenawee                      | 5     | 4     | 4             | (D)    | 1                | (D)    |
| Macomb                       | 5     | 9     | 5             | 9      | -                | -      |
| Marquette                    | 1     | (D)   | 1             | (D)    | -                | -      |
| Mason                        | 4     | 89    | 4             | (D)    | 2                | (D)    |
| Menominee                    | 1     | (D)   | -             | -      | 1                | (D)    |
| Monroe                       | 5     | 3     | 1             | (D)    | 4                | (D)    |
| Montcalm                     | 1     | (D)   | 1             | (D)    | -                | -      |
| Muskegon                     | 2     | (D)   | 1             | (D)    | 2                | (D)    |
| Newaygo                      | 1     | (D)   | 1             | (D)    | -                | -      |
| Oakland                      | 4     | 2     | 1             | (D)    | 3                | (D)    |
| Oceana                       | 13    | 128   | 11            | 95     | 8                | 33     |
| Oscoda                       | 3     | (D)   | 1             | (D)    | 2                | (D)    |
| Ottawa                       | 8     | 20    | 6             | 8      | 4                | 13     |
| Presque Isle                 | 1     | (D)   | -             | -      | 1                | (D)    |

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**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                | Total        |            | Bearing acres |            | Nonbearing acres |             |
|--------------------------------|--------------|------------|---------------|------------|------------------|-------------|
|                                | Farms        | Acres      | Farms         | Number     | Farms            | Number      |
| <b>PLUMS AND PRUNES - Con.</b> |              |            |               |            |                  |             |
| <b>Counties, 2002 - Con.</b>   |              |            |               |            |                  |             |
| Saginaw .....                  | 2            | (D)        | -             |            | 2                | (D)         |
| St. Clair .....                | 3            | (D)        | 1             |            | 2                |             |
| Sanilac .....                  | 4            | (Z)        | 4             |            | -                |             |
| Schoolcraft .....              | 2            | (D)        | 2             | (D)        | -                |             |
| Shiawassee .....               | 1            | (D)        | -             |            | 1                | (D)         |
| Tuscola .....                  | 1            | (D)        | 1             | (D)        | -                |             |
| Van Buren .....                | 20           | 138        | 15            | 130        | 8                | 9           |
| Washtenaw .....                | 5            | 4          | 3             | (D)        | 5                | (D)         |
| Wayne .....                    | 1            | (D)        | 1             | (D)        | -                |             |
| Wexford .....                  | 1            | (D)        | -             |            | 1                | (D)         |
| <b>HAZELNUTS (FILBERTS)</b>    |              |            |               |            |                  |             |
| <b>State Total</b>             |              |            |               |            |                  |             |
| Michigan .....                 | 2002<br>1997 | 13<br>3    | (D)<br>3      | 5<br>(NA)  | (D)<br>(NA)      | 10<br>(NA)  |
| <b>Counties, 2002</b>          |              |            |               |            |                  |             |
| Alcona .....                   | 3            | 45         | -             |            | 3                | 45          |
| Charlevoix .....               | 1            | (D)        | -             |            | 1                | (D)         |
| Ingham .....                   | 2            | (D)        | 1             | (D)        | 2                | (D)         |
| Lelandau .....                 | 2            | (D)        | 1             | (D)        | 1                | (D)         |
| Mason .....                    | 1            | (D)        | 1             | (D)        | 1                | (D)         |
| Osceola .....                  | 1            | (D)        | 1             | (D)        | -                |             |
| Shiawassee .....               | 1            | (D)        | 1             | (D)        | -                |             |
| Van Buren .....                | 2            | (D)        | -             |            | 2                | (D)         |
| <b>PECANS</b>                  |              |            |               |            |                  |             |
| <b>State Total</b>             |              |            |               |            |                  |             |
| Michigan .....                 | 2002<br>1997 | 1<br>(NA)  | (D)<br>(NA)   | -<br>(NA)  | -<br>(NA)        | 1<br>(NA)   |
| <b>Counties, 2002</b>          |              |            |               |            |                  |             |
| Shiawassee .....               | 1            | (D)        | -             |            | 1                | (D)         |
| <b>WALNUTS, ENGLISH</b>        |              |            |               |            |                  |             |
| <b>State Total</b>             |              |            |               |            |                  |             |
| Michigan .....                 | 2002<br>1997 | 19<br>16   | 114<br>142    | 8<br>(NA)  | 47<br>(NA)       | 16<br>(NA)  |
| <b>Counties, 2002</b>          |              |            |               |            |                  |             |
| Branch .....                   | 2            | (D)        | -             |            | 2                | (D)         |
| Clinton .....                  | 1            | (D)        | -             |            | 1                | (D)         |
| Eaton .....                    | 1            | (D)        | -             |            | 1                | (D)         |
| Genesee .....                  | 3            | 30         | -             |            | 3                | 30          |
| Gratiot .....                  | 2            | (D)        | 2             | (D)        | -                |             |
| Hillsdale .....                | 1            | (D)        | -             |            | 1                | (D)         |
| Jackson .....                  | 1            | (D)        | -             |            | 1                | (D)         |
| Livingston .....               | 1            | (D)        | 1             | (D)        | 1                | (D)         |
| Newaygo .....                  | 2            | (D)        | -             |            | 2                | (D)         |
| Osceola .....                  | 1            | (D)        | 1             | (D)        | 1                | (D)         |
| Oscoda .....                   | 1            | (D)        | 1             | (D)        | -                |             |
| Ottawa .....                   | 1            | (D)        | 1             | (D)        | 1                | (D)         |
| Tuscola .....                  | 2            | (D)        | 2             | (D)        | 2                | (D)         |
| <b>OTHER FRUITS AND NUTS</b>   |              |            |               |            |                  |             |
| <b>State Total</b>             |              |            |               |            |                  |             |
| Michigan .....                 | 2002<br>1997 | 165<br>134 | 919<br>525    | 81<br>(NA) | 432<br>(NA)      | 129<br>(NA) |
| <b>Counties, 2002</b>          |              |            |               |            |                  |             |
| Alcona .....                   | 2            | (D)        | 2             | (D)        | 2                | (D)         |
| Alger .....                    | 1            | (D)        | -             |            | 1                | (D)         |
| Allegan .....                  | 7            | 13         | 5             | 6          | 4                | 7           |
| Alpena .....                   | 1            | (D)        | -             |            | 1                | (D)         |
| Antrim .....                   | 16           | 116        | 6             | 79         | 15               | 37          |
| Baraga .....                   | 1            | (D)        | 1             | (D)        | 1                | (D)         |
| Barry .....                    | 3            | 8          | 3             | 8          | -                |             |
| Bay .....                      | 1            | (D)        | 1             | (D)        | -                |             |
| Berrien .....                  | 8            | 25         | 7             | 17         | 3                | 8           |
| Calhoun .....                  | 3            | 12         | 1             | (D)        | 2                | (D)         |
| Cass .....                     | 3            | (D)        | 1             | (D)        | 2                | (D)         |
| Charlevoix .....               | 3            | (D)        | 2             | (D)        | 3                | (D)         |
| Cheboygan .....                | 1            | (D)        | -             |            | 1                | (D)         |
| Clinton .....                  | 3            | (D)        | 1             | (D)        | 2                | (D)         |
| Eaton .....                    | 4            | 23         | 4             | 23         | -                |             |
| Genesee .....                  | 1            | (D)        | -             |            | 1                | (D)         |
| Grand Traverse .....           | 7            | 26         | 4             | 10         | 5                | 16          |
| Gratiot .....                  | 1            | (D)        | 1             | (D)        | 1                | (D)         |
| Hillsdale .....                | 2            | (D)        | 1             | (D)        | 1                | (D)         |
| Ingham .....                   | 12           | 37         | 6             | 4          | 7                | 33          |
| Ionia .....                    | 2            | (D)        | 2             | (D)        | 2                | (D)         |
| Iosco .....                    | 2            | (D)        | 2             | (D)        | 2                | (D)         |

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**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                     | Total |       | Bearing acres |        | Nonbearing acres |        |
|-------------------------------------|-------|-------|---------------|--------|------------------|--------|
|                                     | Farms | Acres | Farms         | Number | Farms            | Number |
| <b>OTHER FRUITS AND NUTS - Con.</b> |       |       |               |        |                  |        |
| <b>Counties, 2002 - Con.</b>        |       |       |               |        |                  |        |
| Isabella .....                      | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Jackson .....                       | 8     | 14    | 1             | (D)    | 8                | (D)    |
| Kalamazoo .....                     | 2     | (D)   | -             | -      | 2                | (D)    |
| Kent .....                          | 4     | 17    | -             | -      | 4                | 17     |
| Lapeer .....                        | 2     | (D)   | 2             | (D)    | 2                | (D)    |
| Leelanau .....                      | 3     | (D)   | 2             | (D)    | 1                | (D)    |
| Lenawee .....                       | 1     | (D)   | 1             | (D)    | -                | -      |
| Livingston .....                    | 5     | 44    | 1             | (D)    | 5                | (D)    |
| Manistee .....                      | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Mason .....                         | 4     | 28    | 3             | (D)    | 4                | (D)    |
| Mecosta .....                       | 5     | 96    | 2             | (D)    | 5                | (D)    |
| Midland .....                       | 4     | 12    | -             | -      | 4                | 12     |
| Monroe .....                        | 2     | (D)   | -             | -      | 2                | (D)    |
| Newaygo .....                       | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Oceana .....                        | 6     | 59    | 4             | 35     | 6                | 24     |
| Osceola .....                       | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Ottawa .....                        | 6     | 39    | 2             | (D)    | 5                | (D)    |
| Saginaw .....                       | 3     | (D)   | -             | -      | 3                | (D)    |
| St. Clair .....                     | 1     | (D)   | -             | -      | 1                | (D)    |
| St. Joseph .....                    | 2     | (D)   | 2             | (D)    | 2                | (D)    |
| Shiawassee .....                    | 4     | (D)   | 4             | 6      | 1                | (D)    |
| Tuscola .....                       | 1     | (D)   | 1             | (D)    | 1                | (D)    |
| Van Buren .....                     | 6     | (D)   | 2             | (D)    | 5                | (D)    |
| Washtenaw .....                     | 8     | 26    | -             | -      | 8                | 26     |

**Table 32. Berries - Harvested for Sale and Irrigated: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area     | 2002      |        |           |        | 1997      |        |           |        |
|---------------------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
|                     | Harvested |        | Irrigated |        | Harvested |        | Irrigated |        |
|                     | Farms     | Acres  | Farms     | Acres  | Farms     | Acres  | Farms     | Acres  |
| <b>BERRIES, ALL</b> |           |        |           |        |           |        |           |        |
| <b>State Total</b>  |           |        |           |        |           |        |           |        |
| Michigan            | 1,051     | 19,289 | 513       | 11,902 | 1,259     | 20,983 | 644       | 12,044 |
| <b>Counties</b>     |           |        |           |        |           |        |           |        |
| Alcona              | 2         | (D)    | 2         | (D)    | (NA)      | (NA)   | (NA)      | (NA)   |
| Alger               | 3         | (D)    | 2         | (D)    | (D)       | 4      | 13        |        |
| Allegan             | 86        | 2,077  | 38        | 1,104  | 104       | 2,375  | 42        | (D)    |
| Alpena              | 4         | 18     | 3         | 5      | 10        | 58     | 6         | (D)    |
| Antrim              | 15        | 52     | 8         | 28     | 12        | (D)    | 7         | (D)    |
| Arenac              | 2         | (D)    | -         | -      | (NA)      | (NA)   | (NA)      | (NA)   |
| Baraga              | 1         | (D)    | -         | -      | (NA)      | (NA)   | (NA)      | (NA)   |
| Barry               | 9         | 13     | 6         | 11     | 7         | 14     | 2         | (D)    |
| Bay                 | 10        | 39     | 3         | (D)    | 10        | (D)    | 5         | 19     |
| Benzie              | 5         | 6      | 3         | 4      | 7         | 9      | 4         | 7      |
| Berrien             | 117       | 1,177  | 52        | 382    | 143       | (D)    | 59        | 706    |
| Branch              | 7         | 13     | 4         | 10     | 7         | 18     | 5         | (D)    |
| Calhoun             | 6         | 15     | 4         | 10     | 10        | 13     | 7         | 8      |
| Cass                | 13        | 118    | 7         | 56     | 9         | 90     | 8         | 82     |
| Charlevoix          | 7         | 19     | 5         | 15     | (NA)      | (NA)   | (NA)      | (NA)   |
| Cheboygan           | 1         | (D)    | 1         | (D)    | (NA)      | (NA)   | (NA)      | (NA)   |
| Chippewa            | 4         | 16     | 1         | (D)    | 6         | 23     | 3         | (D)    |
| Clare               | 9         | 14     | 3         | 9      | (NA)      | (NA)   | (NA)      | (NA)   |
| Clinton             | 10        | 72     | 3         | (D)    | 8         | 83     | 2         | (D)    |
| Delta               | 6         | 19     | 4         | 16     | 9         | 22     | 5         | (D)    |
| Eaton               | 6         | 13     | 2         | (D)    | 10        | 13     | 4         | 5      |
| Emmet               | 4         | 7      | 2         | (D)    | 12        | 21     | 5         | (D)    |
| Genesee             | 8         | 76     | 3         | 46     | 9         | (D)    | 7         | (D)    |
| Gladwin             | 7         | 3      | -         | -      | 7         | (D)    | 1         | (D)    |
| Grand Traverse      | 8         | 28     | 3         | 5      | 17        | 30     | 7         | 15     |
| Gratiot             | 6         | 11     | 1         | (D)    | 14        | (D)    | 11        | (D)    |
| Hillsdale           | 10        | 19     | 4         | 15     | 4         | 18     | 3         | (D)    |
| Houghton            | 19        | 67     | 7         | 8      | 20        | (D)    | 13        | (D)    |
| Huron               | 5         | 5      | 3         | (D)    | (NA)      | (NA)   | (NA)      | (D)    |
| Ingham              | 12        | 89     | 7         | 80     | 10        | 68     | 6         | (NA)   |
| Ionia               | 7         | 26     | 2         | (D)    | 10        | (D)    | 2         | (D)    |
| Iosco               | 2         | (D)    | 1         | (D)    | 4         | 11     | 1         | (D)    |
| Iron                | 1         | (D)    | 1         | (D)    | (NA)      | (NA)   | (NA)      | (NA)   |
| Isabella            | 2         | (D)    | 2         | (D)    | 13        | (D)    | 5         | 20     |
| Jackson             | 10        | 27     | 7         | 24     | 8         | (D)    | 6         | (D)    |
| Kalamazoo           | 9         | 12     | 4         | 6      | 5         | 22     | 2         | (D)    |
| Kent                | 19        | 100    | 8         | 52     | 25        | 136    | 17        | (D)    |
| Lapeer              | 8         | 39     | 3         | (D)    | 11        | 46     | 4         | (D)    |
| Leelanau            | 13        | 47     | 11        | 37     | 12        | (D)    | 10        | (D)    |
| Lenawee             | 12        | 21     | 7         | 15     | 18        | (D)    | 10        | (D)    |
| Livingston          | 6         | 33     | 3         | (D)    | 14        | (D)    | 7         | 48     |
| Mackinac            | 1         | (D)    | -         | -      | (NA)      | (NA)   | (NA)      | (NA)   |
| Macomb              | 7         | 67     | 4         | 32     | 11        | (D)    | 5         | (D)    |
| Manistee            | 11        | 95     | 6         | 39     | 15        | (D)    | 11        | 90     |
| Marquette           | 3         | 2      | -         | -      | 3         | (D)    | 1         | (D)    |
| Mason               | 5         | 90     | 5         | 90     | 17        | (D)    | 9         | (D)    |
| Mecosta             | 20        | 15     | 9         | 4      | 9         | 15     | 5         | 15     |
| Menominee           | 2         | (D)    | 2         | (D)    | (NA)      | (NA)   | (NA)      | (NA)   |
| Midland             | 6         | 14     | 2         | (D)    | 3         | (D)    | 2         | (D)    |
| Missaukee           | 2         | (D)    | 1         | (D)    | (NA)      | (NA)   | (NA)      | (NA)   |
| Monroe              | 8         | 20     | 1         | (D)    | 14        | (D)    | 4         | (D)    |
| Montcalm            | 17        | 30     | 5         | 13     | 19        | (D)    | 11        | (D)    |
| Montmorency         | 1         | (D)    | 1         | (D)    | (NA)      | (NA)   | (NA)      | (NA)   |
| Muskegon            | 25        | 950    | 16        | 708    | 35        | (D)    | 14        | (D)    |
| Newaygo             | 11        | 94     | 6         | (D)    | 10        | 56     | 4         | (D)    |
| Oakland             | 6         | 38     | 2         | (D)    | 5         | 46     | 4         | (D)    |
| Oceana              | 10        | 56     | 5         | 33     | 14        | 76     | 6         | 47     |
| Ogemaw              | 2         | (D)    | 2         | (D)    | (NA)      | (NA)   | (NA)      | (NA)   |
| Osceola             | 3         | (D)    | 1         | (D)    | (NA)      | (NA)   | (NA)      | (NA)   |
| Oscoda              | 1         | (D)    | -         | -      | (NA)      | (NA)   | (NA)      | (NA)   |
| Otsego              | 1         | (D)    | 1         | (D)    | 3         | (D)    | 3         | (D)    |
| Ottawa              | 106       | 5,138  | 77        | 3,843  | 157       | 6,096  | 114       | 4,230  |
| Presque Isle        | 2         | (D)    | 2         | (D)    | (NA)      | (NA)   | (NA)      | (NA)   |
| Saginaw             | 25        | 132    | 10        | 53     | 29        | (D)    | 13        | 86     |
| St. Clair           | 11        | 56     | 5         | 35     | 10        | 51     | 3         | 34     |
| St. Joseph          | 8         | 23     | 3         | (D)    | 11        | 36     | 7         | 27     |
| Sanilac             | 14        | 66     | 4         | 19     | 9         | 87     | 5         | (D)    |
| Schoolcraft         | 4         | 6      | 2         | (D)    | 4         | 17     | 3         | (D)    |
| Shiawassee          | 5         | 12     | 3         | (D)    | 4         | (D)    | 2         | (D)    |
| Tuscola             | 9         | 30     | 5         | 23     | 16        | (D)    | 6         | 24     |
| Van Buren           | 201       | 7,840  | 89        | 4,668  | 237       | 7,682  | 94        | 4,039  |
| Washtenaw           | 22        | 88     | 9         | 28     | 14        | 72     | 12        | 66     |
| Wayne               | 5         | (D)    | 2         | (D)    | 9         | 14     | 2         | (D)    |
| Wexford             | 6         | 6      | 3         | 5      | (NA)      | (NA)   | (NA)      | (NA)   |

**Table 33. Berries Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area          | 2002  |        | 1997  |        |
|--------------------------|-------|--------|-------|--------|
|                          | Farms | Acres  | Farms | Acres  |
| <b>BLACKBERRIES</b>      |       |        |       |        |
| <b>State Total</b>       |       |        |       |        |
| Michigan .....           | 73    | 54     | 47    | 41     |
| <b>Counties</b>          |       |        |       |        |
| Allegan .....            | 2     | (D)    | (NA)  | (NA)   |
| Antrim .....             | 1     | (D)    | (NA)  | (NA)   |
| Bay .....                | 2     | (D)    | (NA)  | (NA)   |
| Berrien .....            | 18    | 13     | 15    | 5      |
| Branch .....             | 1     | (D)    | (NA)  | (NA)   |
| Cass .....               | 3     | 3      | 3     | (D)    |
| Delta .....              | 1     | (D)    | (NA)  | (NA)   |
| Genesee .....            | 2     | (D)    | (NA)  | (NA)   |
| Gladwin .....            | 1     | (D)    | (NA)  | (NA)   |
| Gratiot .....            | 2     | (D)    | (NA)  | (NA)   |
| Hillsdale .....          | 1     | (D)    | (NA)  | (NA)   |
| Huron .....              | 1     | (D)    | (NA)  | (NA)   |
| Ingham .....             | 3     | 2      | (NA)  | (NA)   |
| Kalamazoo .....          | 2     | (D)    | (NA)  | (NA)   |
| Leelanau .....           | 5     | (D)    | (NA)  | (NA)   |
| Lenawee .....            | 1     | (D)    | (NA)  | (NA)   |
| Livingston .....         | 1     | (D)    | (NA)  | (NA)   |
| Macomb .....             | 2     | (D)    | (NA)  | (NA)   |
| Manistee .....           | 1     | (D)    | (NA)  | (NA)   |
| Midland .....            | 1     | (D)    | (NA)  | (NA)   |
| Monroe .....             | 3     | (D)    | (NA)  | (NA)   |
| Montcalm .....           | 1     | (D)    | (NA)  | (NA)   |
| Oakland .....            | 2     | (D)    | (NA)  | (NA)   |
| Oceana .....             | 1     | (D)    | (NA)  | (NA)   |
| Ottawa .....             | 2     | (D)    | (NA)  | (NA)   |
| Saginaw .....            | 4     | 2      | (NA)  | (NA)   |
| St. Clair .....          | 2     | (D)    | (NA)  | (NA)   |
| Sanilac .....            | 2     | (D)    | (NA)  | (NA)   |
| Tuscola .....            | 1     | (D)    | (NA)  | (NA)   |
| Van Buren .....          | 2     | (D)    | 4     | (D)    |
| Washtenaw .....          | 2     | (D)    | (NA)  | (NA)   |
| <b>BLUEBERRIES, TAME</b> |       |        |       |        |
| <b>State Total</b>       |       |        |       |        |
| Michigan .....           | 590   | 17,274 | 694   | 18,672 |
| <b>Counties</b>          |       |        |       |        |
| Allegan .....            | 83    | 2,047  | 88    | 2,282  |
| Arenac .....             | 1     | (D)    | (NA)  | (NA)   |
| Baraga .....             | 1     | (D)    | (NA)  | (NA)   |
| Barry .....              | 2     | (D)    | (NA)  | (NA)   |
| Bay .....                | 2     | (D)    | (NA)  | (NA)   |
| Benzie .....             | 4     | (D)    | (NA)  | (NA)   |
| Berrien .....            | 65    | 820    | 75    | 1,483  |
| Branch .....             | 2     | (D)    | (NA)  | (NA)   |
| Calhoun .....            | 1     | (D)    | (NA)  | (NA)   |
| Cass .....               | 5     | 32     | 5     | (D)    |
| Charlevoix .....         | 2     | (D)    | (NA)  | (NA)   |
| Chippewa .....           | 1     | (D)    | (NA)  | (NA)   |
| Clare .....              | 3     | 9      | (NA)  | (NA)   |
| Clinton .....            | 4     | (D)    | (NA)  | (NA)   |
| Delta .....              | 1     | (D)    | (NA)  | (NA)   |
| Eaton .....              | 3     | (D)    | (NA)  | (NA)   |
| Genesee .....            | 4     | 56     | 4     | (D)    |
| Grand Traverse .....     | 2     | (D)    | 3     | (D)    |
| Gratiot .....            | 1     | (D)    | (NA)  | (NA)   |
| Hillsdale .....          | 4     | 3      | (NA)  | (NA)   |
| Houghton .....           | 3     | (D)    | (NA)  | (NA)   |
| Ingham .....             | 8     | 12     | 5     | 6      |
| Ionia .....              | 1     | (D)    | 4     | 10     |
| Isabella .....           | 1     | (D)    | (NA)  | (NA)   |
| Jackson .....            | 4     | 7      | 5     | 14     |
| Kent .....               | 9     | (D)    | 10    | 47     |
| Lapeer .....             | 2     | (D)    | (NA)  | (NA)   |
| Leelanau .....           | 1     | (D)    | (NA)  | (NA)   |
| Lenawee .....            | 4     | (D)    | 4     | 3      |
| Livingston .....         | 2     | (D)    | 4     | 22     |
| Macomb .....             | 1     | (D)    | (NA)  | (NA)   |
| Manistee .....           | 3     | (D)    | (NA)  | (NA)   |
| Mason .....              | 3     | 82     | 4     | 48     |
| Mecosta .....            | 2     | (D)    | 4     | (D)    |
| Midland .....            | 2     | (D)    | (NA)  | (NA)   |
| Missaukee .....          | 1     | (D)    | (NA)  | (NA)   |
| Monroe .....             | 2     | (D)    | (NA)  | (NA)   |
| Montcalm .....           | 5     | 8      | 10    | 21     |
| Muskegon .....           | 21    | 936    | 30    | 650    |
| Newaygo .....            | 5     | (D)    | 5     | (D)    |
| Oakland .....            | 1     | (D)    | (NA)  | (NA)   |
| Oceana .....             | 4     | 18     | 4     | 34     |
| Osceola .....            | 1     | (D)    | (NA)  | (NA)   |
| Ottawa .....             | 100   | 5,090  | 146   | 6,057  |
| Saginaw .....            | 15    | 102    | 18    | 122    |
| St. Clair .....          | 2     | (D)    | (NA)  | (NA)   |
| St. Joseph .....         | 2     | (D)    | 5     | 11     |
| Sanilac .....            | 1     | (D)    | (NA)  | (NA)   |
| Schoolcraft .....        | 1     | (D)    | (NA)  | (NA)   |

-continued

**Table 33. Berries Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                 | 2002  |       | 1997  |       |
|---------------------------------|-------|-------|-------|-------|
|                                 | Farms | Acres | Farms | Acres |
| <b>BLUEBERRIES, TAME - Con.</b> |       |       |       |       |
| <b>Counties - Con.</b>          |       |       |       |       |
| Tuscola .....                   | 2     | (D)   | 6     | 23    |
| Van Buren .....                 | 186   | 7,664 | 217   | 7,523 |
| Washtenaw .....                 | 2     | (D)   | (NA)  | (NA)  |
| Wayne .....                     | 1     | (D)   | (NA)  | (NA)  |
| Wexford .....                   | 1     | (D)   | (NA)  | (NA)  |
| <b>BLUEBERRIES, WILD</b>        |       |       |       |       |
| <b>State Total</b>              |       |       |       |       |
| Michigan .....                  | 10    | 43    | (NA)  | (NA)  |
| <b>Counties</b>                 |       |       |       |       |
| Allegan .....                   | 1     | (D)   | (NA)  | (NA)  |
| Antrim .....                    | 1     | (D)   | (NA)  | (NA)  |
| Berrien .....                   | 1     | (D)   | (NA)  | (NA)  |
| Eaton .....                     | 1     | (D)   | (NA)  | (NA)  |
| Hillsdale .....                 | 1     | (D)   | (NA)  | (NA)  |
| Houghton .....                  | 1     | (D)   | (NA)  | (NA)  |
| Kent .....                      | 1     | (D)   | (NA)  | (NA)  |
| St. Joseph .....                | 1     | (D)   | (NA)  | (NA)  |
| Van Buren .....                 | 2     | (D)   | (NA)  | (NA)  |
| <b>CRANBERRIES</b>              |       |       |       |       |
| <b>State Total</b>              |       |       |       |       |
| Michigan .....                  | 8     | (D)   | 8     | 37    |
| <b>Counties</b>                 |       |       |       |       |
| Antrim .....                    | 1     | (D)   | (NA)  | (NA)  |
| Berrien .....                   | 1     | (D)   | (NA)  | (NA)  |
| Chippewa .....                  | 1     | (D)   | (NA)  | (NA)  |
| Ottawa .....                    | 1     | (D)   | (NA)  | (NA)  |
| Sanilac .....                   | 1     | (D)   | (NA)  | (NA)  |
| Van Buren .....                 | 3     | (D)   | 3     | (D)   |
| <b>CURRENTS</b>                 |       |       |       |       |
| <b>State Total</b>              |       |       |       |       |
| Michigan .....                  | 6     | (D)   | 1     | (D)   |
| <b>Counties</b>                 |       |       |       |       |
| Berrien .....                   | 1     | (D)   | 1     | (D)   |
| Genesee .....                   | 1     | (D)   | (NA)  | (NA)  |
| Gratiot .....                   | 1     | (D)   | (NA)  | (NA)  |
| Hillsdale .....                 | 1     | (D)   | (NA)  | (NA)  |
| Mason .....                     | 1     | (D)   | (NA)  | (NA)  |
| Washtenaw .....                 | 1     | (D)   | (NA)  | (NA)  |
| <b>RASPBERRIES, ALL</b>         |       |       |       |       |
| <b>State Total</b>              |       |       |       |       |
| Michigan .....                  | 257   | 590   | 350   | 658   |
| <b>Counties</b>                 |       |       |       |       |
| Alcona .....                    | 2     | (D)   | (NA)  | (NA)  |
| Allegan .....                   | 3     | (D)   | 8     | 14    |
| Alpena .....                    | 1     | (D)   | 6     | 21    |
| Antrim .....                    | 8     | 22    | 5     | 10    |
| Baraga .....                    | 1     | (D)   | (NA)  | (NA)  |
| Barry .....                     | 2     | (D)   | (NA)  | (NA)  |
| Bay .....                       | 5     | (D)   | (NA)  | (NA)  |
| Benzie .....                    | 2     | (D)   | 5     | 4     |
| Berrien .....                   | 48    | 219   | 45    | 177   |
| Branch .....                    | 2     | (D)   | 3     | 2     |
| Calhoun .....                   | 2     | (D)   | 4     | 1     |
| Cass .....                      | 6     | 7     | 7     | 9     |
| Charlevoix .....                | 4     | (D)   | (NA)  | (NA)  |
| Clinton .....                   | 2     | (D)   | 3     | (D)   |
| Delta .....                     | 3     | (D)   | 4     | 8     |
| Eaton .....                     | 1     | (D)   | 5     | 5     |
| Emmet .....                     | 3     | (D)   | 10    | 15    |
| Genesee .....                   | 5     | 7     | 3     | 10    |
| Grand Traverse .....            | 5     | (D)   | 13    | 16    |
| Gratiot .....                   | 1     | (D)   | 6     | 3     |
| Hillsdale .....                 | 4     | 1     | (NA)  | (NA)  |
| Houghton .....                  | 5     | 2     | 7     | 2     |
| Huron .....                     | 1     | (D)   | (NA)  | (NA)  |
| Ingham .....                    | 5     | 36    | 6     | 18    |
| Ionia .....                     | 3     | (D)   | 6     | 21    |
| Jackson .....                   | 5     | 3     | 3     | 1     |
| Kalamazoo .....                 | 4     | (D)   | 3     | 1     |
| Kent .....                      | 8     | 12    | 7     | 24    |
| Lapeer .....                    | 3     | (D)   | 7     | (D)   |
| Leelanau .....                  | 6     | 8     | 8     | 6     |
| Lenawee .....                   | 5     | 2     | 8     | 5     |
| Livingston .....                | 5     | 4     | 10    | 72    |

--continued

**Table 33. Berries Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                | 2002  |       | 1997  |       |
|--------------------------------|-------|-------|-------|-------|
|                                | Farms | Acres | Farms | Acres |
| <b>RASPBERRIES, ALL - Con.</b> |       |       |       |       |
| <b>Counties - Con.</b>         |       |       |       |       |
| Mackinac                       | 1     | (D)   | (NA)  | (NA)  |
| Macomb                         | 6     | (D)   | 8     | 8     |
| Manistee                       | 5     | (D)   | 8     | 6     |
| Marquette                      | 3     | (D)   | (NA)  | (NA)  |
| Mason                          | 1     | (D)   | 9     | 7     |
| Mecosta                        | 6     | (D)   | 4     | 3     |
| Menominee                      | 2     | (D)   | (NA)  | (NA)  |
| Missaukee                      | 1     | (D)   | (NA)  | (NA)  |
| Monroe                         | 2     | (D)   | 6     | 10    |
| Montcalm                       | 1     | (D)   | 6     | 5     |
| Muskegon                       | 2     | (D)   | 4     | 2     |
| Newaygo                        | 1     | (D)   | (NA)  | (NA)  |
| Oakland                        | 3     | (D)   | 4     | 19    |
| Oceana                         | 6     | (D)   | 6     | 5     |
| Ogemaw                         | 1     | (D)   | (NA)  | (NA)  |
| Osceola                        | 1     | (D)   | (NA)  | (NA)  |
| Ottawa                         | 5     | (D)   | 6     | 3     |
| Saginaw                        | 4     | (D)   | 9     | 10    |
| St. Clair                      | 1     | (D)   | 4     | (D)   |
| St. Joseph                     | 9     |       | 4     | 9     |
| Sanilac                        | 4     | (D)   | 4     | (D)   |
| Schoolcraft                    | 4     | (D)   | (NA)  | (NA)  |
| Shiawassee                     | 1     | (D)   | 3     | 2     |
| Tuscola                        | 4     | (D)   | 3     | 3     |
| Van Buren                      | 8     | (D)   | 14    | 26    |
| Washtenaw                      | 10    | (D)   | 8     | 24    |
| Wayne                          | 4     | (D)   | 6     | 11    |
| Wexford                        | 5     | (D)   | (NA)  | (NA)  |
| <b>STRAWBERRIES</b>            |       |       |       |       |
| <b>State Total</b>             |       |       |       |       |
| Michigan                       | 312   | 1,224 | 386   | 1,558 |
| <b>Counties</b>                |       |       |       |       |
| Alcona                         | 1     | (D)   | (NA)  | (NA)  |
| Alger                          | 3     | (D)   | 4     | 13    |
| Alligan                        | 4     | (D)   | 11    | 70    |
| Alpena                         | 3     | (D)   | 7     | 37    |
| Antrim                         | 8     | (D)   | 6     | 15    |
| Arenac                         | 1     | (D)   | (NA)  | (NA)  |
| Barry                          | 7     | (D)   | 4     | 10    |
| Bay                            | 5     | (D)   | 8     | 25    |
| Berrien                        | 23    | (D)   | 34    | 169   |
| Branch                         | 4     | (D)   | 6     | 16    |
| Calhoun                        | 5     | (D)   | 5     | 6     |
| Cass                           | 5     | (D)   | 4     | (D)   |
| Charlevoix                     | 3     | (D)   | (NA)  | (NA)  |
| Cheboygan                      | 1     | (D)   | (NA)  | (NA)  |
| Chippewa                       | 2     | (D)   | 4     | (D)   |
| Clare                          | 6     | (D)   | (NA)  | (NA)  |
| Clinton                        | 4     | (D)   | 5     | (D)   |
| Delta                          | 3     | (D)   | 4     | (D)   |
| Eaton                          | 1     | (D)   | 5     | (D)   |
| Emmet                          | 2     | (D)   | 4     | 6     |
| Genesee                        | 4     | (D)   | 6     | 28    |
| Gladwin                        | 6     | (D)   | 6     | 2     |
| Grand Traverse                 | 5     | (D)   | 5     | 9     |
| Gratiot                        | 1     | (D)   | 9     | 16    |
| Hillsdale                      | 4     | (D)   | (NA)  | (NA)  |
| Houghton                       | 13    | (D)   | 14    | 45    |
| Huron                          | 4     | (D)   | (NA)  | (NA)  |
| Ingham                         | 3     | (D)   | 4     | (D)   |
| Ionia                          | 6     | (D)   | 4     | 7     |
| Iosco                          | 2     | (D)   | (NA)  | (NA)  |
| Iron                           | 1     | (D)   | (NA)  | (NA)  |
| Isabella                       | 1     | (D)   | 6     | 25    |
| Jackson                        | 6     | (D)   | (NA)  | (NA)  |
| Kalamazoo                      | 7     | (D)   | (NA)  | (NA)  |
| Kent                           | 8     | (D)   | 15    | 66    |
| Lapeer                         | 4     | (D)   | 5     | 33    |
| Leelanau                       | 6     | (D)   | 9     | 24    |
| Lenawee                        | 7     | (D)   | 10    | 24    |
| Livingston                     | 1     | (D)   | 6     | 25    |
| Macomb                         | 5     | (D)   | 8     | 68    |
| Manistee                       | 7     | (D)   | 11    | 84    |
| Marquette                      | 1     | (D)   | (NA)  | (NA)  |
| Mason                          | 2     | (D)   | 5     | 10    |
| Mecosta                        | 12    | (D)   | (NA)  | (NA)  |
| Midland                        | 3     | (D)   | (NA)  | (NA)  |
| Monroe                         | 3     | (D)   | 6     | 28    |
| Montcalm                       | 11    | (D)   | 11    | 18    |
| Montmorency                    | 1     | (D)   | (NA)  | (NA)  |
| Muskegon                       | 2     | (D)   | 5     | 11    |
| Newaygo                        | 6     | (D)   | 6     | (D)   |
| Oakland                        | 1     | (D)   | (NA)  | (NA)  |
| Oceana                         | 5     | (D)   | 7     | 37    |
| Ogemaw                         | 2     | (D)   | (NA)  | (NA)  |
| Osceola                        | 2     | (D)   | (NA)  | (NA)  |
| Oscoda                         | 1     | (D)   | (NA)  | (NA)  |
| Otsego                         | 1     | (D)   | (NA)  | (NA)  |

--continued

**Table 33. Berries Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area            | 2002  |       | 1997  |       |
|----------------------------|-------|-------|-------|-------|
|                            | Farms | Acres | Farms | Acres |
| <b>STRAWBERRIES - Con.</b> |       |       |       |       |
| <b>Counties - Con.</b>     |       |       |       |       |
| Ottawa .....               | 5     | 25    | 11    | 30    |
| Presque Isle .....         | 1     | (D)   | (NA)  | (NA)  |
| Saginaw .....              | 8     | 23    | 13    | 44    |
| St. Clair .....            | 5     | 19    | 6     | 19    |
| St. Joseph .....           | 6     | 11    | 9     | 16    |
| Sanilac .....              | 9     | 24    | 4     | (D)   |
| Schoolcraft .....          | 2     | (D)   | 3     | (D)   |
| Shiawassee .....           | 4     | (D)   | (NA)  | (NA)  |
| Tuscola .....              | 2     | (D)   | 7     | 16    |
| Van Buren .....            | 11    | 115   | 10    | 109   |
| Washtenaw .....            | 11    | 15    | 9     | 48    |
| Wayne .....                | 2     | (D)   | 6     | 3     |
| Wexford .....              | 1     | (D)   | (NA)  | (NA)  |
| <b>OTHER BERRIES</b>       |       |       |       |       |
| <b>State Total</b>         |       |       |       |       |
| Michigan .....             | 8     | 26    | 18    | (D)   |
| <b>Counties</b>            |       |       |       |       |
| Berrien .....              | 1     | (D)   | 3     | 2     |
| Genesee .....              | 1     | (D)   | (NA)  | (NA)  |
| Houghton .....             | 2     | (D)   | (NA)  | (NA)  |
| Oceana .....               | 1     | (D)   | (NA)  | (NA)  |
| Presque Isle .....         | 1     | (D)   | (NA)  | (NA)  |
| Tuscola .....              | 1     | (D)   | (NA)  | (NA)  |
| Van Buren .....            | 1     | (D)   | 3     | (D)   |

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area   | 2002  |   |                   | 1997  |   |                   |
|---|-------|---|-------------------|-------|---|-------------------|
|   | Farms | Sq. ft. under glass or other protection | Acres in the open | Farms | Sq. ft. under glass or other protection | Acres in the open |
| <b>NURSERY, GREENHOUSE, FLORICULTURE, AQUATIC PLANTS, MUSHROOMS, FLOWER SEEDS, VEGETABLE SEEDS, AND SOD HARVESTED, TOTAL (SEE TEXT)</b> |       |   |                   |       |   |                   |
| <b>State Total</b>  |       |   |                   |       |   |                   |
| Michigan .....  | 2,225 | 60,869,472                              | 37,602            | (NA)  | (NA)                                    | (NA)              |
| <b>Counties</b>   |       |   |                   |       |   |                   |
| Alcona .....  | 9     | 58,496                                  | 99                | (NA)  | (NA)                                    | (NA)              |
| Alger .....   | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Allegan .....   | 101   | 1,764,349                               | 3,322             | (NA)  | (NA)                                    | (NA)              |
| Alpena .....  | 3     | -                                       | 13                | (NA)  | (NA)                                    | (NA)              |
| Antrim .....  | 27    | 113,065                                 | 127               | (NA)  | (NA)                                    | (NA)              |
| Arenac .....  | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Baraga .....  | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Barry .....   | 9     | 155,760                                 | (D)               | (NA)  | (NA)                                    | (NA)              |
| Bay .....   | 26    | 584,429                                 | 147               | (NA)  | (NA)                                    | (NA)              |
| Benzie .....  | 10    | 37,900                                  | 29                | (NA)  | (NA)                                    | (NA)              |
| Berrien .....   | 117   | 1,812,267                               | 1,059             | (NA)  | (NA)                                    | (NA)              |
| Branch .....  | 15    | 78,580                                  | (D)               | (NA)  | (NA)                                    | (NA)              |
| Calhoun .....   | 28    | 326,625                                 | 302               | (NA)  | (NA)                                    | (NA)              |
| Cass .....  | 34    | 326,167                                 | 93                | (NA)  | (NA)                                    | (NA)              |
| Charlevoix .....  | 9     | 15,150                                  | 4                 | (NA)  | (NA)                                    | (NA)              |
| Cheboygan .....   | 18    | 89,275                                  | 201               | (NA)  | (NA)                                    | (NA)              |
| Chippewa .....  | 6     | (D)                                     | 218               | (NA)  | (NA)                                    | (NA)              |
| Clare .....   | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Clinton .....   | 37    | (D)                                     | 1,517             | (NA)  | (NA)                                    | (NA)              |
| Crawford .....  | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Delta .....   | 16    | 71,070                                  | 269               | (NA)  | (NA)                                    | (NA)              |
| Dickinson .....   | 4     | (D)                                     | 11                | (NA)  | (NA)                                    | (NA)              |
| Eaton .....   | 29    | 136,160                                 | 802               | (NA)  | (NA)                                    | (NA)              |
| Emmet .....   | 14    | 57,730                                  | 109               | (NA)  | (NA)                                    | (NA)              |
| Genesee .....   | 56    | 766,039                                 | 502               | (NA)  | (NA)                                    | (NA)              |
| Gladwin .....   | 7     | 1,604                                   | 90                | (NA)  | (NA)                                    | (NA)              |
| Gogebic .....   | 5     | (D)                                     | 5                 | (NA)  | (NA)                                    | (NA)              |
| Grand Traverse .....  | 23    | 126,438                                 | 42                | (NA)  | (NA)                                    | (NA)              |
| Gratiot .....   | 17    | 146,192                                 | 32                | (NA)  | (NA)                                    | (NA)              |
| Hillsdale .....   | 9     | (D)                                     | 12                | (NA)  | (NA)                                    | (NA)              |
| Houghton .....  | 5     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Huron .....   | 10    | 16,700                                  | 44                | (NA)  | (NA)                                    | (NA)              |
| Ingham .....  | 50    | 949,261                                 | 1,133             | (NA)  | (NA)                                    | (NA)              |
| Ionia .....   | 23    | 241,845                                 | 536               | (NA)  | (NA)                                    | (NA)              |
| Iosco .....   | 6     | 38,304                                  | 8                 | (NA)  | (NA)                                    | (NA)              |
| Iron .....  | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Isabella .....  | 17    | 27,360                                  | 181               | (NA)  | (NA)                                    | (NA)              |
| Jackson .....   | 46    | 255,478                                 | 335               | (NA)  | (NA)                                    | (NA)              |
| Kalamazoo .....   | 95    | 12,105,554                              | 296               | (NA)  | (NA)                                    | (NA)              |
| Kalkaska .....  | 10    | (D)                                     | 46                | (NA)  | (NA)                                    | (NA)              |
| Kent .....  | 88    | 5,099,552                               | 495               | (NA)  | (NA)                                    | (NA)              |
| Lake .....  | 7     | 21,230                                  | (D)               | (NA)  | (NA)                                    | (NA)              |
| Lapeer .....  | 52    | 549,715                                 | 813               | (NA)  | (NA)                                    | (NA)              |
| Leelanau .....  | 42    | (D)                                     | 297               | (NA)  | (NA)                                    | (NA)              |
| Lenawee .....   | 29    | 369,520                                 | 211               | (NA)  | (NA)                                    | (NA)              |
| Livingston .....  | 56    | 103,924                                 | 1,080             | (NA)  | (NA)                                    | (NA)              |
| Luce .....  | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Mackinac .....  | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Macomb .....  | 83    | 2,090,089                               | 2,152             | (NA)  | (NA)                                    | (NA)              |
| Manistee .....  | 16    | 27,055                                  | 210               | (NA)  | (NA)                                    | (NA)              |
| Marquette .....   | 6     | (D)                                     | 15                | (NA)  | (NA)                                    | (NA)              |
| Mason .....   | 17    | (D)                                     | 463               | (NA)  | (NA)                                    | (NA)              |
| Mecosta .....   | 10    | 1,152                                   | 94                | (NA)  | (NA)                                    | (NA)              |
| Menominee .....   | 5     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Midland .....   | 12    | 60,628                                  | 10                | (NA)  | (NA)                                    | (NA)              |
| Missaukee .....   | 16    | -                                       | 309               | (NA)  | (NA)                                    | (NA)              |
| Monroe .....  | 77    | 2,563,573                               | 851               | (NA)  | (NA)                                    | (NA)              |
| Montcalm .....  | 35    | 64,191                                  | 1,107             | (NA)  | (NA)                                    | (NA)              |
| Montmorency .....   | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Muskegon .....  | 33    | 1,585,024                               | 104               | (NA)  | (NA)                                    | (NA)              |
| Newaygo .....   | 23    | 449,804                                 | 463               | (NA)  | (NA)                                    | (NA)              |
| Oakland .....   | 70    | 2,264,000                               | 365               | (NA)  | (NA)                                    | (NA)              |
| Oceana .....  | 15    | 15,000                                  | 98                | (NA)  | (NA)                                    | (NA)              |
| Ogemaw .....  | 5     | (D)                                     | 6                 | (NA)  | (NA)                                    | (NA)              |
| Osceola .....   | 7     | -                                       | 162               | (NA)  | (NA)                                    | (NA)              |
| Oscoda .....  | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Otsego .....  | 10    | (D)                                     | 67                | (NA)  | (NA)                                    | (NA)              |
| Ottawa .....  | 196   | 16,131,552                              | 6,372             | (NA)  | (NA)                                    | (NA)              |
| Presque Isle .....  | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Roscommon .....   | 4     | 35,712                                  | (D)               | (NA)  | (NA)                                    | (NA)              |
| Saginaw .....   | 38    | 536,080                                 | 768               | (NA)  | (NA)                                    | (NA)              |
| St. Clair .....   | 54    | 743,880                                 | 720               | (NA)  | (NA)                                    | (NA)              |
| St. Joseph .....  | 24    | 171,114                                 | (D)               | (NA)  | (NA)                                    | (NA)              |
| Sanilac .....   | 21    | 46,000                                  | 1,524             | (NA)  | (NA)                                    | (NA)              |
| Schoolcraft .....   | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Shiawassee .....  | 20    | 71,622                                  | (D)               | (NA)  | (NA)                                    | (NA)              |
| Tuscola .....   | 25    | 77,910                                  | 255               | (NA)  | (NA)                                    | (NA)              |
| Van Buren .....   | 67    | 2,200,677                               | 587               | (NA)  | (NA)                                    | (NA)              |
| Washtenaw .....   | 76    | 1,188,615                               | 570               | (NA)  | (NA)                                    | (NA)              |
| Wayne .....   | 55    | 3,101,376                               | 1,272             | (NA)  | (NA)                                    | (NA)              |
| Wexford .....   | 13    | 43,867                                  | 21                | (NA)  | (NA)                                    | (NA)              |

--continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area   | 2002  |   |                   | 1997  |   |                   |
|---|-------|---|-------------------|-------|---|-------------------|
|   | Farms | Sq. ft. under glass or other protection | Acres in the open | Farms | Sq. ft. under glass or other protection | Acres in the open |
| <b>NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD HARVESTED, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)</b>               |       |   |                   |       |   |                   |
| <b>State Total</b>  |       |   |                   |       |   |                   |
| Michigan .....  | 658   | (X)                                     | 19,750            | 828   | (X)                                     | 21,942            |
| <b>Counties</b>   |       |   |                   |       |   |                   |
| Alcona .....  | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Allegan .....   | 39    | (X)                                     | 1,383             | 41    | (X)                                     | 1,128             |
| Antrim .....  | 9     | (X)                                     | 42                | 4     | (X)                                     | (D)               |
| Arenac .....  | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Baraga .....  | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Barry .....   | 3     | (X)                                     | (D)               | 4     | (X)                                     | 5                 |
| Bay .....   | 2     | (X)                                     | (D)               | 9     | (X)                                     | 42                |
| Benzie .....  | 3     | (X)                                     | 8                 | (NA)  | (NA)                                    | (NA)              |
| Berrien .....   | 39    | (X)                                     | 510               | 40    | (X)                                     | 400               |
| Branch .....  | 3     | (X)                                     | (D)               | 12    | (X)                                     | 433               |
| Calhoun .....   | 6     | (X)                                     | 25                | 5     | (X)                                     | 12                |
| Cass .....  | 8     | (X)                                     | 34                | 9     | (X)                                     | 118               |
| Charlevoix .....  | 4     | (X)                                     | 3                 | 5     | (X)                                     | 9                 |
| Cheboygan .....   | 10    | (X)                                     | (D)               | 9     | (X)                                     | 70                |
| Clinton .....   | 6     | (X)                                     | (D)               | 8     | (X)                                     | (D)               |
| Crawford .....  | 1     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Delta .....   | 5     | (X)                                     | 5                 | (NA)  | (NA)                                    | (NA)              |
| Dickinson .....   | 1     | (X)                                     | (D)               | 3     | (X)                                     | (D)               |
| Eaton .....   | 7     | (X)                                     | (D)               | 14    | (X)                                     | (D)               |
| Emmet .....   | 5     | (X)                                     | (D)               | 6     | (X)                                     | 14                |
| Genesee .....   | 12    | (X)                                     | 312               | 24    | (X)                                     | 178               |
| Grand Traverse .....  | 9     | (X)                                     | 24                | 13    | (X)                                     | 30                |
| Gratiot .....   | 3     | (X)                                     | 3                 | (NA)  | (NA)                                    | (NA)              |
| Hillsdale .....   | 3     | (X)                                     | (D)               | 4     | (X)                                     | (D)               |
| Houghton .....  | 1     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Huron .....   | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ingham .....  | 16    | (X)                                     | 800               | 12    | (X)                                     | (D)               |
| Ionia .....   | 5     | (X)                                     | 30                | 6     | (X)                                     | 39                |
| Iosco .....   | 3     | (X)                                     | 7                 | (NA)  | (NA)                                    | (NA)              |
| Isabella .....  | 4     | (X)                                     | 13                | 6     | (X)                                     | 6                 |
| Jackson .....   | 13    | (X)                                     | 192               | 19    | (X)                                     | 213               |
| Kalamazoo .....   | 20    | (X)                                     | 67                | 20    | (X)                                     | 106               |
| Kent .....  | 40    | (X)                                     | 183               | 29    | (X)                                     | 88                |
| Lake .....  | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Lapeer .....  | 16    | (X)                                     | 586               | 22    | (X)                                     | 639               |
| Leelanau .....  | 18    | (X)                                     | 29                | 20    | (X)                                     | 36                |
| Lenawee .....   | 12    | (X)                                     | 57                | 8     | (X)                                     | 51                |
| Livingston .....  | 19    | (X)                                     | 600               | 23    | (X)                                     | 159               |
| Luce .....  | 1     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Macomb .....  | 19    | (X)                                     | 1,288             | 37    | (X)                                     | 1,013             |
| Manistee .....  | 6     | (X)                                     | 118               | 15    | (X)                                     | 292               |
| Marquette .....   | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Mason .....   | 10    | (X)                                     | 288               | 18    | (X)                                     | 318               |
| Mecosta .....   | 1     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Midland .....   | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Missaukee .....   | 5     | (X)                                     | 113               | 5     | (X)                                     | 75                |
| Monroe .....  | 16    | (X)                                     | 585               | 23    | (X)                                     | 417               |
| Montcalm .....  | 7     | (X)                                     | 45                | 8     | (X)                                     | (D)               |
| Montmorency .....   | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Muskegon .....  | 6     | (X)                                     | 7                 | 13    | (X)                                     | 62                |
| Newaygo .....   | 10    | (X)                                     | 83                | 7     | (X)                                     | 60                |
| Oakland .....   | 22    | (X)                                     | 279               | 51    | (X)                                     | 393               |
| Oceana .....  | 3     | (X)                                     | 10                | 6     | (X)                                     | 164               |
| Ogemaw .....  | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Osceola .....   | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Oneida .....  | 3     | (X)                                     | 13                | 3     | (X)                                     | 4                 |
| Ottawa .....  | 66    | (X)                                     | 4,120             | 85    | (X)                                     | 6,066             |
| Saginaw .....   | 13    | (X)                                     | (D)               | 15    | (X)                                     | 114               |
| St. Clair .....   | 18    | (X)                                     | 313               | 14    | (X)                                     | 102               |
| St. Joseph .....  | 10    | (X)                                     | (D)               | 8     | (X)                                     | (D)               |
| Sanilac .....   | 9     | (X)                                     | 404               | 9     | (X)                                     | (D)               |
| Shiawassee .....  | 9     | (X)                                     | (D)               | 7     | (X)                                     | (D)               |
| Tuscola .....   | 7     | (X)                                     | 24                | 7     | (X)                                     | 14                |
| Van Buren .....   | 17    | (X)                                     | 321               | 26    | (X)                                     | 1,203             |
| Washtenaw .....   | 23    | (X)                                     | 227               | 23    | (X)                                     | 287               |
| Wayne .....   | 11    | (X)                                     | (D)               | 26    | (X)                                     | 421               |
| Wexford .....   | 1     | (X)                                     | (D)               | 7     | (X)                                     | 121               |
| <b>FLORICULTURE CROPS - BEDDING/GARDEN PLANTS, CUT FLOWERS AND CUT FLORIST GREENS, FOLIAGE PLANTS, AND POTTED FLOWERING PLANTS, TOTAL</b> |       |   |                   |       |   |                   |
| <b>State Total</b>  |       |   |                   |       |   |                   |
| Michigan .....  | 1,271 | 48,186,105                              | 3,880             | (NA)  | 44,429,347                              | 4,345             |
| <b>Counties</b>   |       |   |                   |       |   |                   |
| Alcona .....  | 4     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Alger .....   | 1     | -                                       | (D)               | (NA)  | (D)                                     | (D)               |
| Allegan .....   | 53    | 1,358,117                               | 318               | (NA)  | 1,020,448                               | (D)               |
| Alpena .....  | 1     | -                                       | (D)               | (NA)  | (D)                                     | -                 |
| Antrim .....  | 21    | (D)                                     | 34                | (NA)  | (D)                                     | 15                |
| Arenac .....  | 4     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |

--continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area  | 2002  |   |                   | 1997  |   |                   |
|--|-------|---|-------------------|-------|---|-------------------|
|  | Farms | Sq. ft. under glass or other protection | Acres in the open | Farms | Sq. ft. under glass or other protection | Acres in the open |
| <b>FLORICULTURE CROPS - BEDDING/GARDEN PLANTS, CUT FLOWERS AND CUT FLORIST GREENS, FOLIAGE PLANTS, AND POTTED FLOWERING PLANTS, TOTAL - Con.</b> |       |   |                   |       |   |                   |
| <b>Counties - Con.</b>   |       |   |                   |       |   |                   |
| Baraga . . . . .   | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Barry . . . . .  | 7     | (D)                                     | (D)               | (NA)  | 142,000                                 | (D)               |
| Bay . . . . .  | 21    | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Benzie . . . . .   | 7     | (D)                                     | 7                 | (NA)  | (D)                                     | (D)               |
| Berrien . . . . .  | 82    | 1,755,174                               | 497               | (NA)  | 670,028                                 | 286               |
| Branch . . . . .   | 11    | 75,936                                  | (D)               | (NA)  | (D)                                     | 1,478             |
| Calhoun . . . . .  | 13    | 285,060                                 | 55                | (NA)  | (D)                                     | 16                |
| Cass . . . . .   | 16    | 248,410                                 | 10                | (NA)  | 190,656                                 | 47                |
| Charlevoix . . . . .   | 6     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Cheboygan . . . . .  | 4     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Chippewa . . . . .   | 1     | (D)                                     | -                 | (NA)  | 1,584                                   | (D)               |
| Clare . . . . .  | 1     | (D)                                     | (D)               | (NA)  | 73,700                                  | (NA)              |
| Clinton . . . . .  | 8     | (D)                                     | 4                 | (NA)  | (D)                                     | (D)               |
| Crawford . . . . .   | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Delta . . . . .  | 7     | (D)                                     | 8                 | (NA)  | (D)                                     | (D)               |
| Dickinson . . . . .  | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Eaton . . . . .  | 10    | (D)                                     | 10                | (NA)  | (D)                                     | 15                |
| Emmet . . . . .  | 11    | 43,150                                  | (D)               | (NA)  | 48,787                                  | 19                |
| Genesee . . . . .  | 32    | 617,539                                 | 25                | (NA)  | 188,524                                 | 48                |
| Gladwin . . . . .  | 1     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Gogebic . . . . .  | 4     | (D)                                     | (D)               | (NA)  | (D)                                     | -                 |
| Grand Traverse . . . . .   | 19    | 107,410                                 | 16                | (NA)  | (D)                                     | 14                |
| Gratiot . . . . .  | 10    | 93,902                                  | -                 | (NA)  | (D)                                     | 1                 |
| Hillsdale . . . . .  | 5     | (D)                                     | (D)               | (NA)  | 130,242                                 | (D)               |
| Houghton . . . . .   | 2     | -                                       | (D)               | (NA)  | 21,840                                  | (D)               |
| Huron . . . . .  | 5     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ingham . . . . .   | 23    | 875,739                                 | 33                | (NA)  | 463,887                                 | 10                |
| Ionia . . . . .  | 9     | 236,645                                 | -                 | (NA)  | 158,700                                 | (D)               |
| Iosco . . . . .  | 5     | 24,030                                  | (D)               | (NA)  | (NA)                                    | (NA)              |
| Iron . . . . .   | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Isabella . . . . .   | 8     | 27,360                                  | 3                 | (NA)  | (D)                                     | (D)               |
| Jackson . . . . .  | 19    | 222,018                                 | (D)               | (NA)  | 253,946                                 | 62                |
| Kalamazoo . . . . .  | 77    | 11,966,964                              | (D)               | (NA)  | 9,642,483                               | 61                |
| Kalkaska . . . . .   | 2     | -                                       | (D)               | (NA)  | (D)                                     | (D)               |
| Kent . . . . .   | 58    | 4,628,529                               | 66                | (NA)  | 5,887,427                               | 66                |
| Lake . . . . .   | 4     | 21,230                                  | (D)               | (NA)  | (NA)                                    | (NA)              |
| Lapeer . . . . .   | 23    | 498,657                                 | 39                | (NA)  | 495,788                                 | 35                |
| Leelanau . . . . .   | 15    | (D)                                     | 10                | (NA)  | 131,588                                 | 15                |
| Lenawee . . . . .  | 12    | (D)                                     | 24                | (NA)  | 164,520                                 | 23                |
| Livingston . . . . .   | 21    | (D)                                     | 9                 | (NA)  | 146,980                                 | (D)               |
| Luce . . . . .   | 1     | (D)                                     | -                 | (NA)  | (D)                                     | -                 |
| Mackinac . . . . .   | 3     | (D)                                     | (D)               | (NA)  | 2,817,522                               | (NA)              |
| Macomb . . . . .   | 63    | 1,982,005                               | 91                | (NA)  | 35,613                                  | (D)               |
| Manistee . . . . .   | 5     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Marquette . . . . .  | 3     | (D)                                     | (D)               | (NA)  | 155,550                                 | (D)               |
| Mason . . . . .  | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Mecosta . . . . .  | 1     | -                                       | (D)               | (NA)  | 33,072                                  | (D)               |
| Menominee . . . . .  | 2     | (D)                                     | -                 | (NA)  | (D)                                     | 2                 |
| Midland . . . . .  | 10    | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Missaukee . . . . .  | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Monroe . . . . .   | 49    | 2,512,708                               | 79                | (NA)  | 2,475,992                               | (D)               |
| Montcalm . . . . .   | 18    | 51,956                                  | (D)               | (NA)  | 42,048                                  | (D)               |
| Montmorency . . . . .  | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Muskegon . . . . .   | 19    | (D)                                     | 43                | (NA)  | 1,210,896                               | (D)               |
| Newaygo . . . . .  | 10    | 426,064                                 | 9                 | (NA)  | (D)                                     | (D)               |
| Oakland . . . . .  | 49    | 2,248,000                               | 52                | (NA)  | 1,950,496                               | 43                |
| Oceana . . . . .   | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ogemaw . . . . .   | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | -                 |
| Osceola . . . . .  | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ottawa . . . . .   | 137   | (D)                                     | 443               | (NA)  | 6,315,182                               | 668               |
| Presque Isle . . . . .   | 2     | (D)                                     | -                 | (NA)  | (D)                                     | (D)               |
| Roscommon . . . . .  | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Saginaw . . . . .  | 21    | 477,800                                 | 33                | (NA)  | 503,304                                 | 56                |
| St. Clair . . . . .  | 35    | 705,587                                 | 24                | (NA)  | 1,040,908                               | 28                |
| St. Joseph . . . . .   | 19    | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Sanilac . . . . .  | 8     | 46,000                                  | 5                 | (NA)  | (D)                                     | (D)               |
| Schoolcraft . . . . .  | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Shiawassee . . . . .   | 8     | 56,290                                  | (D)               | (NA)  | (D)                                     | (D)               |
| Tuscola . . . . .  | 11    | (D)                                     | 3                 | (NA)  | (D)                                     | (D)               |
| Van Buren . . . . .  | 36    | 1,660,904                               | 65                | (NA)  | 1,341,794                               | 116               |
| Washtenaw . . . . .  | 43    | 1,165,499                               | 35                | (NA)  | 802,301                                 | 14                |
| Wayne . . . . .  | 41    | 2,814,592                               | 30                | (NA)  | 2,928,783                               | (D)               |
| Wexford . . . . .  | 9     | 41,251                                  | 4                 | (NA)  | (D)                                     | (D)               |
| <b>BEDDING/GARDEN PLANTS</b>   |       |   |                   |       |   |                   |
| <b>State Total</b>   |       |   |                   |       |   |                   |
| Michigan . . . . .   | 1,077 | 38,237,074                              | 1,825             | (NA)  | 33,717,542                              | 1,756             |
| <b>Counties</b>  |       |   |                   |       |   |                   |
| Alcona . . . . .   | 4     | 20,396                                  | (D)               | (NA)  | (D)                                     | (D)               |
| Alger . . . . .  | 1     | -                                       | (D)               | (NA)  | (D)                                     | (D)               |
| Allegan . . . . .  | 39    | 669,363                                 | 276               | (NA)  | 774,906                                 | 137               |
| Alpena . . . . .   | 1     | -                                       | (D)               | (NA)  | (D)                                     | -                 |
| Antrim . . . . .   | 21    | (D)                                     | 27                | (NA)  | (D)                                     | (D)               |

--continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                           | 2002  |   |                   | 1997  |   |                   |
|---|-------|---|-------------------|-------|---|-------------------|
|   | Farms | Sq. ft. under glass or other protection | Acres in the open | Farms | Sq. ft. under glass or other protection | Acres in the open |
| <b>BEDDING/GARDEN PLANTS - Con.</b>       |       |   |                   |       |   |                   |
| Counties - Con.                           |       |   |                   |       |   |                   |
| Arenac . . . . .                          | 4     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Baraga . . . . .                          | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Barry . . . . .                           | 7     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Bay . . . . .                             | 19    | 386,404                                 | 10                | (NA)  | 142,000                                 | 16                |
| Benzie . . . . .                          | 4     | (D)                                     | (D)               | (NA)  | 357,558                                 | (D)               |
| Berrien . . . . .                         | 65    | 1,608,334                               | 369               | (NA)  | 345,898                                 | 200               |
| Branch . . . . .                          | 9     | 64,136                                  | -                 | (NA)  | 62,632                                  | -                 |
| Calhoun . . . . .                         | 13    | 285,060                                 | (D)               | (NA)  | (D)                                     | 16                |
| Cass . . . . .                            | 11    | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Charlevoix . . . . .                      | 5     | (D)                                     | (D)               | (NA)  | 31,400                                  | 3                 |
| Cheboygan . . . . .                       | 4     | (D)                                     | (D)               | (NA)  | 23,915                                  | 2                 |
| Chippewa . . . . .                        | 1     | (D)                                     | -                 | (NA)  | 1,584                                   | -                 |
| Clare . . . . .                           | 1     | (D)                                     | (D)               | (NA)  | 56,200                                  | (NA)              |
| Clinton . . . . .                         | 6     | 54,674                                  | (D)               | (NA)  | (NA)                                    | (D)               |
| Crawford . . . . .                        | 2     | -                                       | (D)               | (NA)  | (D)                                     | (NA)              |
| Delta . . . . .                           | 7     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Dickinson . . . . .                       | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Eaton . . . . .                           | 9     | 38,470                                  | (D)               | (NA)  | 71,300                                  | 7                 |
| Emmet . . . . .                           | 9     | -                                       | 15                | (NA)  | (D)                                     | 1                 |
| Genesee . . . . .                         | 28    | 523,411                                 | 20                | (NA)  | 152,244                                 | 36                |
| Gladwin . . . . .                         | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Gogebic . . . . .                         | 4     | (D)                                     | (D)               | (NA)  | (D)                                     | -                 |
| Grand Traverse . . . . .                  | 15    | 105,035                                 | 9                 | (NA)  | 78,000                                  | 4                 |
| Gratiot . . . . .                         | 7     | 34,352                                  | -                 | (NA)  | (D)                                     | (D)               |
| Hillsdale . . . . .                       | 4     | (D)                                     | (D)               | (NA)  | 111,742                                 | (D)               |
| Houghton . . . . .                        | 2     | -                                       | (D)               | (NA)  | (D)                                     | (D)               |
| Huron . . . . .                           | 5     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ingham . . . . .                          | 17    | 713,408                                 | 22                | (NA)  | 283,217                                 | 3                 |
| Ionia . . . . .                           | 9     | (D)                                     | -                 | (NA)  | 92,700                                  | (D)               |
| Iosco . . . . .                           | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Iron . . . . .                            | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Isabella . . . . .                        | 6     | 27,360                                  | (D)               | (NA)  | (NA)                                    | (NA)              |
| Jackson . . . . .                         | 16    | 196,518                                 | 11                | (NA)  | 218,946                                 | (D)               |
| Kalamazoo . . . . .                       | 69    | 10,622,164                              | 41                | (NA)  | 8,055,614                               | 54                |
| Kalkaska . . . . .                        | 2     | -                                       | (D)               | (NA)  | (D)                                     | (D)               |
| Kent . . . . .                            | 51    | 2,846,847                               | 54                | (NA)  | 3,879,576                               | 46                |
| Lake . . . . .                            | 4     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Lapeer . . . . .                          | 23    | 341,988                                 | (D)               | (NA)  | 435,672                                 | 7                 |
| Leelanau . . . . .                        | 11    | (D)                                     | 5                 | (NA)  | (D)                                     | (D)               |
| Lenawee . . . . .                         | 9     | 302,184                                 | (D)               | (NA)  | 136,160                                 | (D)               |
| Livingston . . . . .                      | 17    | 89,969                                  | (D)               | (NA)  | 109,900                                 | 28                |
| Luce . . . . .                            | 1     | (D)                                     | -                 | (NA)  | 11,672                                  | -                 |
| Mackinac . . . . .                        | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Macomb . . . . .                          | 59    | 1,592,627                               | 66                | (NA)  | 1,504,110                               | 86                |
| Manistee . . . . .                        | 4     | 21,625                                  | (D)               | (NA)  | (D)                                     | (D)               |
| Marquette . . . . .                       | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Mason . . . . .                           | 3     | (D)                                     | -                 | (NA)  | 109,550                                 | (D)               |
| Mecosta . . . . .                         | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Menominee . . . . .                       | 2     | (D)                                     | -                 | (NA)  | (D)                                     | (D)               |
| Midland . . . . .                         | 9     | 37,626                                  | (D)               | (NA)  | 25,800                                  | (Z)               |
| Monroe . . . . .                          | 41    | 1,896,235                               | 57                | (NA)  | 2,026,492                               | 70                |
| Montcalm . . . . .                        | 18    | 51,956                                  | 8                 | (NA)  | (D)                                     | 8                 |
| Montmorency . . . . .                     | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Muskegon . . . . .                        | 19    | 1,232,998                               | (D)               | (NA)  | 1,070,116                               | 11                |
| Newaygo . . . . .                         | 9     | 371,964                                 | (D)               | (NA)  | 46,040                                  | (D)               |
| Oakland . . . . .                         | 40    | 2,012,540                               | 42                | (NA)  | 1,454,740                               | 18                |
| Oceana . . . . .                          | 3     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Ogemaw . . . . .                          | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | -                 |
| Osceola . . . . .                         | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ottawa . . . . .                          | 119   | 5,557,096                               | 425               | (NA)  | 5,361,652                               | 647               |
| Presque Isle . . . . .                    | 2     | (D)                                     | -                 | (NA)  | (D)                                     | (D)               |
| Roscommon . . . . .                       | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Saginaw . . . . .                         | 18    | 343,564                                 | (D)               | (NA)  | 377,052                                 | 12                |
| St. Clair . . . . .                       | 30    | 582,163                                 | 11                | (NA)  | 712,218                                 | 21                |
| St. Joseph . . . . .                      | 16    | 108,568                                 | 7                 | (NA)  | 100,492                                 | 6                 |
| Sanilac . . . . .                         | 8     | 46,000                                  | (D)               | (NA)  | (D)                                     | (D)               |
| Shiawassee . . . . .                      | 7     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Tuscola . . . . .                         | 7     | 53,500                                  | (D)               | (NA)  | 73,876                                  | (D)               |
| Van Buren . . . . .                       | 29    | 1,154,289                               | 45                | (NA)  | 1,039,398                               | 105               |
| Washtenaw . . . . .                       | 30    | 892,561                                 | 19                | (NA)  | 220,209                                 | 9                 |
| Wayne . . . . .                           | 35    | 1,670,136                               | 16                | (NA)  | 2,228,683                               | 25                |
| Wexford . . . . .                         | 5     | 41,251                                  | (D)               | (NA)  | 30,926                                  | (D)               |
| <b>CUT FLOWERS AND CUT FLORIST GREENS</b> |       |   |                   |       |   |                   |
| State Total                               |       |   |                   |       |   |                   |
| Michigan . . . . .                        | 188   | 251,045                                 | 1,926             | (NA)  | 1,238,670                               | 2,192             |
| Counties                                  |       |   |                   |       |   |                   |
| Allegan . . . . .                         | 9     | (D)                                     | (D)               | (NA)  | (D)                                     | 25                |
| Antrim . . . . .                          | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (D)               |
| Bay . . . . .                             | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | (NA)              |
| Benzie . . . . .                          | 4     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Berrien . . . . .                         | 21    | (D)                                     | 112               | (NA)  | (D)                                     | 60                |
| Branch . . . . .                          | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Cheboygan . . . . .                       | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Clinton . . . . .                         | 2     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Delta . . . . .                           | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |

--continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                                  | 2002  |   |                   | 1997  |   |                   |
|--|-------|---|-------------------|-------|---|-------------------|
|  | Farms | Sq. ft. under glass or other protection | Acres in the open | Farms | Sq. ft. under glass or other protection | Acres in the open |
| <b>CUT FLOWERS AND CUT FLORIST GREENS - Con.</b> |       |   |                   |       |   |                   |
| <b>Counties - Con.</b>                           |       |   |                   |       |   |                   |
| Eaton . . . . .                                  | 1     | (D)                                     | -                 | (NA)  | 17,083                                  | (D)               |
| Emmet . . . . .                                  | 4     | (D)                                     | (D)               | (NA)  | -                                       | (D)               |
| Genesee . . . . .                                | 5     | (D)                                     | (D)               | (NA)  | (D)                                     | 7                 |
| Grand Traverse . . . . .                         | 6     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Gratiot . . . . .                                | 4     |   | 18,200            | (NA)  | (NA)                                    | (NA)              |
| Hillsdale . . . . .                              | 1     |   | (D)               | (NA)  | (NA)                                    | (D)               |
| Ingham . . . . .                                 | 5     | (D)                                     | 8                 | (NA)  | (D)                                     | (D)               |
| Iosco . . . . .                                  | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Isabella . . . . .                               | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Jackson . . . . .                                | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | 8                 |
| Kalamazoo . . . . .                              | 6     | (D)                                     | 13                | (NA)  | (D)                                     | (D)               |
| Kent . . . . .                                   | 4     | (D)                                     | (D)               | (NA)  | (D)                                     | 14                |
| Lapeer . . . . .                                 | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Leelanau . . . . .                               | 7     | (D)                                     | 5                 | (NA)  | -                                       | 12                |
| Lenawee . . . . .                                | 2     | -                                       | (D)               | (NA)  | -                                       | (D)               |
| Livingston . . . . .                             | 1     | (D)                                     | -                 | (NA)  | (D)                                     | 4                 |
| Mackinac . . . . .                               | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Macomb . . . . .                                 | 8     | (D)                                     | (D)               | (NA)  | 936,120                                 | 40                |
| Manistee . . . . .                               | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Marquette . . . . .                              | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Mason . . . . .                                  | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Midland . . . . .                                | 2     | -                                       | (D)               | (NA)  | (D)                                     | (D)               |
| Missaukee . . . . .                              | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Monroe . . . . .                                 | 8     | (D)                                     | (D)               | (NA)  | (D)                                     | 29                |
| Montcalm . . . . .                               | 2     |   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Muskegon . . . . .                               | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Newaygo . . . . .                                | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Oakland . . . . .                                | 6     | (D)                                     | 7                 | (NA)  | (D)                                     | 13                |
| Oceana . . . . .                                 | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Osceola . . . . .                                | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ottawa . . . . .                                 | 5     | -                                       | (D)               | (NA)  | (D)                                     | (D)               |
| Saginaw . . . . .                                | 2     | -                                       | (D)               | (NA)  | (D)                                     | 42                |
| St. Clair . . . . .                              | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| St. Joseph . . . . .                             | 2     | (D)                                     | (D)               | (NA)  | -                                       | (D)               |
| Sanilac . . . . .                                | 2     |   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Shiawassee . . . . .                             | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Tuscola . . . . .                                | 2     |   | (D)               | (NA)  | (D)                                     | (D)               |
| Van Buren . . . . .                              | 3     | (D)                                     | (D)               | (NA)  | -                                       | 5                 |
| Washtenaw . . . . .                              | 16    | (D)                                     | 14                | (NA)  | -                                       | 3                 |
| Wayne . . . . .                                  | 9     | 13,600                                  | (D)               | (NA)  | (D)                                     | 13                |
| Wexford . . . . .                                | 3     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| <b>FOLIAGE PLANTS</b>                            |       |   |                   |       |   |                   |
| <b>State Total</b>                               |       |   |                   |       |   |                   |
| Michigan . . . . .                               | 95    | 877,475                                 | 26                | (NA)  | 1,079,886                               | (D)               |
| <b>Counties</b>                                  |       |   |                   |       |   |                   |
| Alcona . . . . .                                 | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Allegan . . . . .                                | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Antrim . . . . .                                 | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Bay . . . . .                                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Berrien . . . . .                                | 3     | (D)                                     | 2                 | (NA)  | (D)                                     | 1                 |
| Branch . . . . .                                 | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Calhoun . . . . .                                | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Cass . . . . .                                   | 5     |   | 10,370            | (D)   | (NA)                                    | (NA)              |
| Charlevoix . . . . .                             | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Eaton . . . . .                                  | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Genesee . . . . .                                | 3     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Grand Traverse . . . . .                         | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Gratiot . . . . .                                | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Hillsdale . . . . .                              | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Ingham . . . . .                                 | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Iosco . . . . .                                  | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Jackson . . . . .                                | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Kalamazoo . . . . .                              | 8     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Kent . . . . .                                   | 4     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Lake . . . . .                                   | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Lapeer . . . . .                                 | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Livingston . . . . .                             | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Macomb . . . . .                                 | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Monroe . . . . .                                 | 4     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Muskegon . . . . .                               | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Newaygo . . . . .                                | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Oakland . . . . .                                | 4     | (D)                                     | -                 | (NA)  | (D)                                     | 2                 |
| Ogemaw . . . . .                                 | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ottawa . . . . .                                 | 13    | (D)                                     | (D)               | (NA)  | (D)                                     | -                 |
| St. Clair . . . . .                              | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| St. Joseph . . . . .                             | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Tuscola . . . . .                                | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Van Buren . . . . .                              | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Washtenaw . . . . .                              | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Wayne . . . . .                                  | 6     | 31,740                                  | (D)               | (NA)  | (D)                                     | (D)               |

-continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                | 2002  |   |                   | 1997  |   |                   |
|--------------------------------|-------|---|-------------------|-------|---|-------------------|
|                                | Farms | Sq. ft. under glass or other protection | Acres in the open | Farms | Sq. ft. under glass or other protection | Acres in the open |
| <b>POTTED FLOWERING PLANTS</b> |       |   |                   |       |   |                   |
| <b>State Total</b>             |       |   |                   |       |   |                   |
| Michigan .....                 | 320   | 8,820,511                               | 103               | (NA)  | 8,393,249                               | (D)               |
| <b>Counties</b>                |       |   |                   |       |   |                   |
| Alcona .....                   | 2     |   |                   | (NA)  | (NA)                                    | (NA)              |
| Allegan .....                  | 15    | (D)                                     | 14                | (NA)  | 135,662                                 | (D)               |
| Antrim .....                   | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Arenac .....                   | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Baraga .....                   | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Bay .....                      | 6     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Benzie .....                   | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Berrien .....                  | 15    | (D)                                     | 14                | (NA)  | 284,130                                 | 26                |
| Branch .....                   | 2     | (D)                                     | -                 | (NA)  | 45,600                                  | (D)               |
| Calhoun .....                  | 1     |   | (D)               | (NA)  | (D)                                     | -                 |
| Cass .....                     | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Chippewa .....                 | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Clare .....                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Clinton .....                  | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Crawford .....                 | 1     |   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Delta .....                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Dickinson .....                | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Eaton .....                    | 3     | 69,600                                  | (D)               | (NA)  | (D)                                     | (D)               |
| Emmet .....                    | 1     | (D)                                     | -                 | (NA)  | (D)                                     | (D)               |
| Genesee .....                  | 9     | 78,832                                  | (D)               | (NA)  | 14,580                                  | (D)               |
| Grand Traverse .....           | 4     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Gratiot .....                  | 3     | (D)                                     | -                 | (NA)  | (D)                                     | (D)               |
| Hillsdale .....                | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Ingham .....                   | 11    | (D)                                     | (D)               | (NA)  | 90,510                                  | (D)               |
| Ionia .....                    | 2     | (D)                                     | -                 | (NA)  | 66,000                                  | -                 |
| Jackson .....                  | 5     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Kalamazoo .....                | 20    | 1,137,391                               | (D)               | (NA)  | 1,236,544                               | (D)               |
| Kent .....                     | 24    | 1,707,182                               | 9                 | (NA)  | 1,891,845                               | (D)               |
| Lake .....                     | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Lapeer .....                   | 3     | (D)                                     | -                 | (NA)  | (D)                                     | (D)               |
| Leelanau .....                 | 2     | (D)                                     | -                 | (NA)  | (D)                                     | (D)               |
| Lenawee .....                  | 4     | (D)                                     | (D)               | (NA)  | 28,360                                  | -                 |
| Livingston .....               | 4     | (D)                                     | -                 | (NA)  | (D)                                     | 28                |
| Macomb .....                   | 15    | 373,878                                 | (D)               | (NA)  | (D)                                     | (D)               |
| Manistee .....                 | 2     | (D)                                     | -                 | (NA)  | (D)                                     | (D)               |
| Marquette .....                | 1     |   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Mason .....                    | 1     | (D)                                     | (D)               | (NA)  | 46,000                                  | (D)               |
| Midland .....                  | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Monroe .....                   | 9     | (D)                                     | (D)               | (NA)  | 406,000                                 | 5                 |
| Montcalm .....                 | 1     |   | (D)               | (NA)  | (D)                                     | (D)               |
| Montmorency .....              | 1     |   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Muskegon .....                 | 6     | (D)                                     | (D)               | (NA)  | 108,400                                 | (D)               |
| Newaygo .....                  | 3     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Oakland .....                  | 15    | 224,070                                 | (D)               | (NA)  | 437,356                                 | 10                |
| Ogemaw .....                   | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Ottawa .....                   | 28    | 708,471                                 | 4                 | (NA)  | 889,580                                 | (D)               |
| Saginaw .....                  | 8     | 134,236                                 | (D)               | (NA)  | (D)                                     | 1                 |
| St. Clair .....                | 15    | (D)                                     | (D)               | (NA)  | (D)                                     | -                 |
| St. Joseph .....               | 4     | 11,100                                  | (D)               | (NA)  | 19,288                                  | -                 |
| Schoolcraft .....              | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Shiawassee .....               | 1     |   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Tuscola .....                  | 6     | 18,000                                  | (D)               | (NA)  | (D)                                     | -                 |
| Van Buren .....                | 14    | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Washtenaw .....                | 8     | 267,499                                 | (D)               | (NA)  | 582,092                                 | 3                 |
| Wayne .....                    | 18    | 1,099,116                               | -                 | (NA)  | 629,600                                 | 5                 |
| Wexford .....                  | 1     |   | (D)               | (NA)  | (NA)                                    | (NA)              |
| <b>AQUATIC PLANTS</b>          |       |   |                   |       |   |                   |
| <b>State Total</b>             |       |   |                   |       |   |                   |
| Michigan .....                 | 33    | 323,360                                 | 23                | (NA)  | (NA)                                    | (NA)              |
| <b>Counties</b>                |       |   |                   |       |   |                   |
| Allegan .....                  | 1     |   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Bay .....                      | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Benzie .....                   | 1     |   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Berrien .....                  | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Emmet .....                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Genesee .....                  | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Kent .....                     | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Lapeer .....                   | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Macomb .....                   | 3     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Mason .....                    | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Monroe .....                   | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Oakland .....                  | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Otsego .....                   | 2     |   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ottawa .....                   | 5     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Saginaw .....                  | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| St. Joseph .....               | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Washtenaw .....                | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Wayne .....                    | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |

--continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                                 | 2002  |   |                   | 1997  |   |                   |
|---|-------|---|-------------------|-------|---|-------------------|
|   | Farms | Sq. ft. under glass or other protection | Acres in the open | Farms | Sq. ft. under glass or other protection | Acres in the open |
| <b>BULBS, CORMS, RHIZOMES, AND TUBERS - DRY</b> |       |   |                   |       |   |                   |
| <b>State Total</b>                              |       |   |                   |       |   |                   |
| Michigan .....                                  | 64    | 379,768                                 | 581               | (NA)  | 494,784                                 | 183               |
| <b>Counties</b>                                 |       |   |                   |       |   |                   |
| Allegan .....                                   | 3     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Antrim .....                                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Barry .....                                     | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Bay .....                                       | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Benzie .....                                    | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Berrien .....                                   | 3     | -                                       | (D)               | (NA)  | (D)                                     | 75                |
| Cass .....                                      | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Charlevoix .....                                | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Cheboygan .....                                 | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Clinton .....                                   | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Crawford .....                                  | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Delta .....                                     | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Genesee .....                                   | 4     | (D)                                     | 5                 | (NA)  | (NA)                                    | (NA)              |
| Grand Traverse .....                            | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Gratiot .....                                   | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Ingham .....                                    | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ionia .....                                     | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (D)               |
| Iosco .....                                     | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Jackson .....                                   | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Kalamazoo .....                                 | 3     | (D)                                     | (D)               | (NA)  | (D)                                     | 2                 |
| Kent .....                                      | 4     | (D)                                     | (D)               | (NA)  | 276,520                                 | -                 |
| Lapeer .....                                    | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Leelanau .....                                  | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Macomb .....                                    | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Monroe .....                                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Montcalm .....                                  | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Montmorency .....                               | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Muskegon .....                                  | 3     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Newaygo .....                                   | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Oakland .....                                   | 1     | (D)                                     | -                 | (NA)  | (D)                                     | (D)               |
| Ogemaw .....                                    | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Saginaw .....                                   | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| St. Clair .....                                 | 4     | (D)                                     | (D)               | (NA)  | -                                       | (D)               |
| St. Joseph .....                                | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Sanilac .....                                   | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Shiawassee .....                                | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Washtenaw .....                                 | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Wayne .....                                     | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| <b>FLOWER SEEDS</b>                             |       |   |                   |       |   |                   |
| <b>State Total</b>                              |       |   |                   |       |   |                   |
| Michigan .....                                  | 26    | 170,624                                 | 39                | (NA)  | (NA)                                    | (NA)              |
| <b>Counties</b>                                 |       |   |                   |       |   |                   |
| Benzie .....                                    | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Berrien .....                                   | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Grand Traverse .....                            | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Gratiot .....                                   | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Houghton .....                                  | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Ingham .....                                    | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ionia .....                                     | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Kalamazoo .....                                 | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Kent .....                                      | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Lapeer .....                                    | 3     | 17,780                                  | -                 | (NA)  | (NA)                                    | (NA)              |
| Leelanau .....                                  | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Macomb .....                                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Monroe .....                                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Montcalm .....                                  | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Oakland .....                                   | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Saginaw .....                                   | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| St. Clair .....                                 | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Sanilac .....                                   | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Schoolcraft .....                               | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Washtenaw .....                                 | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| <b>GREENHOUSE VEGETABLES</b>                    |       |   |                   |       |   |                   |
| <b>State Total</b>                              |       |   |                   |       |   |                   |
| Michigan .....                                  | 111   | 1,057,297                               | (X)               | 71    | 483,989                                 | (X)               |
| <b>Counties</b>                                 |       |   |                   |       |   |                   |
| Alcona .....                                    | 2     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Allegan .....                                   | 6     | 8,432                                   | (X)               | (NA)  | (NA)                                    | (NA)              |
| Antrim .....                                    | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Berrien .....                                   | 2     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Branch .....                                    | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Calhoun .....                                   | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Cass .....                                      | 9     | 69,357                                  | (X)               | 4     | 28,500                                  | (X)               |
| Eaton .....                                     | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Emmet .....                                     | 3     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Genesee .....                                   | 2     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Grand Traverse .....                            | 4     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |

--continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                     | 2002  |   |                   | 1997  |   |                   |
|-------------------------------------|-------|---|-------------------|-------|---|-------------------|
|                                     | Farms | Sq. ft. under glass or other protection | Acres in the open | Farms | Sq. ft. under glass or other protection | Acres in the open |
| <b>GREENHOUSE VEGETABLES - Con.</b> |       |   |                   |       |   |                   |
| <b>Counties - Con.</b>              |       |   |                   |       |   |                   |
| Gratiot . . . . .                   | 2     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Hillsdale . . . . .                 | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Houghton . . . . .                  | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Huron . . . . .                     | 3     | 10,400                                  | (X)               | (NA)  | (NA)                                    | (NA)              |
| Ingham . . . . .                    | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Iosco . . . . .                     | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Jackson . . . . .                   | 5     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Kalamazoo . . . . .                 | 2     | (D)                                     | (X)               | 3     | (D)                                     | (X)               |
| Kalkaska . . . . .                  | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Kent . . . . .                      | 5     | 60,194                                  | (X)               | (NA)  | (NA)                                    | (NA)              |
| Lapeer . . . . .                    | 2     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Leelanau . . . . .                  | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Lenawee . . . . .                   | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Macomb . . . . .                    | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Manistee . . . . .                  | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Mason . . . . .                     | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Mecosta . . . . .                   | 3     | 1,152                                   | (X)               | (NA)  | (NA)                                    | (NA)              |
| Midland . . . . .                   | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Monroe . . . . .                    | 2     | (D)                                     | (X)               | 4     | 3,200                                   | (X)               |
| Montcalm . . . . .                  | 3     | 6,100                                   | (X)               | (NA)  | (NA)                                    | (NA)              |
| Newaygo . . . . .                   | 2     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Oakland . . . . .                   | 5     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Oceana . . . . .                    | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Oscoda . . . . .                    | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Ottawa . . . . .                    | 7     | 73,700                                  | (X)               | 7     | (D)                                     | (X)               |
| Roscommon . . . . .                 | 2     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| St. Clair . . . . .                 | 3     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| St. Joseph . . . . .                | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Shiawassee . . . . .                | 1     | (D)                                     | (X)               | (NA)  | (NA)                                    | (NA)              |
| Van Buren . . . . .                 | 7     | 292,512                                 | (X)               | (NA)  | (NA)                                    | (NA)              |
| Washtenaw . . . . .                 | 3     | (D)                                     | (X)               | 4     | (D)                                     | (X)               |
| Wayne . . . . .                     | 5     | 65,134                                  | (X)               | 4     | 54,500                                  | (X)               |
| Wexford . . . . .                   | 3     | 2,616                                   | (X)               | (NA)  | (NA)                                    | (NA)              |
| <b>MUSHROOMS</b>                    |       |   |                   |       |   |                   |
| <b>State Total</b>                  |       |   |                   |       |   |                   |
| Michigan . . . . .                  | 4     | (D)                                     | -                 | 5     | (D)                                     | (X)               |
| <b>Counties</b>                     |       |   |                   |       |   |                   |
| Allegan . . . . .                   | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Berrien . . . . .                   | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Marquette . . . . .                 | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Monroe . . . . .                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| <b>NURSERY STOCK (SEE TEXT)</b>     |       |   |                   |       |   |                   |
| <b>State Total</b>                  |       |   |                   |       |   |                   |
| Michigan . . . . .                  | 928   | 10,017,485                              | 22,018            | (NA)  | 15,285,993                              | 18,048            |
| <b>Counties</b>                     |       |   |                   |       |   |                   |
| Alcona . . . . .                    | 5     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Alger . . . . .                     | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Alegan . . . . .                    | 48    | (D)                                     | 2,962             | (NA)  | 289,284                                 | 1,143             |
| Alpena . . . . .                    | 2     | -                                       | (D)               | (NA)  | -                                       | 10                |
| Antrim . . . . .                    | 9     | (D)                                     | (D)               | (NA)  | (D)                                     | 62                |
| Baraga . . . . .                    | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Barry . . . . .                     | 1     | -                                       | (D)               | (NA)  | -                                       | 17                |
| Bay . . . . .                       | 6     | -                                       | 130               | (NA)  | (D)                                     | 187               |
| Benzie . . . . .                    | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Berrien . . . . .                   | 37    | (D)                                     | 458               | (NA)  | 59,216                                  | 553               |
| Branch . . . . .                    | 4     | -                                       | 20                | (NA)  | (NA)                                    | (NA)              |
| Calhoun . . . . .                   | 12    | (D)                                     | (D)               | (NA)  | 44,400                                  | 529               |
| Cass . . . . .                      | 14    | 5,400                                   | 50                | (NA)  | 8,282                                   | 92                |
| Charlevoix . . . . .                | 2     | -                                       | (D)               | (NA)  | -                                       | 13                |
| Cheboygan . . . . .                 | 8     | (D)                                     | 131               | (NA)  | (D)                                     | 66                |
| Chippewa . . . . .                  | 5     | -                                       | 218               | (NA)  | (D)                                     | -                 |
| Clare . . . . .                     | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Clinton . . . . .                   | 26    | (D)                                     | (D)               | (NA)  | (D)                                     | 147               |
| Delta . . . . .                     | 5     | -                                       | (D)               | (NA)  | -                                       | 17                |
| Dickinson . . . . .                 | 4     | (D)                                     | 11                | (NA)  | (NA)                                    | (NA)              |
| Eaton . . . . .                     | 18    | (D)                                     | (D)               | (NA)  | (D)                                     | 140               |
| Emmet . . . . .                     | 5     | (D)                                     | (D)               | (NA)  | -                                       | (D)               |
| Genesee . . . . .                   | 24    | (D)                                     | (D)               | (NA)  | (D)                                     | 209               |
| Gladwin . . . . .                   | 6     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Gogebic . . . . .                   | 4     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Grand Traverse . . . . .            | 5     | -                                       | (D)               | (NA)  | -                                       | 32                |
| Gratiot . . . . .                   | 9     | (D)                                     | 32                | (NA)  | -                                       | 55                |
| Hillsdale . . . . .                 | 4     | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Huron . . . . .                     | 4     | (D)                                     | (D)               | (NA)  | -                                       | 19                |
| Ingham . . . . .                    | 24    | (D)                                     | (D)               | (NA)  | 8,576                                   | 210               |
| Ionia . . . . .                     | 13    | -                                       | (D)               | (NA)  | (D)                                     | 113               |
| Iosco . . . . .                     | 3     | (D)                                     | 7                 | (NA)  | (NA)                                    | (NA)              |
| Iron . . . . .                      | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Isabella . . . . .                  | 9     | -                                       | 178               | (NA)  | (D)                                     | (D)               |
| Jackson . . . . .                   | 29    | -                                       | 322               | (NA)  | -                                       | 192               |

--continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                        | 2002  |   |                   | 1997  |   |                   |
|--|-------|---|-------------------|-------|---|-------------------|
|  | Farms | Sq. ft. under glass or other protection | Acres in the open | Farms | Sq. ft. under glass or other protection | Acres in the open |
| <b>NURSERY STOCK (SEE TEXT) - Con.</b> |       |   |                   |       |   |                   |
| <b>Counties - Con.</b>                 |       |   |                   |       |   |                   |
| Kalamazoo .....                        | 21    | (D)                                     | 237               | (NA)  | (D)                                     | 154               |
| Kalkaska .....                         | 7     | -                                       | (D)               | (NA)  | (D)                                     | (D)               |
| Kent .....                             | 30    | (D)                                     | 346               | (NA)  | 81,320                                  | 310               |
| Lake .....                             | 5     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Lapeer .....                           | 26    | (D)                                     | (D)               | (NA)  | (D)                                     | 340               |
| Leelanau .....                         | 22    | -                                       | 265               | (NA)  | -                                       | 52                |
| Lenawee .....                          | 16    | (D)                                     | 187               | (NA)  | (D)                                     | 121               |
| Livingston .....                       | 40    | (D)                                     | (D)               | (NA)  | 74,000                                  | 644               |
| Luce .....                             | 1     | -                                       | (D)               | (NA)  | (D)                                     | (D)               |
| Macomb .....                           | 20    | (D)                                     | 516               | (NA)  | (D)                                     | 446               |
| Manistee .....                         | 11    | (D)                                     | (D)               | (NA)  | (D)                                     | (D)               |
| Marquette .....                        | 3     | -                                       | (D)               | (NA)  | -                                       | (D)               |
| Mason .....                            | 15    | (D)                                     | 443               | (NA)  | (D)                                     | 793               |
| Mecosta .....                          | 4     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Menominee .....                        | 3     | -                                       | (D)               | (NA)  | -                                       | (D)               |
| Midland .....                          | 2     | (D)                                     | (D)               | (NA)  | (D)                                     | 6                 |
| Missaukee .....                        | 14    | -                                       | (D)               | (NA)  | -                                       | (D)               |
| Monroe .....                           | 29    | 24,953                                  | (D)               | (NA)  | 35,488                                  | 247               |
| Montcalm .....                         | 15    | (D)                                     | 1,095             | (NA)  | -                                       | 444               |
| Montmorency .....                      | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Muskegon .....                         | 15    | (D)                                     | 61                | (NA)  | (D)                                     | 39                |
| Newaygo .....                          | 12    | -                                       | (D)               | (NA)  | -                                       | (D)               |
| Oakland .....                          | 22    | -                                       | (D)               | (NA)  | (D)                                     | 427               |
| Oceana .....                           | 8     | -                                       | (D)               | (NA)  | -                                       | (D)               |
| Ogemaw .....                           | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Osceola .....                          | 5     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Otsego .....                           | 5     | -                                       | (D)               | (NA)  | -                                       | (D)               |
| Ottawa .....                           | 63    | (D)                                     | 5,511             | (NA)  | 13,865,249                              | 6,627             |
| Presque Isle .....                     | 2     | -                                       | (D)               | (NA)  | -                                       | (D)               |
| Roscommon .....                        | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Saginaw .....                          | 18    | (D)                                     | 700               | (NA)  | 25,010                                  | (D)               |
| St. Clair .....                        | 23    | 11,517                                  | (D)               | (NA)  | (D)                                     | 320               |
| St. Joseph .....                       | 4     | (D)                                     | 53                | (NA)  | (D)                                     | 38                |
| Sanilac .....                          | 9     | -                                       | (D)               | (NA)  | -                                       | 186               |
| Shiawassee .....                       | 11    | (D)                                     | (D)               | (NA)  | (D)                                     | 328               |
| Tuscola .....                          | 13    | -                                       | (D)               | (NA)  | -                                       | 21                |
| Van Buren .....                        | 32    | (D)                                     | (D)               | (NA)  | 106,936                                 | 658               |
| Washtenaw .....                        | 31    | (D)                                     | 278               | (NA)  | 10,897                                  | 408               |
| Wayne .....                            | 9     | -                                       | 61                | (NA)  | 94,000                                  | 118               |
| Wexford .....                          | 4     | -                                       | (D)               | (NA)  | (D)                                     | (D)               |
| <b>SOD HARVESTED</b>                   |       |   |                   |       |   |                   |
| <b>State Total</b>                     |       |   |                   |       |   |                   |
| Michigan .....                         | 54    | (X)                                     | 10,262            | 63    | (X)                                     | 8,582             |
| <b>Counties</b>                        |       |   |                   |       |   |                   |
| Calhoun .....                          | 1     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Cheboygan .....                        | 1     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Clinton .....                          | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Eaton .....                            | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Genesee .....                          | 1     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ingham .....                           | 6     | (X)                                     | 908               | 5     | (X)                                     | 1,755             |
| Ionia .....                            | 1     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Lapeer .....                           | 3     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Livingston .....                       | 6     | (X)                                     | 540               | 8     | (X)                                     | 373               |
| Macomb .....                           | 5     | (X)                                     | 1,529             | 5     | (X)                                     | 806               |
| Mason .....                            | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Monroe .....                           | 1     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Oakland .....                          | 1     | (X)                                     | (D)               | 6     | (X)                                     | (D)               |
| Ottawa .....                           | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Saginaw .....                          | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| St. Clair .....                        | 2     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Sanilac .....                          | 4     | (X)                                     | 1,185             | 4     | (X)                                     | (D)               |
| Shiawassee .....                       | 3     | (X)                                     | (D)               | 3     | (X)                                     | (D)               |
| Tuscola .....                          | 1     | (X)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Washtenaw .....                        | 4     | (X)                                     | 225               | 4     | (X)                                     | (D)               |
| Wayne .....                            | 4     | (X)                                     | (D)               | 6     | (X)                                     | 650               |
| <b>VEGETABLE SEEDS</b>                 |       |   |                   |       |   |                   |
| <b>State Total</b>                     |       |   |                   |       |   |                   |
| Michigan .....                         | 48    | (D)                                     | 285               | (NA)  | (NA)                                    | (NA)              |
| <b>Counties</b>                        |       |   |                   |       |   |                   |
| Berrien .....                          | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Branch .....                           | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Cass .....                             | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Cheboygan .....                        | 4     | -                                       | 4                 | (NA)  | (NA)                                    | (NA)              |
| Delta .....                            | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Grand Traverse .....                   | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Houghton .....                         | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Iosco .....                            | 1     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Jackson .....                          | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Kent .....                             | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Lapeer .....                           | 3     | 16,360                                  | -                 | (NA)  | (NA)                                    | (NA)              |

--continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area                           | 2002  |   |                   | 1997  |   |                   |
|---|-------|---|-------------------|-------|---|-------------------|
|   | Farms | Sq. ft. under glass or other protection | Acres in the open | Farms | Sq. ft. under glass or other protection | Acres in the open |
| <b>VEGETABLE SEEDS - Con.</b>             |       |   |                   |       |   |                   |
| <b>Counties - Con.</b>                    |       |   |                   |       |   |                   |
| Leelanau                                  | 3     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Livingston                                | 3     | 3                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Macomb                                    | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Mecosta                                   | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Montmorency                               | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Newaygo                                   | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Otsego                                    | 3     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ottawa                                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Saginaw                                   | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| St. Clair                                 | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Tuscola                                   | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Van Buren                                 | 2     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| <b>OTHER NURSERY AND GREENHOUSE CROPS</b> |       |   |                   |       |   |                   |
| <b>State Total</b>                        |       |   |                   |       |   |                   |
| Michigan                                  | 65    | 347,970                                 | 514               | (NA)  | (NA)                                    | (NA)              |
| <b>Counties</b>                           |       |   |                   |       |   |                   |
| Alligan                                   | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Antrim                                    | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Berrien                                   | 7     | (D)                                     | 41                | (NA)  | (NA)                                    | (NA)              |
| Calhoun                                   | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Cass                                      | 4     | 3,000                                   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Cheboygan                                 | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Delta                                     | 2     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ingham                                    | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Kalamazoo                                 | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Kent                                      | 4     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Leelanau                                  | 5     | (D)                                     | 14                | (NA)  | (NA)                                    | (NA)              |
| Lenawee                                   | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Livingston                                | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Macomb                                    | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Missaukee                                 | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Monroe                                    | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Newaygo                                   | 1     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Oakland                                   | 2     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Oceana                                    | 3     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Ottawa                                    | 5     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Saginaw                                   | 3     | (D)                                     | -                 | (NA)  | (NA)                                    | (NA)              |
| Van Buren                                 | 6     | (D)                                     | (D)               | (NA)  | (NA)                                    | (NA)              |
| Washtenaw                                 | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |
| Wayne                                     | 4     | 3,000                                   | (D)               | (NA)  | (NA)                                    | (NA)              |
| Wexford                                   | 1     | -                                       | (D)               | (NA)  | (NA)                                    | (NA)              |

**Table 35. Woodland Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan           | Alcona         | Alger            | Allegan          | Alpena         | Antrim          | Arenac        |
|--|--------------------|----------------|------------------|------------------|----------------|-----------------|---------------|
| Cut Christmas trees (see text) ..... farms, 2002<br>1997 | 1,798<br>(NA)      | 16<br>(NA)     | 1<br>(NA)        | 49<br>(NA)       | 21<br>(NA)     | 35<br>(NA)      | 13<br>(NA)    |
| Acres in production ..... 2002<br>1997                   | 60,520<br>(NA)     | 568<br>(NA)    | (D)<br>(NA)      | 1,965<br>(NA)    | 306<br>(NA)    | 1,266<br>(NA)   | 170<br>(NA)   |
| Number of trees cut ..... 2002<br>1997                   | 2,380,173<br>(NA)  | 4,818<br>(NA)  | (D)<br>(NA)      | 141,439<br>(NA)  | 3,784<br>(NA)  | 33,296<br>(NA)  | 2,160<br>(NA) |
| Short-rotation woody crops ..... farms, 2002<br>1997     | 422<br>(NA)        | 5<br>(NA)      | -<br>(NA)        | 12<br>(NA)       | 6<br>(NA)      | 12<br>(NA)      | 5<br>(NA)     |
| Acres in production ..... 2002<br>1997                   | 10,966<br>(NA)     | 127<br>(NA)    | -<br>(NA)        | 957<br>(NA)      | 136<br>(NA)    | 259<br>(NA)     | (D)<br>(NA)   |
| Acres harvested ..... 2002<br>1997                       | 1,482<br>(NA)      | (D)<br>(NA)    | -<br>(NA)        | 60<br>(NA)       | (D)<br>(NA)    | 8<br>(NA)       | (D)<br>(NA)   |
| Maple syrup (see text) ..... farms, 2002<br>1997         | 560<br>326         | 4<br>1         | 3<br>2           | 16<br>7          | 7<br>4         | 17<br>8         | -<br>(NA)     |
| Number of taps ..... 2002<br>1997                        | 404,174<br>379,462 | 1,750<br>(D)   | (D)<br>(NA)      | 6,479<br>3,130   | 4,843<br>2,460 | 8,365<br>4,028  | -<br>(NA)     |
| Gallons produced ..... 2002<br>1997                      | 85,560<br>(NA)     | 485<br>(NA)    | (D)<br>(NA)      | 1,367<br>(NA)    | 1,619<br>(NA)  | 2,002<br>(NA)   | -<br>(NA)     |
| Item   | Baraga             | Barry          | Bay              | Benzie           | Berrien        | Branch          | Cahoun        |
| Cut Christmas trees (see text) ..... farms, 2002<br>1997 | 3<br>(NA)          | 24<br>(NA)     | 19<br>(NA)       | 14<br>(NA)       | 50<br>(NA)     | 4<br>(NA)       | 13<br>(NA)    |
| Acres in production ..... 2002<br>1997                   | 306<br>(NA)        | 306<br>(NA)    | 178<br>(NA)      | 643<br>(NA)      | 397<br>(NA)    | 40<br>(NA)      | 571<br>(NA)   |
| Number of trees cut ..... 2002<br>1997                   | -<br>(NA)          | 264<br>(NA)    | 3,775<br>(NA)    | 19,431<br>(NA)   | 2,986<br>(NA)  | (D)<br>(NA)     | (D)<br>(NA)   |
| Short-rotation woody crops ..... farms, 2002<br>1997     | -<br>(NA)          | 9<br>(NA)      | 2<br>(NA)        | 1<br>(NA)        | 5<br>(NA)      | 4<br>(NA)       | 5<br>(NA)     |
| Acres in production ..... 2002<br>1997                   | -<br>(NA)          | 149<br>(NA)    | (D)<br>(NA)      | (D)<br>(NA)      | 29<br>(NA)     | 26<br>(NA)      | 68<br>(NA)    |
| Acres harvested ..... 2002<br>1997                       | -<br>(NA)          | -<br>(NA)      | -<br>(NA)        | -<br>(NA)        | 3<br>(NA)      | 15<br>(NA)      | -<br>(NA)     |
| Maple syrup (see text) ..... farms, 2002<br>1997         | 5<br>4             | 13<br>4        | 3<br>(NA)        | 14<br>10         | 5<br>1         | 1<br>1          | 9<br>5        |
| Number of taps ..... 2002<br>1997                        | 1,827<br>15,885    | 4,234<br>(D)   | (D)<br>(NA)      | 8,275<br>6,028   | 1,110<br>(D)   | (D)<br>(D)      | 3,835<br>(D)  |
| Gallons produced ..... 2002<br>1997                      | 242<br>(NA)        | 1,049<br>(NA)  | (D)<br>(NA)      | 1,587<br>(NA)    | 360<br>(NA)    | (D)<br>(NA)     | 1,058<br>(NA) |
| Item   | Cass               | Charlevoix     | Cheboygan        | Chippewa         | Clare          | Clinton         | Crawford      |
| Cut Christmas trees (see text) ..... farms, 2002<br>1997 | 20<br>(NA)         | 17<br>(NA)     | 26<br>(NA)       | 19<br>(NA)       | 13<br>(NA)     | 28<br>(NA)      | 4<br>(NA)     |
| Acres in production ..... 2002<br>1997                   | 283<br>(NA)        | 254<br>(NA)    | 1,124<br>(NA)    | 505<br>(NA)      | 208<br>(NA)    | 657<br>(NA)     | 26<br>(NA)    |
| Number of trees cut ..... 2002<br>1997                   | 9,409<br>(NA)      | 362<br>(NA)    | 38,977<br>(NA)   | 4,812<br>(NA)    | (D)<br>(NA)    | 5,526<br>(NA)   | -<br>(NA)     |
| Short-rotation woody crops ..... farms, 2002<br>1997     | 7<br>(NA)          | -<br>(NA)      | 4<br>(NA)        | 6<br>(NA)        | 8<br>(NA)      | 12<br>(NA)      | -<br>(NA)     |
| Acres in production ..... 2002<br>1997                   | 155<br>(NA)        | -<br>(NA)      | 81<br>(NA)       | 254<br>(NA)      | 659<br>(NA)    | 312<br>(NA)     | -<br>(NA)     |
| Acres harvested ..... 2002<br>1997                       | (D)<br>(NA)        | -<br>(NA)      | (D)<br>(NA)      | (D)<br>(NA)      | (D)<br>(NA)    | (D)<br>(NA)     | -<br>(NA)     |
| Maple syrup (see text) ..... farms, 2002<br>1997         | 6<br>7             | 6<br>8         | 13<br>8          | 13<br>10         | 9<br>3         | 8<br>9          | -<br>(NA)     |
| Number of taps ..... 2002<br>1997                        | 2,225<br>3,920     | 5,665<br>7,746 | 19,550<br>22,250 | 32,480<br>21,280 | 9,430<br>2,919 | 4,498<br>8,820  | -<br>(NA)     |
| Gallons produced ..... 2002<br>1997                      | 491<br>(NA)        | 1,789<br>(NA)  | 5,309<br>(NA)    | 3,847<br>(NA)    | 2,149<br>(NA)  | 1,067<br>(NA)   | -<br>(NA)     |
| Item   | Delta              | Dickinson      | Eaton            | Emmet            | Genesee        | Gladwin         | Gogebic       |
| Cut Christmas trees (see text) ..... farms, 2002<br>1997 | 11<br>(NA)         | 21<br>(NA)     | 40<br>(NA)       | 7<br>(NA)        | 29<br>(NA)     | 12<br>(NA)      | 6<br>(NA)     |
| Acres in production ..... 2002<br>1997                   | 344<br>(NA)        | 495<br>(NA)    | 379<br>(NA)      | 117<br>(NA)      | 316<br>(NA)    | 169<br>(NA)     | 83<br>(NA)    |
| Number of trees cut ..... 2002<br>1997                   | 12,540<br>(NA)     | 11,329<br>(NA) | 6,214<br>(NA)    | 1,135<br>(NA)    | 4,958<br>(NA)  | 530<br>(NA)     | (D)<br>(NA)   |
| Short-rotation woody crops ..... farms, 2002<br>1997     | 2<br>(NA)          | 1<br>(NA)      | 9<br>(NA)        | 5<br>(NA)        | 8<br>(NA)      | 2<br>(NA)       | -<br>(NA)     |
| Acres in production ..... 2002<br>1997                   | (D)<br>(NA)        | (D)<br>(NA)    | 120<br>(NA)      | 163<br>(NA)      | (D)<br>(NA)    | (D)<br>(NA)     | -<br>(NA)     |
| Acres harvested ..... 2002<br>1997                       | (D)<br>(NA)        | (D)<br>(NA)    | 18<br>(NA)       | -<br>(NA)        | 7<br>(NA)      | -<br>(NA)       | -<br>(NA)     |
| Maple syrup (see text) ..... farms, 2002<br>1997         | 13<br>6            | 4<br>1         | 16<br>15         | 9<br>9           | 9<br>5         | 8<br>10         | -<br>(NA)     |
| Number of taps ..... 2002<br>1997                        | 5,055<br>5,950     | 1,505<br>(D)   | 11,725<br>7,868  | 5,312<br>4,734   | 1,703<br>1,665 | 2,295<br>10,646 | -<br>(NA)     |
| Gallons produced ..... 2002<br>1997                      | 907<br>(NA)        | 200<br>(NA)    | 3,198<br>(NA)    | 903<br>(NA)      | 376<br>(NA)    | 513<br>(NA)     | -<br>(NA)     |

--continued

**Table 35. Woodland Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Grand Traverse         | Gratiot                  | Hillsdale              | Houghton                 | Huron                  | Ingham                       | Ionia                  | Iosco                  |
|--|------------------------|--------------------------|------------------------|--------------------------|------------------------|------------------------------|------------------------|------------------------|
| Cut Christmas trees (see text) ..... farms, 2002<br>1997 | 32<br>(NA)             | 5<br>(NA)                | 16<br>(NA)             | 8<br>(NA)                | 8<br>(NA)              | 49<br>(NA)                   | 17<br>(NA)             | 2<br>(NA)              |
| Acres in production ..... 2002<br>1997                   | 948<br>(NA)            | 28<br>(NA)               | 224<br>(NA)            | 411<br>(NA)              | 77<br>(NA)             | 697<br>(NA)                  | 218<br>(NA)            | (D)<br>(NA)            |
| Number of trees cut ..... 2002<br>1997                   | 31,440<br>(NA)         | 840<br>(NA)              | 2,300<br>(NA)          | (D)<br>(NA)              | (D)<br>(NA)            | 11,269<br>(NA)               | 2,695<br>(NA)          | (D)<br>(NA)            |
| Short-rotation woody crops ..... farms, 2002<br>1997     | 2<br>(NA)              | 4<br>(NA)                | 7<br>(NA)              | 1<br>(NA)                | 5<br>(NA)              | 7<br>(NA)                    | 8<br>(NA)              | 6<br>(NA)              |
| Acres in production ..... 2002<br>1997                   | (D)<br>(NA)            | (D)<br>(NA)              | 94<br>(NA)             | (D)<br>(NA)              | 60<br>(NA)             | 45<br>(NA)                   | 104<br>(NA)            | 365<br>(NA)            |
| Acres harvested ..... 2002<br>1997                       | (D)<br>(NA)            | -<br>(NA)                | (D)<br>(NA)            | (D)<br>(NA)              | -<br>(NA)              | 14<br>(NA)                   | 12<br>(NA)             | (D)<br>(NA)            |
| Maple syrup (see text) ..... farms, 2002<br>1997         | 7<br>(D)               | 9<br>6<br>(NA)           | 6<br>1<br>(NA)         | 3<br>3<br>(NA)           | -<br>(NA)              | 23<br>11<br>(NA)             | 18<br>6<br>(NA)        | 2<br>1<br>(NA)         |
| Number of taps ..... 2002<br>1997                        | 9,514<br>(D)           | 12,350<br>(NA)           | 1,360<br>(D)           | 30,050<br>420<br>(NA)    | -<br>(NA)              | 16,192<br>9,010<br>(NA)      | 6,325<br>7,000<br>(NA) | (D)<br>(D)<br>(NA)     |
| Gallons produced ..... 2002<br>1997                      | 416<br>(NA)            | 201<br>(NA)              | 5,004<br>(NA)          | -<br>(NA)                | 4,452<br>(NA)          | 1,086<br>(NA)                | -<br>(NA)              | (D)<br>(NA)            |
| Item   | Iron                   | Isabella                 | Jackson                | Kalamazoo                | Kalkaska               | Kent                         | Keweenaw               | Lake                   |
| Cut Christmas trees (see text) ..... farms, 2002<br>1997 | 8<br>(NA)              | 24<br>(NA)               | 31<br>(NA)             | 22<br>(NA)               | 36<br>(NA)             | 19<br>(NA)                   | 3<br>(NA)              | 13<br>(NA)             |
| Acres in production ..... 2002<br>1997                   | 51<br>(NA)             | 687<br>(NA)              | 366<br>(NA)            | 141<br>(NA)              | 1,684<br>(NA)          | 248<br>(NA)                  | 30<br>(NA)             | 303<br>(NA)            |
| Number of trees cut ..... 2002<br>1997                   | -<br>(NA)              | (D)<br>(NA)              | 4,557<br>(NA)          | 1,779<br>(NA)            | 44,091<br>(NA)         | 8,108<br>(NA)                | -<br>(NA)              | 2,783<br>(NA)          |
| Short-rotation woody crops ..... farms, 2002<br>1997     | 4<br>(NA)              | 10<br>(NA)               | 11<br>(NA)             | 9<br>(NA)                | 6<br>(NA)              | 11<br>(NA)                   | -<br>(NA)              | 5<br>(NA)              |
| Acres in production ..... 2002<br>1997                   | 200<br>(NA)            | 158<br>(NA)              | 102<br>(NA)            | 149<br>(NA)              | 230<br>(NA)            | 105<br>(NA)                  | -<br>(NA)              | 159<br>(NA)            |
| Acres harvested ..... 2002<br>1997                       | (D)<br>(NA)            | 9<br>(NA)                | 41<br>(NA)             | 15<br>(NA)               | (D)<br>(NA)            | (D)<br>(NA)                  | -<br>(NA)              | -<br>(NA)              |
| Maple syrup (see text) ..... farms, 2002<br>1997         | 3<br>(D)               | 15<br>7<br>(NA)          | 2<br>1<br>(NA)         | 7<br>5<br>(NA)           | 6<br>7<br>(NA)         | 11<br>8<br>(NA)              | -<br>(NA)              | 2<br>(NA)              |
| Number of taps ..... 2002<br>1997                        | 335<br>655<br>(NA)     | 13,024<br>11,560<br>(NA) | (D)<br>(D)             | 1,549<br>1,720<br>(NA)   | 4,050<br>4,510<br>(NA) | 4,571<br>5,730<br>(NA)       | -<br>(NA)              | (D)<br>(NA)            |
| Gallons produced ..... 2002<br>1997                      | 31<br>(NA)             | 3,143<br>(NA)            | (D)<br>(NA)            | 365<br>(NA)              | 620<br>(NA)            | 1,474<br>(NA)                | -<br>(NA)              | (D)<br>(NA)            |
| Item   | Lapeer                 | Leelanau                 | Lenawee                | Livingston               | Luce                   | Mackinac                     | Macomb                 | Manistee               |
| Cut Christmas trees (see text) ..... farms, 2002<br>1997 | 36<br>(NA)             | 34<br>(NA)               | 6<br>(NA)              | 22<br>(NA)               | 1<br>(NA)              | 2<br>(NA)                    | 8<br>(NA)              | 35<br>(NA)             |
| Acres in production ..... 2002<br>1997                   | 508<br>(NA)            | 693<br>(NA)              | 53<br>(NA)             | 238<br>(NA)              | (D)<br>(NA)            | (D)<br>(NA)                  | 126<br>(NA)            | 2,546<br>(NA)          |
| Number of trees cut ..... 2002<br>1997                   | 5,464<br>(NA)          | 9,726<br>(NA)            | 9,726<br>(NA)          | 1,214<br>(NA)            | 1,673<br>(NA)          | (D)<br>(NA)                  | 10,810<br>(NA)         | 98,909<br>(NA)         |
| Short-rotation woody crops ..... farms, 2002<br>1997     | 12<br>(NA)             | 10<br>(NA)               | 1<br>(NA)              | 12<br>(NA)               | -<br>(NA)              | 1<br>(NA)                    | 4<br>(NA)              | 1<br>(NA)              |
| Acres in production ..... 2002<br>1997                   | 112<br>(NA)            | 138<br>(NA)              | (D)<br>(NA)            | 145<br>(NA)              | -<br>(NA)              | (D)<br>(NA)                  | (D)<br>(NA)            | (D)<br>(NA)            |
| Acres harvested ..... 2002<br>1997                       | 15<br>(NA)             | 92<br>(NA)               | -<br>(NA)              | (D)<br>(NA)              | -<br>(NA)              | -<br>(NA)                    | -<br>(NA)              | (D)<br>(NA)            |
| Maple syrup (see text) ..... farms, 2002<br>1997         | 18<br>12<br>(NA)       | 7<br>4<br>(NA)           | 5<br>(NA)              | 4<br>3<br>(NA)           | -<br>(NA)              | 5<br>6<br>(NA)               | 2<br>1<br>(NA)         | 2<br>2<br>(NA)         |
| Number of taps ..... 2002<br>1997                        | 9,213<br>8,278<br>(NA) | 16,012<br>3,043<br>(NA)  | 271<br>(NA)            | 360<br>750<br>(NA)       | -<br>(NA)              | (D)<br>11,900<br>(D)<br>(NA) | (D)<br>(D)<br>(NA)     | (D)<br>(D)<br>(NA)     |
| Gallons produced ..... 2002<br>1997                      | 1,255<br>(NA)          | 3,043<br>(NA)            | 42<br>(NA)             | 124<br>(NA)              | -<br>(NA)              | (D)<br>(NA)                  | -<br>(NA)              | (D)<br>(NA)            |
| Item   | Marquette              | Mason                    | Mecosta                | Menominee                | Midland                | Missaukee                    | Monroe                 | Montcalm               |
| Cut Christmas trees (see text) ..... farms, 2002<br>1997 | 14<br>(NA)             | 33<br>(NA)               | 18<br>(NA)             | 61<br>(NA)               | 10<br>(NA)             | 73<br>(NA)                   | 29<br>(NA)             | 50<br>(NA)             |
| Acres in production ..... 2002<br>1997                   | 291<br>(NA)            | 1,065<br>(NA)            | 326<br>(NA)            | 2,747<br>(NA)            | 240<br>(NA)            | 9,427<br>(NA)                | 383<br>(NA)            | 3,490<br>(NA)          |
| Number of trees cut ..... 2002<br>1997                   | 3,096<br>(NA)          | 21,280<br>(NA)           | 1,276<br>(NA)          | 32,362<br>(NA)           | 1,482<br>(NA)          | 654,011<br>(NA)              | 7,379<br>(NA)          | 213,350<br>(NA)        |
| Short-rotation woody crops ..... farms, 2002<br>1997     | 4<br>(NA)              | 10<br>(NA)               | 4<br>(NA)              | 1<br>(NA)                | 1<br>(NA)              | 9<br>(NA)                    | 7<br>(NA)              | 14<br>(NA)             |
| Acres in production ..... 2002<br>1997                   | -<br>(NA)              | 35<br>(NA)               | 182<br>(NA)            | (D)<br>(NA)              | (D)<br>(NA)            | 298<br>(NA)                  | 48<br>(NA)             | 178<br>(NA)            |
| Acres harvested ..... 2002<br>1997                       | (D)<br>(NA)            | 20<br>(NA)               | -<br>(NA)              | (D)<br>(NA)              | (D)<br>(NA)            | (D)<br>(NA)                  | 29<br>(NA)             | 8<br>(NA)              |
| Maple syrup (see text) ..... farms, 2002<br>1997         | 5<br>4<br>(NA)         | 9<br>6<br>(NA)           | 23<br>9<br>(NA)        | 15<br>10<br>(NA)         | 7<br>6<br>(NA)         | 8<br>1<br>(NA)               | -<br>(NA)              | 7<br>4<br>(NA)         |
| Number of taps ..... 2002<br>1997                        | 2,770<br>1,260<br>(NA) | 8,005<br>9,956<br>(NA)   | 8,350<br>6,400<br>(NA) | 40,350<br>46,230<br>(NA) | 966<br>(D)<br>(NA)     | 788<br>(D)<br>(NA)           | -<br>(NA)              | 5,011<br>7,210<br>(NA) |
| Gallons produced ..... 2002<br>1997                      | 428<br>(NA)            | 1,982<br>(NA)            | 1,936<br>(NA)          | 6,992<br>(NA)            | 159<br>(NA)            | 182<br>(NA)                  | -<br>(NA)              | 1,256<br>(NA)          |

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**Table 35. Woodland Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency    | Muskegon       | Newaygo        | Oakland       | Oceana          | Ogemaw        | Ontonagon     | Osceola         |
|---|----------------|----------------|----------------|---------------|-----------------|---------------|---------------|-----------------|
| Cut Christmas trees (see text) .... farms, 2002<br>1997 | 7<br>(NA)      | 27<br>(NA)     | 37<br>(NA)     | 35<br>(NA)    | 65<br>(NA)      | 2<br>(NA)     | -<br>(NA)     | 51<br>(NA)      |
| Acres in production .... 2002<br>1997                   | 129<br>(NA)    | 458<br>(NA)    | 1,294<br>(NA)  | 773<br>(NA)   | 4,348<br>(NA)   | (D)<br>(NA)   | -<br>(NA)     | 2,583<br>(NA)   |
| Number of trees cut .... 2002<br>1997                   | 275<br>(NA)    | 4,680<br>(NA)  | 32,586<br>(NA) | 9,358<br>(NA) | 220,566<br>(NA) | (D)<br>(NA)   | -<br>(NA)     | 89,382<br>(NA)  |
| Short-rotation woody crops .... farms, 2002<br>1997     | -<br>(NA)      | 10<br>(NA)     | 9<br>(NA)      | 5<br>(NA)     | 4<br>(NA)       | 1<br>(NA)     | -<br>(NA)     | 9<br>(NA)       |
| Acres in production .... 2002<br>1997                   | -<br>(NA)      | 183<br>(NA)    | 412<br>(NA)    | 5<br>(NA)     | 742<br>(NA)     | (D)<br>(NA)   | -<br>(NA)     | 85<br>(NA)      |
| Acres harvested .... 2002<br>1997                       | -<br>(NA)      | -<br>(NA)      | 29<br>(NA)     | 5<br>(NA)     | (D)<br>(NA)     | -<br>(NA)     | -<br>(NA)     | (D)<br>(NA)     |
| Maple syrup (see text) .... farms, 2002<br>1997         | -<br>(NA)      | -<br>(NA)      | 5<br>(NA)      | 5<br>(NA)     | 15<br>(NA)      | -<br>(NA)     | -<br>(NA)     | 14<br>(NA)      |
| Number of taps .... 2002<br>1997                        | -<br>(NA)      | -<br>(D)       | 520<br>(D)     | 340<br>(D)    | 7,550<br>(D)    | -<br>(NA)     | -<br>(NA)     | 3,303<br>(NA)   |
| Gallons produced .... 2002<br>1997                      | -<br>(NA)      | -<br>(NA)      | 175<br>(NA)    | 54<br>(NA)    | 11,629<br>(NA)  | -<br>(NA)     | -<br>(NA)     | 1,774<br>(NA)   |
| Item  | Oscoda         | Otsego         | Ottawa         | Presque Isle  | Roscommon       | Saginaw       | St. Clair     | St. Joseph      |
| Cut Christmas trees (see text) .... farms, 2002<br>1997 | 1<br>(NA)      | 17<br>(NA)     | 43<br>(NA)     | 11<br>(NA)    | 1<br>(NA)       | 40<br>(NA)    | 27<br>(NA)    | 10<br>(NA)      |
| Acres in production .... 2002<br>1997                   | 363<br>(NA)    | 1,130<br>(NA)  | 129<br>(NA)    | (D)<br>(NA)   | (D)<br>(NA)     | 570<br>(NA)   | 464<br>(NA)   | 81<br>(NA)      |
| Number of trees cut .... 2002<br>1997                   | 2,257<br>(NA)  | 21,263<br>(NA) | (D)<br>(NA)    | (D)<br>(NA)   | (D)<br>(NA)     | 7,713<br>(NA) | 4,609<br>(NA) | 2,382<br>(NA)   |
| Short-rotation woody crops .... farms, 2002<br>1997     | 1<br>(NA)      | 4<br>(NA)      | 14<br>(NA)     | 2<br>(NA)     | -<br>(NA)       | 8<br>(NA)     | 9<br>(NA)     | 1<br>(NA)       |
| Acres in production .... 2002<br>1997                   | 99<br>(NA)     | 200<br>(NA)    | (D)<br>(NA)    | (D)<br>(NA)   | (D)<br>(NA)     | 322<br>(NA)   | 122<br>(NA)   | (D)<br>(NA)     |
| Acres harvested .... 2002<br>1997                       | -<br>(NA)      | -<br>(NA)      | 10<br>(NA)     | -<br>(NA)     | (D)<br>(NA)     | (D)<br>(NA)   | (D)<br>(NA)   | (D)<br>(NA)     |
| Maple syrup (see text) .... farms, 2002<br>1997         | 8<br>(NA)      | 2<br>(NA)      | 7<br>(NA)      | 3<br>(NA)     | 1<br>(NA)       | 4<br>(NA)     | 2<br>(NA)     | 3<br>(NA)       |
| Number of taps .... 2002<br>1997                        | 12,180<br>(NA) | 1,080<br>(NA)  | (D)<br>(NA)    | (D)<br>(NA)   | (D)<br>(NA)     | 910<br>(NA)   | (D)<br>(NA)   | (D)<br>(NA)     |
| Gallons produced .... 2002<br>1997                      | 14,760<br>(NA) | 1,328<br>(NA)  | (D)<br>(NA)    | (D)<br>(NA)   | (D)<br>(NA)     | 205<br>(NA)   | (D)<br>(NA)   | (D)<br>(NA)     |
| Item  | Sanilac        | Schoolcraft    | Shiawassee     | Tuscola       | Van Buren       | Washtenaw     | Wayne         | Wexford         |
| Cut Christmas trees (see text) .... farms, 2002<br>1997 | 18<br>(NA)     | 1<br>(NA)      | 8<br>(NA)      | 17<br>(NA)    | 43<br>(NA)      | 34<br>(NA)    | 2<br>(NA)     | 61<br>(NA)      |
| Acres in production .... 2002<br>1997                   | 288<br>(NA)    | (D)<br>(NA)    | 134<br>(NA)    | 245<br>(NA)   | 1,240<br>(NA)   | 412<br>(NA)   | (D)<br>(NA)   | 5,927<br>(NA)   |
| Number of trees cut .... 2002<br>1997                   | (D)<br>(NA)    | (D)<br>(NA)    | 935<br>(NA)    | 8,576<br>(NA) | 59,912<br>(NA)  | 5,470<br>(NA) | (D)<br>(NA)   | 365,184<br>(NA) |
| Short-rotation woody crops .... farms, 2002<br>1997     | 8<br>(NA)      | -<br>(NA)      | 6<br>(NA)      | 3<br>(NA)     | 5<br>(NA)       | 2<br>(NA)     | 3<br>(NA)     | 2<br>(NA)       |
| Acres in production .... 2002<br>1997                   | 57<br>(NA)     | -<br>(NA)      | 114<br>(NA)    | 9<br>(NA)     | 108<br>(NA)     | (D)<br>(NA)   | (D)<br>(NA)   | (D)<br>(NA)     |
| Acres harvested .... 2002<br>1997                       | -<br>(NA)      | -<br>(NA)      | (D)<br>(NA)    | (D)<br>(NA)   | 18<br>(NA)      | -<br>(NA)     | (D)<br>(NA)   | (D)<br>(NA)     |
| Maple syrup (see text) .... farms, 2002<br>1997         | 11<br>(NA)     | 2<br>(NA)      | -<br>(NA)      | 9<br>(NA)     | 8<br>(NA)       | 4<br>(NA)     | -<br>(NA)     | 15<br>(NA)      |
| Number of taps .... 2002<br>1997                        | 2,922<br>(NA)  | (D)<br>(NA)    | -<br>(D)       | 4,092<br>(D)  | 6,781<br>(D)    | 335<br>(D)    | -<br>(NA)     | 12,090<br>(D)   |
| Gallons produced .... 2002<br>1997                      | 527<br>(NA)    | (D)<br>(NA)    | -<br>(NA)      | 1,199<br>(NA) | 1,117<br>(NA)   | 117<br>(NA)   | -<br>(NA)     | 2,213<br>(NA)   |

**Table 36. Grain Storage Capacity: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | Grain storage capacity<br>(see text) |             |                             | Farms with capacity by North<br>American Industry<br>Classification System |                               |
|----------------------|--------------------------------------|-------------|-----------------------------|--|-------------------------------|
|                      | Farms                                | Bushels     | Average bushels<br>per farm | Crop production<br>(111)   | Animal<br>production<br>(112) |
| <b>STATE TOTAL</b>   |                                      |             |                             |  |                               |
| Michigan .....       | 8,525                                | 204,099,405 | 23,941                      | 5,524  | 3,001                         |
| <b>COUNTIES</b>      |                                      |             |                             |  |                               |
| Alcona .....         | 30                                   | 115,890     | 3,863                       | 15   | 15                            |
| Alger .....          | 8                                    | 48,400      | 6,050                       | 2  | 6                             |
| Allegan .....        | 224                                  | 9,378,933   | 41,870                      | 104  | 120                           |
| Alpena .....         | 111                                  | 821,320     | 7,399                       | 61   | 50                            |
| Antrim .....         | 34                                   | 200,850     | 5,907                       | 19   | 15                            |
| Arenac .....         | 73                                   | 1,653,218   | 22,647                      | 56   | 17                            |
| Baraga .....         | 17                                   | 44,550      | 2,621                       | 9  | 8                             |
| Barry .....          | 134                                  | 4,546,090   | 33,926                      | 80   | 54                            |
| Bay .....            | 134                                  | 3,895,916   | 29,074                      | 120  | 14                            |
| Benzie .....         | 11                                   | 25,160      | 2,287                       | 6  | 5                             |
| Berrien .....        | 164                                  | 4,935,450   | 30,094                      | 142  | 22                            |
| Branch .....         | 252                                  | 9,433,002   | 37,433                      | 186  | 66                            |
| Calhoun .....        | 233                                  | 6,545,796   | 28,094                      | 162  | 71                            |
| Cass .....           | 182                                  | 8,347,818   | 45,867                      | 125  | 57                            |
| Charlevoix .....     | 28                                   | 167,510     | 5,983                       | 13   | 15                            |
| Cheboygan .....      | 29                                   | 86,160      | 2,971                       | 11   | 18                            |
| Chippewa .....       | 87                                   | 335,104     | 3,852                       | 44   | 43                            |
| Clare .....          | 48                                   | 316,250     | 6,589                       | 27   | 21                            |
| Clinton .....        | 242                                  | 6,385,994   | 26,388                      | 156  | 86                            |
| Crawford .....       | 1                                    | (D)         | (D)                         | -  | 1                             |
| Delta .....          | 48                                   | 302,765     | 6,308                       | 22   | 26                            |
| Dickinson .....      | 18                                   | 91,180      | 5,066                       | 9  | 9                             |
| Eaton .....          | 160                                  | 5,548,967   | 34,681                      | 118  | 42                            |
| Emmet .....          | 47                                   | 327,630     | 6,971                       | 18   | 29                            |
| Genesee .....        | 138                                  | 3,551,817   | 25,738                      | 92   | 46                            |
| Gladwin .....        | 104                                  | 926,000     | 8,904                       | 49   | 55                            |
| Gogebic .....        | 3                                    | (D)         | (D)                         | 1  | 2                             |
| Grand Traverse ..... | 56                                   | 671,450     | 11,990                      | 32   | 24                            |
| Gratiot .....        | 191                                  | 6,288,072   | 32,922                      | 146  | 45                            |
| Hillsdale .....      | 217                                  | 5,148,491   | 23,726                      | 138  | 79                            |
| Houghton .....       | 17                                   | 63,400      | 3,729                       | 9  | 8                             |
| Huron .....          | 238                                  | 6,736,551   | 28,305                      | 146  | 92                            |
| Ingham .....         | 147                                  | 4,628,557   | 31,487                      | 84   | 63                            |
| Ionia .....          | 224                                  | 6,526,400   | 29,136                      | 127  | 97                            |
| Iosco .....          | 53                                   | 560,820     | 10,582                      | 21   | 32                            |
| Iron .....           | 17                                   | 124,200     | 7,306                       | 11   | 6                             |
| Isabella .....       | 158                                  | 3,300,735   | 20,891                      | 104  | 54                            |
| Jackson .....        | 169                                  | 4,329,235   | 25,617                      | 113  | 56                            |
| Kalamazoo .....      | 159                                  | 4,624,425   | 29,084                      | 114  | 45                            |
| Kalkaska .....       | 21                                   | 111,000     | 5,286                       | 11   | 10                            |
| Kent .....           | 139                                  | 3,216,843   | 23,143                      | 75   | 64                            |
| Lake .....           | 10                                   | 26,200      | 2,620                       | 5  | 5                             |
| Lapeer .....         | 191                                  | 3,923,146   | 20,540                      | 115  | 76                            |
| Leelanau .....       | 31                                   | 137,500     | 4,435                       | 12   | 19                            |
| Lenawee .....        | 270                                  | 9,578,858   | 35,477                      | 225  | 45                            |
| Livingston .....     | 93                                   | 2,453,110   | 26,378                      | 61   | 32                            |
| Luce .....           | 4                                    | 13,800      | 3,450                       | -  | 4                             |
| Mackinac .....       | 10                                   | 44,680      | 4,468                       | 1  | 9                             |
| Macomb .....         | 69                                   | 1,514,138   | 21,944                      | 57   | 12                            |
| Manistee .....       | 27                                   | 118,540     | 4,390                       | 12   | 15                            |
| Marquette .....      | 13                                   | 39,300      | 3,023                       | 7  | 6                             |
| Mason .....          | 63                                   | 923,984     | 14,666                      | 37   | 26                            |
| Mecosta .....        | 108                                  | 838,785     | 7,767                       | 43   | 65                            |
| Menominee .....      | 81                                   | 553,065     | 6,828                       | 28   | 53                            |
| Midland .....        | 70                                   | 1,351,727   | 19,310                      | 56   | 14                            |
| Missaukee .....      | 33                                   | 305,352     | 9,253                       | 14   | 19                            |
| Monroe .....         | 168                                  | 4,438,365   | 26,419                      | 155  | 13                            |
| Montcalm .....       | 176                                  | 3,082,410   | 17,514                      | 96   | 80                            |
| Montmorency .....    | 27                                   | 255,550     | 9,465                       | 11   | 16                            |
| Muskegon .....       | 45                                   | 818,500     | 18,189                      | 19   | 26                            |
| Newaygo .....        | 122                                  | 1,480,268   | 12,133                      | 50   | 72                            |
| Oakland .....        | 25                                   | 555,980     | 22,239                      | 22   | 3                             |
| Oceana .....         | 62                                   | 733,130     | 11,825                      | 38   | 24                            |
| Ogemaw .....         | 52                                   | 603,952     | 11,614                      | 19   | 33                            |
| Ontonagon .....      | 30                                   | 63,030      | 2,101                       | 15   | 15                            |
| Osceola .....        | 55                                   | 215,694     | 3,922                       | 18   | 37                            |
| Oscoda .....         | 17                                   | 44,400      | 2,612                       | 1  | 16                            |
| Otsego .....         | 34                                   | 141,195     | 4,153                       | 24   | 10                            |
| Ottawa .....         | 165                                  | 4,988,334   | 30,232                      | 72   | 93                            |
| Presque Isle .....   | 82                                   | 493,893     | 6,023                       | 55   | 27                            |
| Roscommon .....      | 3                                    | (D)         | (D)                         | 2  | 1                             |
| Saginaw .....        | 272                                  | 5,418,290   | 19,920                      | 225  | 47                            |
| St. Clair .....      | 191                                  | 4,060,318   | 21,258                      | 151  | 40                            |
| St. Joseph .....     | 240                                  | 7,385,584   | 30,773                      | 184  | 56                            |
| Sanilac .....        | 402                                  | 10,543,651  | 26,228                      | 264  | 138                           |
| Schoolcraft .....    | 13                                   | 113,480     | 8,729                       | 6  | 7                             |
| Shiawassee .....     | 270                                  | 5,335,264   | 19,760                      | 222  | 48                            |
| Tuscola .....        | 254                                  | 9,227,474   | 36,329                      | 189  | 65                            |
| Van Buren .....      | 142                                  | 3,335,741   | 23,491                      | 95   | 47                            |
| Washtenaw .....      | 190                                  | 4,108,771   | 21,625                      | 115  | 75                            |
| Wayne .....          | 21                                   | 189,500     | 9,024                       | 15   | 6                             |
| Wexford .....        | 28                                   | 276,747     | 9,884                       | 10   | 18                            |

**Table 37. Commodities Raised and Delivered Under Production Contracts: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Farms | Number    | Item  | Farms | Number    |
|--|-------|-----------|---|-------|-----------|
| <b>BROILERS AND OTHER MEAT-TYPE CHICKENS</b> |       |           | <b>CUSTOM FED CATTLE - Con.</b>                 |       |           |
| <b>State Total</b>                           |       |           | <b>Counties - Con.</b>                          |       |           |
| Michigan . . . . .                           | 12    | 3,795,550 | Mecosta . . . . .                               | 1     | (D)       |
| <b>Counties</b>                              |       |           | Menominee . . . . .                             | 1     | (D)       |
| Allegan . . . . .                            | 5     | 2,420,000 | Midland . . . . .                               | 1     | (D)       |
| Branch . . . . .                             | 1     | (D)       | Missaukee . . . . .                             | 6     | 788       |
| Cass . . . . .                               | 1     | (D)       | Montcalm . . . . .                              | 3     | 261       |
| Lapeer . . . . .                             | 1     | (D)       | Muskegon . . . . .                              | 2     | (D)       |
| Lenawee . . . . .                            | 2     | (D)       | Newaygo . . . . .                               | 5     | 215       |
| Ottawa . . . . .                             | 1     | (D)       | Oscoda . . . . .                                | 2     | (D)       |
| St. Joseph . . . . .                         | 1     | (D)       | Ottawa . . . . .                                | 6     | 1,320     |
|  |       |           | St. Clair . . . . .                             | 1     | (D)       |
| <b>EGGS, CHICKEN (DOZENS)</b>                |       |           | St. Joseph . . . . .                            | 3     | (D)       |
| <b>State Total</b>                           |       |           | Sanilac . . . . .                               | 3     | (D)       |
| Michigan . . . . .                           | 23    | 8,493,649 | Tuscola . . . . .                               | 4     | 346       |
| <b>Counties</b>                              |       |           |   |       |           |
| Allegan . . . . .                            | 4     | 785       | <b>HOGS AND PIGS</b>                            |       |           |
| Alpena . . . . .                             | 2     | (D)       | <b>State Total</b>                              |       |           |
| Barry . . . . .                              | 3     | 143       | Michigan . . . . .                              | 170   | 1,052,355 |
| Dickinson . . . . .                          | 1     | (D)       | <b>Counties</b>                                 |       |           |
| Hillsdale . . . . .                          | 1     | (D)       | Allegan . . . . .                               | 22    | 176,251   |
| Huron . . . . .                              | 1     | (D)       | Barry . . . . .                                 | 2     | (D)       |
| Ionia . . . . .                              | 1     | (D)       | Berrien . . . . .                               | 4     | (D)       |
| Kalamazoo . . . . .                          | 1     | (D)       | Branch . . . . .                                | 20    | 50,946    |
| Lenawee . . . . .                            | 1     | (D)       | Calhoun . . . . .                               | 5     | 21,952    |
| Livingston . . . . .                         | 2     | (D)       | Cass . . . . .                                  | 17    | 60,280    |
| Ottawa . . . . .                             | 2     | (D)       | Clinton . . . . .                               | 1     | (D)       |
| Presque Isle . . . . .                       | 1     | (D)       | Eaton . . . . .                                 | 1     | (D)       |
| St. Joseph . . . . .                         | 2     | (D)       | Gratiot . . . . .                               | 8     | 75,500    |
| Tuscola . . . . .                            | 1     | (D)       | Hillsdale . . . . .                             | 7     | 28,330    |
|  |       |           | Huron . . . . .                                 | 10    | 40,095    |
| <b>PULLETS FOR LAYING FLOCK REPLACEMENT</b>  |       |           | Ionia . . . . .                                 | 5     | 117,380   |
| <b>State Total</b>                           |       |           | Isabella . . . . .                              | 3     | (D)       |
| Michigan . . . . .                           | 14    | 1,083,793 | Kalamazoo . . . . .                             | 10    | 65,028    |
| <b>Counties</b>                              |       |           | Lenawee . . . . .                               | 9     | 26,303    |
| Allegan . . . . .                            | 4     | (D)       | Mason . . . . .                                 | 1     | (D)       |
| Barry . . . . .                              | 2     | (D)       | Mecosta . . . . .                               | 2     | (D)       |
| Gladwin . . . . .                            | 1     | (D)       | Midland . . . . .                               | 3     | 8,320     |
| Gratiot . . . . .                            | 1     | (D)       | Montcalm . . . . .                              | 3     | 15,700    |
| Hillsdale . . . . .                          | 1     | (D)       | Muskegon . . . . .                              | 1     | (D)       |
| Kalamazoo . . . . .                          | 1     | (D)       | Newaygo . . . . .                               | 1     | (D)       |
| Ottawa . . . . .                             | 4     | 236,200   | Ottawa . . . . .                                | 11    | 92,254    |
|  |       |           | Saginaw . . . . .                               | 3     | 14,470    |
| <b>TURKEYS</b>                               |       |           | St. Joseph . . . . .                            | 11    | 44,605    |
| <b>State Total</b>                           |       |           | Shiawassee . . . . .                            | 1     | (D)       |
| Michigan . . . . .                           | 2     | (D)       | Tuscola . . . . .                               | 9     | 27,881    |
| <b>Counties</b>                              |       |           |   |       |           |
| Barry . . . . .                              | 1     | (D)       | <b>OTHER LIVESTOCK, POULTRY, OR AQUACULTURE</b> |       |           |
| Ottawa . . . . .                             | 1     | (D)       | <b>State Total</b>                              |       |           |
| <b>CUSTOM FED CATTLE</b>                     |       |           | Michigan . . . . .                              | 8     | (X)       |
| <b>State Total</b>                           |       |           | <b>Counties</b>                                 |       |           |
| Michigan . . . . .                           | 112   | 28,454    | Allegan . . . . .                               | 1     | (X)       |
| <b>Counties</b>                              |       |           | Calhoun . . . . .                               | 1     | (X)       |
| Alcona . . . . .                             | 2     | (D)       | Hillsdale . . . . .                             | 1     | (X)       |
| Allegan . . . . .                            | 7     | 1,249     | Montcalm . . . . .                              | 1     | (X)       |
| Alpena . . . . .                             | 4     | 580       | Muskegon . . . . .                              | 1     | (X)       |
| Barry . . . . .                              | 2     | (D)       | Oakland . . . . .                               | 1     | (X)       |
| Berrien . . . . .                            | 1     | (D)       | Ottawa . . . . .                                | 2     | (X)       |
| Branch . . . . .                             | 4     | 612       |   |       |           |
| Chippewa . . . . .                           | 2     | (D)       | <b>GRAINS AND OILSEEDS</b>                      |       |           |
| Clare . . . . .                              | 2     | (D)       | <b>State Total</b>                              |       |           |
| Clinton . . . . .                            | 6     | 830       | Michigan . . . . .                              | 127   | (X)       |
| Eaton . . . . .                              | 2     | (D)       | <b>Counties</b>                                 |       |           |
| Gladwin . . . . .                            | 1     | (D)       | Allegan . . . . .                               | 3     | (X)       |
| Gratiot . . . . .                            | 9     | (D)       | Barry . . . . .                                 | 4     | (X)       |
| Hillsdale . . . . .                          | 2     | (D)       | Bay . . . . .                                   | 6     | (X)       |
| Huron . . . . .                              | 6     | 4,764     | Berrien . . . . .                               | 2     | (X)       |
| Ingham . . . . .                             | 2     | 533       | Calhoun . . . . .                               | 3     | (X)       |
| Ionia . . . . .                              | 3     | (D)       | Cass . . . . .                                  | 8     | (X)       |
| Iosco . . . . .                              | 1     | 448       | Clinton . . . . .                               | 1     | (X)       |
| Isabella . . . . .                           | 4     | (D)       | Gratiot . . . . .                               | 3     | (X)       |
| Jackson . . . . .                            | 2     | (D)       | Huron . . . . .                                 | 1     | (X)       |
| Kalamazoo . . . . .                          | 1     | (D)       | Ingham . . . . .                                | 2     | (X)       |
| Kent . . . . .                               | 2     | (D)       | Ionia . . . . .                                 | 3     | (X)       |
| Lapeer . . . . .                             | 1     | (D)       | Isabella . . . . .                              | 3     | (X)       |
| Lenawee . . . . .                            | 5     | 1,341     | Kalamazoo . . . . .                             | 12    | (X)       |
| Livingston . . . . .                         | 1     | (D)       | Kent . . . . .                                  | 1     | (X)       |
| Marquette . . . . .                          | 1     | (D)       | Lenawee . . . . .                               | 7     | (X)       |
| Mason . . . . .                              | 1     | (D)       | Livingston . . . . .                            | 1     | (X)       |
|  |       |           | Macomb . . . . .                                | 2     | (X)       |
|  |       |           | Monroe . . . . .                                | 12    | (X)       |
|  |       |           | Montcalm . . . . .                              | 1     | (X)       |
|  |       |           | Muskegon . . . . .                              | 1     | (X)       |
|  |       |           | Ottawa . . . . .                                | 3     | (X)       |

--continued

**Table 37. Commodities Raised and Delivered Under Production Contracts: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Farms | Number | Item   | Farms | Number |
|---|-------|--------|--|-------|--------|
| <b>GRAINS AND OILSEEDS - Con.</b>                       |       |        | <b>VEGETABLES, MELONS, POTATOES, AND SWEET POTATOES - Con.</b> |       |        |
| <b>Counties - Con.</b>                                  |       |        | <b>Counties</b>  |       |        |
| Presque Isle .....                                      | 1     | (X)    | Saginaw .....  | 2     | (X)    |
| Saginaw .....   | 8     | (X)    |  |       |        |
| St. Clair .....   | 5     | (X)    |  |       |        |
| St. Joseph .....  | 11    | (X)    |  |       |        |
| Sanilac .....   | 7     | (X)    | <b>OTHER CROPS (SEE TEXT)</b>                                  |       |        |
| Shiawassee .....  | 2     | (X)    | <b>State Total</b>   |       |        |
| Tuscola .....   | 9     | (X)    | Michigan .....   | 11    | (X)    |
| Van Buren .....   | 3     | (X)    | <b>Counties</b>  |       |        |
| Washtenaw .....   | 2     | (X)    | Calhoun .....  | 1     | (X)    |
| <b>VEGETABLES, MELONS, POTATOES, AND SWEET POTATOES</b> |       |        | Chippewa .....   | 2     | (X)    |
| <b>State Total</b>                                      |       |        | Grand Traverse .....   | 1     | (X)    |
| Michigan .....  | 2     | (X)    | Isabella .....   | 1     | (X)    |
|   |       |        | Kalamazoo .....  | 1     | (X)    |
|   |       |        | Leelanau .....   | 1     | (X)    |
|   |       |        | Saginaw .....  | 4     | (X)    |

**Table 38. Machinery and Equipment on Operation: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan      | Alcona  | Alger  | Allegan | Alpena | Antrim | Arenac |
|---|---------------|---------|--------|---------|--------|--------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>                     |               |         |        |         |        |        |        |
| Estimated market value of all machinery and equipment ..... |               |         |        |         |        |        |        |
| farms, 2002   | 50,891        | 235     | 57     | 1,377   | 428    | 375    | 378    |
| 1997  | 53,513        | 240     | 69     | 1,558   | 491    | 300    | 365    |
| \$1,000, 2002   | 3,761,334     | 13,320  | 2,455  | 113,502 | 20,058 | 19,330 | 23,372 |
| 1997  | 3,318,370     | 11,286  | 2,669  | 106,939 | 20,883 | 13,240 | 28,467 |
| Average per farm .....                                      | dollars, 2002 | 73,910  | 56,682 | 43,071  | 82,427 | 46,865 | 51,547 |
|   | 1997          | 62,011  | 47,024 | 38,685  | 68,639 | 42,531 | 44,134 |
| Farms by value group:                                       |               |         |        |         |        |        |        |
| \$1 to \$9,999 .....  | 2002          | 14,606  | 50     | 18      | 374    | 107    | 153    |
|   | 1997          | 11,036  | 47     | 21      | 324    | 124    | 36     |
| \$10,000 to \$19,999 .....                                  | 2002          | 7,922   | 38     | 5       | 180    | 65     | 50     |
|   | 1997          | 10,578  | 51     | 19      | 313    | 63     | 75     |
| \$20,000 to \$29,999 .....                                  | 2002          | 6,070   | 40     | 8       | 156    | 88     | 62     |
|   | 1997          | 7,650   | 41     | 3       | 241    | 67     | 29     |
| \$30,000 to \$49,999 .....                                  | 2002          | 6,005   | 42     | 11      | 264    | 46     | 11     |
|   | 1997          | 7,299   | 24     | 6       | 175    | 132    | 40     |
| \$50,000 to \$69,999 .....                                  | 2002          | 3,783   | 17     | 2       | 83     | 61     | 43     |
|   | 1997          | 4,366   | 25     | 3       | 114    | 26     | 23     |
| \$70,000 to \$99,999 .....                                  | 2002          | 2,876   | 21     | 4       | 45     | 28     | 15     |
|   | 1997          | 3,744   | 25     | 12      | 120    | 16     | 8      |
| \$100,000 to \$199,999 .....                                | 2002          | 4,515   | 10     | 8       | 119    | 15     | 26     |
|   | 1997          | 4,849   | 21     | 2       | 162    | 41     | 43     |
| \$200,000 to \$499,999 .....                                | 2002          | 3,831   | 14     | 1       | 118    | 8      | 34     |
|   | 1997          | 3,314   | 6      | 3       | 73     | 22     | 41     |
| \$500,000 or more .....                                     | 2002          | 1,283   | 3      | -       | 38     | 10     | 12     |
|   | 1997          | 677     | -      | -       | 36     | -      | 35     |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>                     |               |         |        |         |        |        |        |
| Tractors .....  | farms, 2002   | 47,627  | 224    | 50      | 1,294  | 401    | 308    |
|   | 1997          | 49,229  | 240    | 62      | 1,407  | 469    | 261    |
| number, 2002  |               | 137,474 | 633    | 151     | 3,936  | 1,093  | 759    |
|   | 1997          | 129,183 | 533    | 168     | 3,542  | 1,023  | 516    |
| Less than 40 horsepower (PTO) .....                         | farms, 2002   | 27,941  | 135    | 30      | 809    | 318    | 184    |
|   | 1997          | 29,044  | 129    | 43      | 791    | 275    | 167    |
| number, 2002  |               | 45,749  | 219    | 53      | 1,540  | 459    | 261    |
|   | 1997          | 44,853  | 195    | 76      | 1,244  | 395    | 231    |
| 40 to 99 horsepower (PTO) .....                             | farms, 2002   | 32,722  | 161    | 42      | 872    | 245    | 178    |
|   | 1997          | 34,927  | 194    | 43      | 1,003  | 306    | 161    |
| number, 2002  |               | 61,456  | 311    | 77      | 1,639  | 473    | 399    |
|   | 1997          | 59,041  | 290    | (D)     | 1,583  | 507    | (D)    |
| 100 horsepower (PTO) or more .....                          | farms, 2002   | 15,011  | 60     | 13      | 388    | 78     | 43     |
|   | 1997          | 15,208  | 31     | 12      | 410    | 83     | 21     |
| number, 2002  |               | 30,269  | 103    | 21      | 757    | 161    | 99     |
|   | 1997          | 25,289  | 48     | (D)     | 715    | 121    | (D)    |
| Grain and bean combines (see text) .....                    | farms, 2002   | 12,487  | 27     | 8       | 264    | 62     | 21     |
|   | 1997          | 15,845  | 61     | 15      | 359    | 157    | 35     |
| number, 2002  |               | 14,308  | 36     | 10      | 271    | 71     | 21     |
|   | 1997          | 18,518  | 66     | 19      | 392    | 175    | 39     |
| Cotton pickers and strippers .....                          | farms, 2002   | -       | -      | -       | -      | -      | -      |
|   | 1997          | -       | -      | -       | -      | -      | -      |
| number, 2002  |               | -       | -      | -       | -      | -      | -      |
|   | 1997          | -       | -      | -       | -      | -      | -      |
| Forage harvesters, self-propelled (see text) .....          | farms, 2002   | 1,933   | 11     | 2       | 68     | 32     | 14     |
|   | 1997          | (NA)    | (NA)   | (NA)    | (NA)   | (NA)   | (NA)   |
| number, 2002  |               | 2,240   | 11     | (D)     | 76     | 33     | 17     |
|   | 1997          | (NA)    | (NA)   | (NA)    | (NA)   | (NA)   | (NA)   |
| Hay balers .....  | farms, 2002   | 18,508  | 123    | 35      | 512    | 192    | 71     |
|   | 1997          | 19,179  | 152    | 36      | 534    | 208    | 83     |
| number, 2002  |               | 23,012  | 181    | 49      | 654    | 268    | 96     |
|   | 1997          | 23,651  | 213    | 55      | 604    | 275    | 132    |
| <b>2002 INVENTORY</b>                                       |               |         |        |         |        |        |        |
| Manufactured 1998 to 2002:                                  |               |         |        |         |        |        |        |
| Tractors .....  | farms         | 6,979   | 22     | 5       | 187    | 80     | 54     |
|   | number        | 11,093  | 58     | 7       | 306    | 133    | 66     |
| Less than 40 horsepower (PTO) .....                         | farms         | 3,121   | 6      | 4       | 89     | 26     | 48     |
|   | number        | 4,125   | (D)    | (D)     | 96     | 51     | 50     |
| 40 to 99 horsepower (PTO) .....                             | farms         | 3,065   | 14     | -       | 78     | 69     | 8      |
|   | number        | 4,018   | 49     | -       | 90     | 74     | 9      |
| 100 horsepower (PTO) or more .....                          | farms         | 1,768   | 2      | 1       | 67     | 6      | 3      |
|   | number        | 2,950   | (D)    | (D)     | 120    | 8      | 7      |
| Grain and bean combines .....                               | farms         | 859     | -      | -       | 18     | -      | 1      |
|   | number        | 905     | -      | -       | 20     | -      | 4      |
| Cotton pickers and strippers .....                          | farms         | -       | -      | -       | -      | -      | -      |
|   | number        | -       | -      | -       | -      | -      | -      |
| Forage harvesters, self-propelled (see text) .....          | farms         | 222     | -      | -       | 8      | 6      | 1      |
|   | number        | 232     | -      | -       | 8      | 6      | (D)    |
| Hay balers .....  | farms         | 1,534   | 13     | 4       | 23     | 38     | 7      |
|   | number        | 1,620   | 13     | 4       | 23     | 44     | 8      |
| Manufactured prior to 1998:                                 |               |         |        |         |        |        |        |
| Tractors .....  | farms         | 45,213  | 220    | 49      | 1,270  | 366    | 282    |
|   | number        | 126,381 | 575    | 144     | 3,630  | 960    | 693    |
| Less than 40 horsepower (PTO) .....                         | farms         | 25,737  | 129    | 26      | 778    | 298    | 157    |
|   | number        | 41,624  | (D)    | (D)     | 1,444  | 408    | 211    |
| 40 to 99 horsepower (PTO) .....                             | farms         | 31,191  | 157    | 42      | 836    | 205    | 177    |
|   | number        | 57,438  | 262    | 77      | 1,549  | 399    | 390    |
| 100 horsepower (PTO) or more .....                          | farms         | 14,483  | 60     | 13      | 376    | 78     | 42     |
|   | number        | 27,319  | (D)    | (D)     | 637    | 153    | 92     |
| Grain and bean combines .....                               | farms         | 11,753  | 27     | 8       | 247    | 62     | 20     |
|   | number        | 13,403  | 36     | 10      | 251    | 71     | (D)    |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Baraga        | Barry  | Bay    | Benzie  | Berrien | Branch | Calhoun |
|---|---------------|--------|--------|---------|---------|--------|---------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>                     |               |        |        |         |         |        |         |
| Estimated market value of all machinery and equipment ..... |               |        |        |         |         |        |         |
| farms, 2002   | 57            | 957    | 780    | 158     | 1,063   | 1,093  | 1,125   |
| 1997  | 62            | 1,057  | 817    | 167     | 1,357   | 1,139  | 1,256   |
| \$1,000, 2002   | 2,617         | 51,811 | 80,203 | 11,633  | 95,669  | 82,816 | 68,845  |
| 1997  | 2,360         | 43,958 | 67,812 | 6,782   | 82,364  | 64,643 | 62,997  |
| Average per farm .....                                      | dollars, 2002 | 45,908 | 54,139 | 102,824 | 73,625  | 89,999 | 75,769  |
|   | 1997          | 38,067 | 41,587 | 83,001  | 40,612  | 60,696 | 56,754  |
| Farms by value group:                                       |               |        |        |         |         |        |         |
| \$1 to \$9,999 .....  | 2002          | 10     | 333    | 155     | 38      | 229    | 215     |
|   | 1997          | 17     | 347    | 156     | 32      | 239    | 328     |
| \$10,000 to \$19,999 .....                                  | 2002          | 9      | 226    | 64      | 18      | 146    | 180     |
|   | 1997          | 8      | 208    | 87      | 48      | 333    | 218     |
| \$20,000 to \$29,999 .....                                  | 2002          | 13     | 99     | 87      | 17      | 127    | 146     |
|   | 1997          | 13     | 105    | 89      | 16      | 137    | 183     |
| \$30,000 to \$49,999 .....                                  | 2002          | 11     | 41     | 122     | 38      | 128    | 161     |
|   | 1997          | 11     | 194    | 124     | 34      | 179    | 72      |
| \$50,000 to \$69,999 .....                                  | 2002          | 6      | 30     | 28      | 13      | 89     | 70      |
|   | 1997          | 5      | 48     | 130     | 11      | 164    | 71      |
| \$70,000 to \$99,999 .....                                  | 2002          | 4      | 63     | 110     | 8       | 109    | 117     |
|   | 1997          | 1      | 83     | 45      | 5       | 73     | 66      |
| \$100,000 to \$199,999 .....                                | 2002          | 2      | 99     | 89      | 12      | 81     | 85      |
|   | 1997          | 4      | 31     | 87      | 15      | 143    | 105     |
| \$200,000 to \$499,999 .....                                | 2002          | 1      | 58     | 96      | 9       | 121    | 87      |
|   | 1997          | 3      | 33     | 84      | 6       | 74     | 85      |
| \$500,000 or more .....                                     | 2002          | 1      | 8      | 29      | 5       | 33     | 24      |
|   | 1997          | -      | 8      | 15      | -       | 15     | 11      |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>                     |               |        |        |         |         |        |         |
| Tractors .....  | farms, 2002   | 56     | 835    | 735     | 137     | 975    | 988     |
|   | 1997          | 56     | 935    | 793     | 152     | 1,301  | 1,034   |
| number, 2002  | 143           | 2,030  | 2,561  | 376     | 3,366   | 3,228  | 3,433   |
|   | 1997          | 133    | 2,128  | 2,546   | 314     | 3,701  | 2,690   |
| Less than 40 horsepower (PTO) .....                         | farms, 2002   | 28     | 350    | 448     | 75      | 649    | 472     |
|   | 1997          | 32     | 467    | 562     | 89      | 853    | 550     |
| number, 2002  | 34            | 478    | 735    | 98      | 1,328   | 800    | 1,337   |
|   | 1997          | 47     | 639    | 858     | 140     | 1,740  | 786     |
| 40 to 99 horsepower (PTO) .....                             | farms, 2002   | 48     | 642    | 462     | 93      | 742    | 739     |
|   | 1997          | 40     | 696    | 582     | 99      | 905    | 820     |
| number, 2002  | 97            | 1,012  | 923    | 239     | 1,526   | 1,563  | 1,356   |
|   | 1997          | (D)    | 1,135  | 1,059   | 153     | 1,547  | 1,338   |
| 100 horsepower (PTO) or more .....                          | farms, 2002   | 9      | 276    | 381     | 24      | 272    | 436     |
|   | 1997          | 10     | 231    | 334     | 18      | 300    | 343     |
| number, 2002  | 12            | 540    | 903    | 39      | 512     | 865    | 740     |
|   | 1997          | (D)    | 354    | 629     | 21      | 414    | 566     |
| Grain and bean combines (see text) .....                    | farms, 2002   | 14     | 170    | 344     | 16      | 223    | 454     |
|   | 1997          | 22     | 203    | 401     | 27      | 252    | 431     |
| number, 2002  | 14            | 176    | 428    | 19      | 269     | 529    | 364     |
|   | 1997          | 25     | 227    | 535     | 28      | 289    | 516     |
| Cotton pickers and strippers .....                          | farms, 2002   | -      | -      | -       | -       | -      | -       |
|   | 1997          | -      | -      | -       | -       | -      | -       |
| number, 2002  | -             | -      | -      | -       | -       | -      | -       |
|   | 1997          | -      | -      | -       | -       | -      | -       |
| Forage harvesters, self-propelled (see text) .....          | farms, 2002   | 3      | 23     | 28      | 2       | 24     | 18      |
|   | 1997          | (NA)   | (NA)   | (NA)    | (NA)    | (NA)   | (NA)    |
| number, 2002  | 25            | 28     | (NA)   | (D)     | (NA)    | 19     | 47      |
|   | 1997          | (NA)   | (NA)   | (NA)    | (NA)    | (NA)   | (NA)    |
| Hay balers .....  | farms, 2002   | 45     | 413    | 200     | 30      | 262    | 434     |
|   | 1997          | 40     | 373    | 157     | 35      | 219    | 396     |
| number, 2002  | 64            | 505    | 242    | 37      | 325     | 514    | 635     |
|   | 1997          | 56     | 487    | 184     | 41      | 258    | 449     |
| <b>2002 INVENTORY</b>                                       |               |        |        |         |         |        |         |
| Manufactured 1998 to 2002:                                  |               |        |        |         |         |        |         |
| Tractors .....  | farms         | 6      | 80     | 98      | 30      | 193    | 58      |
|   | number        | 8      | 157    | 121     | 32      | 294    | 77      |
| Less than 40 horsepower (PTO) .....                         | farms         | -      | 32     | 60      | 13      | 55     | 12      |
|   | number        | -      | 59     | 62      | 13      | 57     | 12      |
| 40 to 99 horsepower (PTO) .....                             | farms         | 5      | 22     | 17      | 17      | 134    | 23      |
|   | number        | (D)    | 35     | 20      | 19      | 189    | 95      |
| 100 horsepower (PTO) or more .....                          | farms         | 1      | 42     | 27      | -       | 31     | 25      |
|   | number        | (D)    | 63     | 39      | -       | 48     | 24      |
| Grain and bean combines .....                               | farms         | -      | 17     | 9       | -       | 10     | 35      |
|   | number        | -      | 17     | 9       | -       | 12     | 18      |
| Cotton pickers and strippers .....                          | farms         | -      | -      | -       | -       | -      | -       |
|   | number        | -      | -      | -       | -       | -      | -       |
| Forage harvesters, self-propelled (see text) .....          | farms         | 1      | 12     | 3       | -       | 1      | 1       |
|   | number        | (D)    | 14     | 3       | -       | (D)    | (D)     |
| Hay balers .....  | farms         | 5      | 36     | 27      | -       | 33     | 32      |
|   | number        | 5      | 45     | 27      | -       | 33     | 11      |
| Manufactured prior to 1998:                                 |               |        |        |         |         |        |         |
| Tractors .....  | farms         | 55     | 823    | 733     | 124     | 974    | 962     |
|   | number        | 135    | 1,873  | 2,440   | 344     | 3,072  | 3,151   |
| Less than 40 horsepower (PTO) .....                         | farms         | 28     | 334    | 400     | 62      | 647    | 461     |
|   | number        | 34     | 419    | 673     | 85      | 1,271  | 788     |
| 40 to 99 horsepower (PTO) .....                             | farms         | 44     | 629    | 462     | 93      | 688    | 718     |
|   | number        | (D)    | 977    | 903     | 220     | 1,337  | 1,537   |
| 100 horsepower (PTO) or more .....                          | farms         | 8      | 273    | 380     | 24      | 267    | 431     |
|   | number        | (D)    | 477    | 864     | 39      | 464    | 826     |
| Grain and bean combines .....                               | farms         | 14     | 154    | 336     | 16      | 213    | 423     |
|   | number        | 14     | 159    | 419     | 19      | 257    | 494     |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass    | Charlevoix | Cheboygan | Chippewa | Clare  | Clinton | Crawford |
|---|---------|------------|-----------|----------|--------|---------|----------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>                     |         |            |           |          |        |         |          |
| Estimated market value of all machinery and equipment ..... |         |            |           |          |        |         |          |
| farms, 2002   | 782     | 292        | 241       | 349      | 352    | 1,152   | 32       |
| 1997  | 805     | 227        | 249       | 376      | 418    | 1,292   | 35       |
| \$1,000, 2002   | 78,418  | 11,966     | 11,219    | 13,653   | 14,540 | 92,331  | 1,206    |
| 1997  | 57,880  | 7,124      | 9,858     | 14,684   | 11,476 | 84,377  | 827      |
| Average per farm .....                                      | 100,279 | 40,980     | 46,550    | 39,122   | 41,307 | 80,149  | 37,682   |
| dollars, 2002   |         |            |           |          |        |         |          |
| 1997  | 71,900  | 31,385     | 39,591    | 39,053   | 27,454 | 65,307  | 23,640   |
| Farms by value group:                                       |         |            |           |          |        |         |          |
| \$1 to \$9,999 .....  | 2002    | 172        | 110       | 52       | 91     | 137     | 302      |
| 1997  | 170     | 68         | 47        | 48       | 141    | 167     | 12       |
| \$10,000 to \$19,999 .....                                  | 2002    | 67         | 53        | 63       | 33     | 68      | 135      |
| 1997  | 114     | 68         | 61        | 63       | 79     | 246     | 5        |
| \$20,000 to \$29,999 .....                                  | 2002    | 84         | 34        | 18       | 80     | 29      | 189      |
| 1997  | 151     | 22         | 43        | 97       | 87     | 155     | 6        |
| \$30,000 to \$49,999 .....                                  | 2002    | 171        | 38        | 31       | 56     | 55      | 172      |
| 1997  | 84      | 26         | 51        | 84       | 41     | 232     | 2        |
| \$50,000 to \$69,999 .....                                  | 2002    | 114        | 15        | 29       | 39     | 22      | 92       |
| 1997  | 72      | 20         | 11        | 36       | 18     | 203     | -        |
| \$70,000 to \$99,999 .....                                  | 2002    | 32         | 4         | 16       | 17     | 7       | 52       |
| 1997  | 30      | 15         | 8         | 8        | 28     | 57      | 1        |
| \$100,000 to \$199,999 .....                                | 2002    | 37         | 24        | 27       | 30     | 17      | 88       |
| 1997  | 103     | 4          | 20        | 37       | 21     | 138     | 5        |
| \$200,000 to \$499,999 .....                                | 2002    | 76         | 14        | 3        | 2      | 16      | 88       |
| 1997  | 71      | 3          | 8         | 3        | 3      | 70      | -        |
| \$500,000 or more .....                                     | 2002    | 29         | -         | 2        | 1      | 1       | 34       |
| 1997  | 10      | 1          | -         | -        | -      | 25      | -        |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>                     |         |            |           |          |        |         |          |
| Tractors .....  |         |            |           |          |        |         |          |
| farms, 2002   | 755     | 283        | 223       | 334      | 313    | 1,083   | 27       |
| 1997  | 756     | 203        | 219       | 357      | 331    | 1,175   | 33       |
| number, 2002  | 1,838   | 599        | 519       | 907      | 862    | 2,955   | 38       |
| 1997  | 1,750   | 502        | 530       | 867      | 779    | 3,104   | 50       |
| Less than 40 horsepower (PTO) .....                         |         |            |           |          |        |         |          |
| farms, 2002   | 384     | 165        | 154       | 167      | 259    | 685     | 14       |
| 1997  | 466     | 144        | 137       | 225      | 217    | 608     | 25       |
| number, 2002  | 610     | 256        | 211       | 279      | 387    | 1,023   | (D)      |
| 1997  | 651     | 223        | 214       | 368      | 362    | 834     | 28       |
| 40 to 99 horsepower (PTO) .....                             |         |            |           |          |        |         |          |
| farms, 2002   | 462     | 166        | 154       | 280      | 191    | 620     | 15       |
| 1997  | 519     | 126        | 156       | 244      | 206    | 935     | 17       |
| number, 2002  | 745     | 273        | 259       | 545      | 375    | 1,067   | 18       |
| 1997  | 806     | 219        | 259       | (D)      | 329    | 1,547   | (D)      |
| 100 horsepower (PTO) or more .....                          |         |            |           |          |        |         |          |
| farms, 2002   | 276     | 44         | 26        | 48       | 64     | 452     | 2        |
| 1997  | 180     | 45         | 39        | 63       | 48     | 469     | 2        |
| number, 2002  | 483     | 70         | 49        | 83       | 100    | 865     | (D)      |
| 1997  | 293     | 60         | 57        | (D)      | 88     | 723     | (D)      |
| Grain and bean combines (see text) .....                    |         |            |           |          |        |         |          |
| farms, 2002   | 171     | 13         | 31        | 94       | 46     | 317     | 2        |
| 1997  | 241     | 35         | 33        | 108      | 50     | 538     | 2        |
| number, 2002  | 184     | 14         | 31        | 116      | 59     | 386     | (D)      |
| 1997  | 264     | 35         | 35        | 119      | 54     | 620     | (D)      |
| Cotton pickers and strippers .....                          |         |            |           |          |        |         |          |
| farms, 2002   | -       | -          | -         | -        | -      | -       | -        |
| 1997  | -       | -          | -         | -        | -      | -       | -        |
| number, 2002  | -       | -          | -         | -        | -      | -       | -        |
| 1997  | -       | -          | -         | -        | -      | -       | -        |
| Forage harvesters, self-propelled (see text) .....          |         |            |           |          |        |         |          |
| farms, 2002   | 15      | 22         | 9         | 4        | 36     | 55      | -        |
| 1997  | (NA)    | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| number, 2002  | 16      | 28         | 11        | 5        | 36     | 65      | -        |
| 1997  | (NA)    | (NA)       | (NA)      | (NA)     | (NA)   | (NA)    | (NA)     |
| Hay balers .....  |         |            |           |          |        |         |          |
| farms, 2002   | 304     | 116        | 136       | 235      | 153    | 319     | 10       |
| 1997  | 302     | 114        | 127       | 270      | 199    | 446     | 18       |
| number, 2002  | 346     | 151        | 182       | 315      | 207    | 388     | 13       |
| 1997  | 369     | 147        | 171       | 365      | 246    | 495     | 20       |
| <b>2002 INVENTORY</b>                                       |         |            |           |          |        |         |          |
| Manufactured 1998 to 2002:                                  |         |            |           |          |        |         |          |
| Tractors .....  |         |            |           |          |        |         |          |
| farms   | 139     | 29         | 57        | 44       | 50     | 202     | 3        |
| number  | 244     | 29         | 75        | 51       | 58     | 329     | (D)      |
| Less than 40 horsepower (PTO) .....                         |         |            |           |          |        |         |          |
| farms   | 34      | 17         | 29        | 18       | 32     | 99      | 2        |
| number  | 63      | 17         | 37        | (D)      | 32     | 109     | (D)      |
| 40 to 99 horsepower (PTO) .....                             |         |            |           |          |        |         |          |
| farms   | 88      | 11         | 32        | 32       | 23     | 65      | 1        |
| number  | 115     | (D)        | 33        | 32       | (D)    | 85      | (D)      |
| 100 horsepower (PTO) or more .....                          |         |            |           |          |        |         |          |
| farms   | 45      | 1          | 5         | 1        | 2      | 88      | -        |
| number  | 66      | (D)        | 5         | (D)      | (D)    | 135     | -        |
| Grain and bean combines .....                               |         |            |           |          |        |         |          |
| farms   | 21      | 2          | -         | -        | -      | 33      | -        |
| number  | 23      | (D)        | -         | -        | -      | 33      | -        |
| Cotton pickers and strippers .....                          |         |            |           |          |        |         |          |
| farms   | -       | -          | -         | -        | -      | -       | -        |
| number  | -       | -          | -         | -        | -      | -       | -        |
| Forage harvesters, self-propelled (see text) .....          |         |            |           |          |        |         |          |
| farms   | 1       | 6          | -         | 3        | 9      | 12      | -        |
| number  | (D)     | 6          | -         | (D)      | 9      | 14      | -        |
| Hay balers .....  |         |            |           |          |        |         |          |
| farms   | 45      | 21         | 13        | 37       | 15     | 28      | -        |
| number  | 46      | 21         | 13        | 42       | 15     | 30      | -        |
| Manufactured prior to 1998:                                 |         |            |           |          |        |         |          |
| Tractors .....  |         |            |           |          |        |         |          |
| farms   | 719     | 268        | 208       | 322      | 278    | 1,001   | 24       |
| number  | 1,594   | 570        | 444       | 856      | 804    | 2,626   | (D)      |
| Less than 40 horsepower (PTO) .....                         |         |            |           |          |        |         |          |
| farms   | 379     | 153        | 128       | 157      | 228    | 596     | 12       |
| number  | 547     | 239        | 174       | (D)      | 355    | 914     | (D)      |
| 40 to 99 horsepower (PTO) .....                             |         |            |           |          |        |         |          |
| farms   | 401     | 163        | 137       | 264      | 180    | 604     | 14       |
| number  | 630     | (D)        | 226       | 513      | (D)    | 982     | (D)      |
| 100 horsepower (PTO) or more .....                          |         |            |           |          |        |         |          |
| farms   | 259     | 44         | 24        | 47       | 64     | 401     | 2        |
| number  | 417     | (D)        | 44        | (D)      | (D)    | 730     | (D)      |
| Grain and bean combines .....                               |         |            |           |          |        |         |          |
| farms   | 152     | 11         | 31        | 94       | 46     | 297     | 2        |
| number  | 161     | (D)        | 31        | 116      | 59     | 353     | (D)      |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Delta         | Dickinson | Eaton  | Emmet  | Genesee | Gladwin | Gogebic |
|---|---------------|-----------|--------|--------|---------|---------|---------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>                     |               |           |        |        |         |         |         |
| Estimated market value of all machinery and equipment ..... |               |           |        |        |         |         |         |
| farms, 2002   | 266           | 130       | 1,178  | 248    | 993     | 517     | 39      |
| 1997  | 289           | 134       | 1,248  | 246    | 967     | 501     | 62      |
| \$1,000, 2002   | 12,838        | 5,504     | 75,666 | 10,252 | 55,396  | 16,466  | 799     |
| 1997  | 12,517        | 5,809     | 63,528 | 9,994  | 48,578  | 16,848  | 1,675   |
| Average per farm .....                                      | dollars, 2002 | 48,265    | 42,338 | 64,233 | 41,337  | 55,786  | 31,849  |
|   | 1997          | 43,311    | 43,349 | 50,903 | 40,627  | 50,236  | 20,498  |
|   |               |           |        |        |         |         | 27,010  |
| Farms by value group:                                       |               |           |        |        |         |         |         |
| \$1 to \$9,999 .....  | 2002          | 62        | 39     | 374    | 92      | 257     | 248     |
|   | 1997          | 51        | 33     | 318    | 43      | 217     | 105     |
| \$10,000 to \$19,999 .....                                  | 2002          | 73        | 29     | 183    | 43      | 181     | 63      |
|   | 1997          | 47        | 37     | 283    | 51      | 197     | 117     |
| \$20,000 to \$29,999 .....                                  | 2002          | 33        | 13     | 131    | 18      | 99      | 102     |
|   | 1997          | 56        | 15     | 220    | 46      | 145     | 97      |
| \$30,000 to \$49,999 .....                                  | 2002          | 24        | 8      | 135    | 30      | 131     | 48      |
|   | 1997          | 35        | 21     | 126    | 40      | 173     | 5       |
| \$50,000 to \$69,999 .....                                  | 2002          | 26        | 14     | 103    | 20      | 148     | 11      |
|   | 1997          | 46        | 6      | 95     | 18      | 29      | 3       |
| \$70,000 to \$99,999 .....                                  | 2002          | 9         | 11     | 72     | 18      | 40      | 12      |
|   | 1997          | 21        | 8      | 48     | 18      | 97      | 22      |
| \$100,000 to \$199,999 .....                                | 2002          | 26        | 11     | 83     | 20      | 87      | -       |
|   | 1997          | 28        | 7      | 87     | 25      | 52      | 13      |
| \$200,000 to \$499,999 .....                                | 2002          | 12        | 5      | 75     | 6       | 39      | 4       |
|   | 1997          | 5         | 6      | 50     | 5       | 49      | -       |
| \$500,000 or more .....                                     | 2002          | 1         | -      | 22     | 1       | 11      | -       |
|   | 1997          | -         | 1      | 21     | -       | 8       | 2       |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>                     |               |           |        |        |         |         |         |
| Tractors .....  | farms, 2002   | 255       | 127    | 1,139  | 244     | 966     | 469     |
|   | 1997          | 269       | 121    | 1,112  | 231     | 907     | 459     |
| number, 2002  | 738           | 299       | 2,868  | 548    | 2,338   | 1,162   | 86      |
|   | 1997          | 721       | 311    | 2,619  | 499     | 2,103   | 912     |
| Less than 40 horsepower (PTO) .....                         | farms, 2002   | 153       | 72     | 654    | 111     | 499     | 314     |
|   | 1997          | 182       | 78     | 605    | 120     | 653     | 211     |
| number, 2002  | 297           | 109       | 907    | 172    | 768     | 452     | 42      |
|   | 1997          | 301       | 134    | 881    | 181     | 878     | 280     |
| 40 to 99 horsepower (PTO) .....                             | farms, 2002   | 163       | 78     | 715    | 184     | 685     | 362     |
|   | 1997          | 191       | 84     | 712    | 175     | 574     | 333     |
| number, 2002  | 334           | 132       | 1,247  | 302    | 1,164   | 528     | 48      |
|   | 1997          | 368       | (D)    | 1,111  | 285     | 819     | 512     |
| 100 horsepower (PTO) or more .....                          | farms, 2002   | 66        | 32     | 408    | 47      | 216     | 83      |
|   | 1997          | 38        | 33     | 366    | 23      | 204     | 2       |
| number, 2002  | 107           | 58        | 714    | 74     | 406     | 182     | 3       |
|   | 1997          | 52        | (D)    | 627    | 33      | 406     | (D)     |
| Grain and bean combines (see text) .....                    | farms, 2002   | 45        | 15     | 278    | 37      | 265     | 86      |
|   | 1997          | 93        | 23     | 396    | 60      | 220     | 73      |
| number, 2002  | 61            | 17        | 304    | 37     | 288     | 113     | 4       |
|   | 1997          | 104       | 25     | 492    | 65      | 285     | (D)     |
| Cotton pickers and strippers .....                          | farms, 2002   | -         | -      | -      | -       | -       | -       |
|   | 1997          | -         | -      | -      | -       | -       | -       |
| number, 2002  | -             | -         | -      | -      | -       | -       | -       |
|   | 1997          | -         | -      | -      | -       | -       | -       |
| Forage harvesters, self-propelled (see text) .....          | farms, 2002   | 6         | 3      | 45     | 35      | 41      | 38      |
|   | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| number, 2002  | 10            | 3         | 48     | 62     | 56      | (NA)    | 1       |
|   | 1997          | (NA)      | (NA)   | (NA)   | (NA)    | (NA)    | (NA)    |
| Hay balers .....  | farms, 2002   | 167       | 52     | 507    | 118     | 343     | 345     |
|   | 1997          | 189       | 61     | 445    | 130     | 294     | 281     |
| number, 2002  | 203           | 73        | 652    | 167    | 410     | 416     | 37      |
|   | 1997          | 254       | 84     | 491    | 168     | 338     | 351     |
| <b>2002 INVENTORY</b>                                       |               |           |        |        |         |         |         |
| Manufactured 1998 to 2002:                                  |               |           |        |        |         |         |         |
| Tractors .....  | farms         | 33        | 11     | 128    | 45      | 194     | 26      |
|   | number        | 43        | 11     | 160    | 55      | 239     | 6       |
| Less than 40 horsepower (PTO) .....                         | farms         | 18        | 11     | 65     | 24      | 82      | 38      |
|   | number        | (D)       | 11     | 65     | 27      | 89      | 6       |
| 40 to 99 horsepower (PTO) .....                             | farms         | 14        | -      | 39     | 22      | 104     | 2       |
|   | number        | 23        | -      | 42     | (D)     | 106     | 4       |
| 100 horsepower (PTO) or more .....                          | farms         | 2         | -      | 27     | 2       | 41      | -       |
|   | number        | (D)       | -      | 53     | (D)     | 44      | -       |
| Grain and bean combines .....                               | farms         | -         | -      | 19     | -       | 18      | 2       |
|   | number        | -         | -      | 21     | -       | 19      | (D)     |
| Cotton pickers and strippers .....                          | farms         | -         | -      | -      | -       | -       | -       |
|   | number        | -         | -      | -      | -       | -       | -       |
| Forage harvesters, self-propelled (see text) .....          | farms         | -         | -      | 2      | 3       | 1       | -       |
|   | number        | -         | -      | (D)    | 3       | (D)     | -       |
| Hay balers .....  | farms         | 3         | 3      | 35     | 9       | 13      | 4       |
|   | number        | 4         | 3      | 36     | 9       | 13      | (D)     |
| Manufactured prior to 1998:                                 |               |           |        |        |         |         |         |
| Tractors .....  | farms         | 233       | 120    | 1,113  | 215     | 889     | 465     |
|   | number        | 695       | 288    | 2,708  | 493     | 2,099   | 1,124   |
| Less than 40 horsepower (PTO) .....                         | farms         | 135       | 65     | 610    | 87      | 452     | 310     |
|   | number        | (D)       | 98     | 842    | 145     | 679     | 433     |
| 40 to 99 horsepower (PTO) .....                             | farms         | 153       | 78     | 699    | 172     | 614     | 357     |
|   | number        | 311       | 132    | 1,205  | (D)     | 1,058   | 518     |
| 100 horsepower (PTO) or more .....                          | farms         | 66        | 32     | 396    | 47      | 185     | (D)     |
|   | number        | (D)       | 58     | 661    | (D)     | 362     | 173     |
| Grain and bean combines .....                               | farms         | 45        | 15     | 262    | 37      | 248     | 86      |
|   | number        | 61        | 17     | 283    | 37      | 269     | (D)     |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand Traverse | Gratiot | Hillsdale | Houghton | Huron   | Ingham  | Ionia   | Iosco  |
|---|----------------|---------|-----------|----------|---------|---------|---------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>                     |                |         |           |          |         |         |         |        |
| Estimated market value of all machinery and equipment ..... |                |         |           |          |         |         |         |        |
| farms, 2002   | 417            | 1,000   | 1,431     | 151      | 1,178   | 1,024   | 1,111   | 284    |
| 1997  | 484            | 986     | 1,436     | 153      | 1,287   | 973     | 1,163   | 277    |
| \$1,000, 2002   | 21,809         | 97,459  | 75,473    | 6,227    | 176,615 | 75,768  | 104,419 | 13,166 |
| 1997  | 19,270         | 80,894  | 65,291    | 5,028    | 141,089 | 63,373  | 68,557  | 10,829 |
| Average per farm .....                                      | dollars, 2002  | 52,300  | 97,459    | 52,741   | 41,237  | 149,928 | 73,993  | 93,986 |
|   | 1997           | 39,814  | 82,043    | 45,467   | 32,860  | 109,626 | 65,131  | 58,949 |
| Farms by value group:                                       |                |         |           |          |         |         |         |        |
| \$1 to \$9,999 .....  | 2002           | 141     | 302       | 563      | 48      | 349     | 284     | 326    |
|   | 1997           | 137     | 221       | 407      | 18      | 158     | 145     | 269    |
| \$10,000 to \$19,999 .....                                  | 2002           | 65      | 156       | 288      | 31      | 113     | 108     | 206    |
|   | 1997           | 135     | 226       | 389      | 37      | 166     | 211     | 268    |
| \$20,000 to \$29,999 .....                                  | 2002           | 41      | 70        | 160      | 25      | 89      | 170     | 92     |
|   | 1997           | 43      | 165       | 227      | 34      | 190     | 146     | 181    |
| \$30,000 to \$49,999 .....                                  | 2002           | 60      | 84        | 85       | 14      | 98      | 153     | 186    |
|   | 1997           | 34      | 68        | 100      | 41      | 134     | 154     | 136    |
| \$50,000 to \$69,999 .....                                  | 2002           | 9       | 79        | 64       | 9       | 58      | 66      | 37     |
|   | 1997           | 35      | 8         | 32       | 7       | 84      | 141     | 45     |
| \$70,000 to \$99,999 .....                                  | 2002           | 40      | 39        | 43       | 8       | 59      | 77      | 35     |
|   | 1997           | 44      | 85        | 99       | 11      | 126     | 20      | 107    |
| \$100,000 to \$199,999 .....                                | 2002           | 35      | 135       | 133      | 11      | 116     | 80      | 115    |
|   | 1997           | 51      | 76        | 80       | 4       | 203     | 88      | 59     |
| \$200,000 to \$499,999 .....                                | 2002           | 26      | 88        | 74       | 5       | 195     | 64      | 69     |
|   | 1997           | 4       | 104       | 97       | 1       | 186     | 58      | 100    |
| \$500,000 or more .....                                     | 2002           | -       | 47        | 21       | -       | 101     | 22      | 45     |
|   | 1997           | 1       | 33        | 5        | -       | 41      | 10      | 8      |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>                     |                |         |           |          |         |         |         |        |
| Tractors .....  | farms, 2002    | 383     | 921       | 1,371    | 139     | 1,094   | 930     | 1,098  |
|   | 1997           | 454     | 926       | 1,269    | 153     | 1,185   | 958     | 1,117  |
|   | number, 2002   | 835     | 2,721     | 3,174    | 395     | 4,118   | 2,536   | 3,050  |
|   | 1997           | 1,043   | 2,521     | 2,837    | 377     | 4,189   | 2,343   | 2,966  |
| Less than 40 horsepower (PTO) .....                         | farms, 2002    | 229     | 553       | 853      | 97      | 491     | 572     | 594    |
|   | 1997           | 309     | 441       | 606      | 108     | 656     | 531     | 698    |
|   | number, 2002   | 321     | 775       | 1,116    | 187     | 801     | 854     | 911    |
|   | 1997           | 503     | 632       | 841      | 179     | 978     | 669     | 1,031  |
| 40 to 99 horsepower (PTO) .....                             | farms, 2002    | 218     | 612       | 785      | 97      | 879     | 591     | 809    |
|   | 1997           | 269     | 693       | 891      | 108     | 970     | 697     | 742    |
|   | number, 2002   | 423     | 1,049     | 1,264    | 182     | 1,796   | 1,117   | 1,325  |
|   | 1997           | 482     | 1,090     | 1,366    | 164     | 1,920   | 1,060   | 1,343  |
| 100 horsepower (PTO) or more .....                          | farms, 2002    | 45      | 416       | 435      | 18      | 557     | 304     | 410    |
|   | 1997           | 33      | 414       | 401      | 30      | 649     | 403     | 354    |
|   | number, 2002   | 91      | 897       | 794      | 26      | 1,521   | 565     | 814    |
|   | 1997           | 58      | 799       | 630      | 34      | 1,291   | 614     | 592    |
| Grain and bean combines (see text) .....                    | farms, 2002    | 25      | 455       | 363      | 16      | 560     | 211     | 367    |
|   | 1997           | 74      | 411       | 403      | 44      | 689     | 310     | 390    |
|   | number, 2002   | 25      | 509       | 397      | 16      | 721     | 234     | 421    |
|   | 1997           | 82      | 518       | 457      | 44      | 890     | 369     | 428    |
| Cotton pickers and strippers .....                          | farms, 2002    | -       | -         | -        | -       | -       | -       | -      |
|   | 1997           | -       | -         | -        | -       | -       | -       | -      |
|   | number, 2002   | -       | -         | -        | -       | -       | -       | -      |
|   | 1997           | -       | -         | -        | -       | -       | -       | -      |
| Forage harvesters, self-propelled (see text) .....          | farms, 2002    | 14      | 55        | 13       | 4       | 136     | 38      | 45     |
|   | 1997           | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)    | (NA)   |
|   | number, 2002   | 14      | 57        | 15       | 4       | 157     | 40      | 47     |
|   | 1997           | (NA)    | (NA)      | (NA)     | (NA)    | (NA)    | (NA)    | (NA)   |
| Hay balers .....  | farms, 2002    | 150     | 200       | 412      | 68      | 392     | 324     | 419    |
|   | 1997           | 144     | 204       | 333      | 81      | 457     | 305     | 450    |
|   | number, 2002   | 175     | 242       | 479      | 89      | 468     | 360     | 544    |
|   | 1997           | 179     | 237       | 396      | 101     | 505     | 373     | 537    |
| <b>2002 INVENTORY</b>                                       |                |         |           |          |         |         |         |        |
| Manufactured 1998 to 2002:                                  |                |         |           |          |         |         |         |        |
| Tractors .....  | farms          | 74      | 112       | 201      | 11      | 161     | 157     | 104    |
|   | number         | 86      | 179       | 290      | 25      | 277     | 257     | 198    |
| Less than 40 horsepower (PTO) .....                         | farms          | 50      | 45        | 133      | 6       | 16      | 69      | 31     |
|   | number         | 61      | 45        | 140      | 18      | 25      | 75      | 39     |
| 40 to 99 horsepower (PTO) .....                             | farms          | 24      | 15        | 41       | 7       | 46      | 69      | 55     |
|   | number         | 25      | 18        | 92       | 7       | 51      | 86      | 88     |
| 100 horsepower (PTO) or more .....                          | farms          | -       | 67        | 38       | -       | 125     | 52      | 48     |
|   | number         | -       | 116       | 58       | -       | 201     | 96      | 71     |
| Grain and bean combines .....                               | farms          | -       | 46        | 27       | -       | 30      | 38      | 29     |
|   | number         | -       | 47        | 29       | -       | 32      | 44      | 30     |
| Cotton pickers and strippers .....                          | farms          | -       | -         | -        | -       | -       | -       | -      |
|   | number         | -       | -         | -        | -       | -       | -       | -      |
| Forage harvesters, self-propelled (see text) .....          | farms          | -       | 7         | -        | -       | 17      | 2       | 3      |
|   | number         | -       | 7         | -        | -       | 18      | (D)     | (D)    |
| Hay balers .....  | farms          | 4       | 14        | 41       | -       | 27      | 56      | 45     |
|   | number         | 4       | 14        | 48       | -       | 28      | 57      | 45     |
| Manufactured prior to 1998:                                 |                |         |           |          |         |         |         |        |
| Tractors .....  | farms          | 346     | 877       | 1,299    | 135     | 1,087   | 905     | 1,051  |
|   | number         | 749     | 2,542     | 2,884    | 370     | 3,841   | 2,279   | 2,852  |
| Less than 40 horsepower (PTO) .....                         | farms          | 193     | 517       | 740      | 93      | 477     | 513     | 566    |
|   | number         | 260     | 730       | 976      | 169     | 776     | 779     | 872    |
| 40 to 99 horsepower (PTO) .....                             | farms          | 203     | 600       | 766      | 92      | 870     | 576     | 765    |
|   | number         | 398     | 1,031     | 1,172    | 175     | 1,745   | 1,031   | 1,237  |
| 100 horsepower (PTO) or more .....                          | farms          | 45      | 384       | 427      | 18      | 547     | 282     | 397    |
|   | number         | 91      | 781       | 736      | 26      | 1,320   | 469     | 743    |
| Grain and bean combines .....                               | farms          | 25      | 420       | 338      | 16      | 544     | 181     | 343    |
|   | number         | 25      | 462       | 368      | 16      | 689     | 190     | 391    |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron          | Isabella | Jackson | Kalamazoo | Kalkaska | Kent   | Keweenaw | Lake   |
|---|---------------|----------|---------|-----------|----------|--------|----------|--------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>                     |               |          |         |           |          |        |          |        |
| Estimated market value of all machinery and equipment ..... |               |          |         |           |          |        |          |        |
| farms, 2002   | 101           | 922      | 1,266   | 808       | 148      | 1,162  | 11       | 164    |
| 1997  | 103           | 1,039    | 1,169   | 812       | 162      | 1,349  | 7        | 152    |
| \$1,000, 2002   | 5,252         | 52,097   | 60,846  | 67,675    | 5,194    | 83,126 | 210      | 3,865  |
| 1997  | 4,034         | 53,078   | 59,738  | 59,017    | 5,931    | 92,197 | 133      | 6,375  |
| Average per farm .....                                      | dollars, 2002 | 52,001   | 56,505  | 48,062    | 83,756   | 35,095 | 71,537   | 19,123 |
|   | 1997          | 39,162   | 51,085  | 51,102    | 72,681   | 36,612 | 68,345   | 18,982 |
| Farms by value group:                                       |               |          |         |           |          |        |          |        |
| \$1 to \$9,999 .....  | 2002          | 24       | 331     | 316       | 239      | 49     | 250      | 4      |
|   | 1997          | 20       | 235     | 220       | 194      | 46     | 316      | 3      |
| \$10,000 to \$19,999 .....                                  | 2002          | 18       | 105     | 347       | 140      | 22     | 263      | 3      |
|   | 1997          | 39       | 230     | 304       | 114      | 28     | 293      | 47     |
| \$20,000 to \$29,999 .....                                  | 2002          | 14       | 103     | 192       | 34       | 19     | 120      | 18     |
|   | 1997          | 12       | 121     | 175       | 138      | 36     | 127      | 29     |
| \$30,000 to \$49,999 .....                                  | 2002          | 16       | 89      | 116       | 55       | 22     | 155      | 14     |
|   | 1997          | 12       | 121     | 147       | 38       | 14     | 215      | 13     |
| \$50,000 to \$69,999 .....                                  | 2002          | 11       | 86      | 61        | 56       | 24     | 96       | 2      |
|   | 1997          | 8        | 98      | 104       | 130      | 23     | 81       | 13     |
| \$70,000 to \$99,999 .....                                  | 2002          | 4        | 55      | 80        | 102      | 4      | 74       | 4      |
|   | 1997          | 1        | 60      | 50        | 50       | 6      | 103      | 18     |
| \$100,000 to \$199,999 .....                                | 2002          | 8        | 99      | 99        | 68       | 4      | 111      | 4      |
|   | 1997          | 3        | 123     | 113       | 77       | 6      | 119      | 12     |
| \$200,000 to \$499,999 .....                                | 2002          | 6        | 44      | 38        | 93       | 4      | 66       | 2      |
|   | 1997          | 8        | 46      | 47        | 58       | 1      | 68       | 3      |
| \$500,000 or more .....                                     | 2002          | -        | 10      | 17        | 21       | -      | 27       | -      |
|   | 1997          | -        | 5       | 9         | 13       | 2      | 27       | -      |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>                     |               |          |         |           |          |        |          |        |
| Tractors .....  | farms, 2002   | 93       | 855     | 1,208     | 786      | 137    | 1,126    | 8      |
|   | 1997          | 94       | 956     | 1,055     | 741      | 144    | 1,204    | 7      |
|   | number, 2002  | 283      | 2,479   | 3,274     | 2,001    | 323    | 3,101    | 20     |
|   | 1997          | 238      | 2,494   | 2,438     | 1,890    | 323    | 3,228    | 8      |
| Less than 40 horsepower (PTO) .....                         | farms, 2002   | 57       | 359     | 811       | 494      | 91     | 692      | 4      |
|   | 1997          | 77       | 436     | 558       | 461      | 98     | 857      | 4      |
|   | number, 2002  | 98       | 656     | 1,530     | 820      | 159    | 953      | (D)    |
|   | 1997          | 113      | 652     | 817       | 723      | 145    | 1,280    | 158    |
| 40 to 99 horsepower (PTO) .....                             | farms, 2002   | 68       | 633     | 627       | 479      | 99     | 814      | 6      |
|   | 1997          | 60       | 732     | 720       | 454      | 103    | 762      | 3      |
|   | number, 2002  | 137      | 1,167   | 1,200     | 705      | 133    | 1,546    | 15     |
|   | 1997          | (D)      | 1,166   | 1,099     | 693      | (D)    | 1,464    | 153    |
| 100 horsepower (PTO) or more .....                          | farms, 2002   | 21       | 334     | 322       | 228      | 22     | 353      | 1      |
|   | 1997          | 13       | 425     | 344       | 305      | 21     | 257      | 30     |
|   | number, 2002  | 48       | 656     | 544       | 476      | 31     | 602      | (D)    |
|   | 1997          | (D)      | 676     | 522       | 474      | (D)    | 484      | 35     |
| Grain and bean combines (see text) .....                    | farms, 2002   | 19       | 318     | 264       | 149      | 12     | 284      | 3      |
|   | 1997          | 22       | 350     | 304       | 228      | 17     | 250      | 19     |
|   | number, 2002  | 22       | 344     | 290       | 165      | 12     | 324      | (D)    |
|   | 1997          | 26       | 439     | 366       | 251      | 17     | 280      | 19     |
| Cotton pickers and strippers .....                          | farms, 2002   | -        | -       | -         | -        | -      | -        | -      |
|   | 1997          | -        | -       | -         | -        | -      | -        | -      |
|   | number, 2002  | -        | -       | -         | -        | -      | -        | -      |
|   | 1997          | -        | -       | -         | -        | -      | -        | -      |
| Forage harvesters, self-propelled (see text) .....          | farms, 2002   | 13       | 27      | 19        | 13       | 8      | 20       | 5      |
|   | 1997          | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
|   | number, 2002  | 13       | 28      | 21        | 14       | 8      | 20       | 5      |
|   | 1997          | (NA)     | (NA)    | (NA)      | (NA)     | (NA)   | (NA)     | (NA)   |
| Hay balers .....  | farms, 2002   | 56       | 373     | 513       | 244      | 66     | 523      | 8      |
|   | 1997          | 53       | 444     | 464       | 209      | 56     | 458      | 6      |
|   | number, 2002  | 75       | 500     | 571       | 321      | 81     | 605      | 9      |
|   | 1997          | 75       | 555     | 559       | 254      | 65     | 559      | 6      |
| <b>2002 INVENTORY</b>                                       |               |          |         |           |          |        |          |        |
| Manufactured 1998 to 2002:                                  |               |          |         |           |          |        |          |        |
| Tractors .....  | farms         | 10       | 82      | 111       | 165      | 27     | 195      | -      |
|   | number        | 12       | 168     | 205       | 209      | 30     | 309      | 19     |
| Less than 40 horsepower (PTO) .....                         | farms         | 4        | 32      | 72        | 84       | 10     | 114      | 3      |
|   | number        | 4        | 37      | 156       | 88       | 10     | 117      | (D)    |
| 40 to 99 horsepower (PTO) .....                             | farms         | 4        | 37      | 31        | 49       | 17     | 119      | 13     |
|   | number        | (D)      | 65      | 32        | 63       | 20     | 153      | 13     |
| 100 horsepower (PTO) or more .....                          | farms         | 2        | 36      | 11        | 37       | -      | 20       | 2      |
|   | number        | (D)      | 66      | 17        | 58       | -      | 39       | (D)    |
| Grain and bean combines .....                               | farms         | -        | 12      | 10        | 13       | -      | 9        | -      |
|   | number        | -        | 13      | 11        | 13       | -      | 10       | -      |
| Cotton pickers and strippers .....                          | farms         | -        | -       | -         | -        | -      | -        | -      |
|   | number        | -        | -       | -         | -        | -      | -        | -      |
| Forage harvesters, self-propelled (see text) .....          | farms         | -        | 1       | 2         | 2        | -      | 3        | 1      |
|   | number        | -        | (D)     | (D)       | (D)      | -      | 3        | (D)    |
| Hay balers .....  | farms         | 5        | 35      | 41        | 34       | 13     | 87       | 12     |
|   | number        | 5        | 37      | 42        | 35       | 13     | 87       | 12     |
| Manufactured prior to 1998:                                 |               |          |         |           |          |        |          |        |
| Tractors .....  | farms         | 86       | 831     | 1,207     | 731      | 115    | 1,030    | 8      |
|   | number        | 271      | 2,311   | 3,069     | 1,792    | 293    | 2,792    | 20     |
| Less than 40 horsepower (PTO) .....                         | farms         | 53       | 329     | 811       | 432      | 81     | 595      | 4      |
|   | number        | 94       | 619     | 1,374     | 732      | 149    | 836      | (D)    |
| 40 to 99 horsepower (PTO) .....                             | farms         | 65       | 620     | 625       | 444      | 85     | 749      | 6      |
|   | number        | (D)      | 1,102   | 1,168     | 642      | 113    | 1,393    | 15     |
| 100 horsepower (PTO) or more .....                          | farms         | 21       | 324     | 320       | 221      | 22     | 351      | 1      |
|   | number        | (D)      | 590     | 527       | 418      | 31     | 563      | (D)    |
| Grain and bean combines .....                               | farms         | 19       | 308     | 255       | 138      | 12     | 277      | 3      |
|   | number        | 22       | 331     | 279       | 152      | 12     | 314      | (D)    |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer        | Leelanau | Lenawee | Livingston | Luce   | Mackinac | Macomb | Manistee |
|---|---------------|----------|---------|------------|--------|----------|--------|----------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |               |          |         |            |        |          |        |          |
| Estimated market value of all machinery and equipment |               |          |         |            |        |          |        |          |
| farms, 2002   | 1,044         | 395      | 1,414   | 794        | 30     | 68       | 419    | 316      |
| 1997  | 1,223         | 423      | 1,514   | 768        | 36     | 86       | 608    | 331      |
| \$1,000, 2002   | 76,858        | 30,390   | 104,386 | 45,600     | 1,870  | 3,310    | 43,945 | 15,480   |
| 1997  | 74,151        | 28,355   | 104,779 | 49,558     | 1,769  | 2,840    | 35,569 | 12,712   |
| Average per farm                                      | dollars, 2002 | 73,619   | 76,938  | 73,823     | 57,430 | 62,331   | 48,680 | 104,880  |
|   | 1997          | 60,630   | 67,032  | 69,207     | 64,529 | 49,128   | 33,025 | 58,501   |
| Farms by value group:                                 |               |          |         |            |        |          |        |          |
| \$1 to \$9,999  | 2002          | 266      | 66      | 438        | 191    | 10       | 18     | 152      |
|   | 1997          | 237      | 56      | 364        | 142    | 10       | 10     | 76       |
| \$10,000 to \$19,999                                  | 2002          | 216      | 81      | 226        | 233    | 2        | 5      | 68       |
|   | 1997          | 211      | 44      | 204        | 91     | 5        | 18     | 128      |
| \$20,000 to \$29,999                                  | 2002          | 148      | 60      | 148        | 81     | 1        | 10     | 61       |
|   | 1997          | 201      | 67      | 181        | 111    | 7        | 14     | 89       |
| \$30,000 to \$49,999                                  | 2002          | 82       | 42      | 193        | 64     | 2        | 9      | 3        |
|   | 1997          | 235      | 51      | 262        | 166    | 2        | 23     | 93       |
| \$50,000 to \$69,999                                  | 2002          | 97       | 43      | 63         | 58     | 2        | 15     | 50       |
|   | 1997          | 71       | 33      | 70         | 83     | 17       | 17     | 70       |
| \$70,000 to \$99,999                                  | 2002          | 15       | 13      | 81         | 59     | 6        | 3      | 11       |
|   | 1997          | 75       | 74      | 167        | 48     | 5        | 1      | 53       |
| \$100,000 to \$199,999                                | 2002          | 88       | 46      | 98         | 36     | 6        | 5      | 40       |
|   | 1997          | 81       | 67      | 144        | 94     | 3        | 2      | 73       |
| \$200,000 to \$499,999                                | 2002          | 106      | 38      | 139        | 60     | 1        | 3      | 52       |
|   | 1997          | 93       | 27      | 102        | 30     | 2        | 1      | 24       |
| \$500,000 or more                                     | 2002          | 26       | 6       | 28         | 12     | -        | 20     | 10       |
|   | 1997          | 19       | 4       | 20         | 3      | -        | 2      | -        |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |               |          |         |            |        |          |        |          |
| Tractors  | farms, 2002   | 976      | 387     | 1,281      | 754    | 23       | 63     | 382      |
|   | 1997          | 1,113    | 365     | 1,384      | 716    | 29       | 76     | 574      |
|   | number, 2002  | 2,656    | 1,443   | 3,464      | 1,650  | 70       | 189    | 1,384    |
|   | 1997          | 2,970    | 886     | 3,750      | 1,800  | 71       | 210    | 1,385    |
| Less than 40 horsepower (PTO)                         | farms, 2002   | 645      | 211     | 671        | 449    | 16       | 38     | 284      |
|   | 1997          | 693      | 248     | 781        | 496    | 15       | 48     | 353      |
|   | number, 2002  | 867      | 381     | 894        | 588    | 22       | 67     | 633      |
|   | 1997          | 1,063    | 403     | 1,054      | 707    | 28       | 78     | 596      |
| 40 to 99 horsepower (PTO)                             | farms, 2002   | 599      | 323     | 1,079      | 400    | 17       | 51     | 224      |
|   | 1997          | 826      | 228     | 981        | 490    | 21       | 63     | 375      |
|   | number, 2002  | 1,219    | 954     | 1,517      | 700    | 41       | 98     | 488      |
|   | 1997          | 1,387    | (D)     | 1,581      | 800    | (D)      | 110    | 583      |
| 100 horsepower (PTO) or more                          | farms, 2002   | 317      | 57      | 502        | 144    | 4        | 10     | 131      |
|   | 1997          | 347      | 3       | 682        | 169    | 6        | 15     | 152      |
|   | number, 2002  | 570      | 108     | 1,053      | 362    | 7        | 24     | 263      |
|   | 1997          | 520      | (D)     | 1,115      | 293    | (D)      | 22     | 206      |
| Grain and bean combines (see text)                    | farms, 2002   | 216      | 14      | 480        | 93     | 5        | 9      | 89       |
|   | 1997          | 335      | 24      | 658        | 205    | 5        | 28     | 142      |
|   | number, 2002  | 250      | 15      | 510        | 101    | 5        | 10     | 113      |
|   | 1997          | 374      | 24      | 736        | 223    | (D)      | 30     | 179      |
| Cotton pickers and strippers                          | farms, 2002   | -        | -       | -          | -      | -        | -      | -        |
|   | 1997          | -        | -       | -          | -      | -        | -      | -        |
|   | number, 2002  | -        | -       | -          | -      | -        | -      | -        |
|   | 1997          | -        | -       | -          | -      | -        | -      | -        |
| Forage harvesters, self-propelled (see text)          | farms, 2002   | 56       | 2       | 52         | 10     | 1        | 5      | 1        |
|   | 1997          | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
|   | number, 2002  | 72       | (D)     | 55         | 11     | (D)      | 5      | (D)      |
|   | 1997          | (NA)     | (NA)    | (NA)       | (NA)   | (NA)     | (NA)   | (NA)     |
| Hay balers  | farms, 2002   | 417      | 112     | 438        | 244    | 14       | 40     | 46       |
|   | 1997          | 602      | 61      | 271        | 343    | 14       | 54     | 180      |
|   | number, 2002  | 540      | 138     | 475        | 293    | 23       | 49     | 48       |
|   | 1997          | 819      | 62      | 327        | 446    | 24       | 81     | 215      |
| <b>2002 INVENTORY</b>                                 |               |          |         |            |        |          |        |          |
| Manufactured 1998 to 2002:                            |               |          |         |            |        |          |        |          |
| Tractors  | farms         | 198      | 59      | 113        | 139    | 6        | 9      | 63       |
|   | number        | 285      | 124     | 155        | 160    | 11       | 10     | 156      |
| Less than 40 horsepower (PTO)                         | farms         | 83       | 21      | 23         | 104    | -        | 3      | 25       |
|   | number        | 91       | 21      | 23         | 105    | -        | (D)    | 44       |
| 40 to 99 horsepower (PTO)                             | farms         | 112      | 31      | 36         | 33     | 5        | 6      | 39       |
|   | number        | 126      | 83      | 47         | 37     | (D)      | 6      | 72       |
| 100 horsepower (PTO) or more                          | farms         | 44       | 13      | 59         | 8      | 2        | 1      | 16       |
|   | number        | 68       | 20      | 85         | 18     | (D)      | (D)    | 40       |
| Grain and bean combines                               | farms         | 49       | 1       | 56         | 7      | -        | -      | 12       |
|   | number        | 57       | (D)     | 56         | 7      | -        | -      | -        |
| Cotton pickers and strippers                          | farms         | -        | -       | -          | -      | -        | -      | -        |
|   | number        | -        | -       | -          | -      | -        | -      | -        |
| Forage harvesters, self-propelled (see text)          | farms         | 22       | 1       | 22         | 2      | -        | -      | -        |
|   | number        | 22       | (D)     | 22         | (D)    | -        | -      | -        |
| Hay balers  | farms         | 25       | 8       | 22         | 12     | 1        | -      | 18       |
|   | number        | 25       | 8       | 30         | 14     | (D)      | -      | 18       |
| Manufactured prior to 1998:                           |               |          |         |            |        |          |        |          |
| Tractors  | farms         | 872      | 365     | 1,237      | 651    | 22       | 61     | 361      |
|   | number        | 2,371    | 1,319   | 3,309      | 1,490  | 59       | 179    | 1,228    |
| Less than 40 horsepower (PTO)                         | farms         | 564      | 190     | 650        | 353    | 16       | 35     | 271      |
|   | number        | 776      | 360     | 871        | 483    | 22       | (D)    | 589      |
| 40 to 99 horsepower (PTO)                             | farms         | 537      | 316     | 1,057      | 378    | 16       | 49     | 220      |
|   | number        | 1,093    | 871     | 1,470      | 663    | (D)      | 92     | 416      |
| 100 horsepower (PTO) or more                          | farms         | 300      | 51      | 472        | 141    | 3        | 10     | 120      |
|   | number        | 502      | 88      | 968        | 344    | (D)      | (D)    | 223      |
| Grain and bean combines                               | farms         | 168      | 13      | 426        | 86     | 5        | 9      | 79       |
|   | number        | 193      | (D)     | 454        | 94     | 5        | 10     | 101      |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Marquette | Mason  | Mecosta | Menominee | Midland | Missaukee | Monroe | Montcalm |
|---|-----------|--------|---------|-----------|---------|-----------|--------|----------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |           |        |         |           |         |           |        |          |
| Estimated market value of all machinery and equipment |           |        |         |           |         |           |        |          |
| farms, 2002   | 143       | 476    | 777     | 340       | 484     | 412       | 1,156  | 1,126    |
| 1997  | 135       | 476    | 695     | 393       | 497     | 377       | 1,236  | 1,101    |
| \$1,000, 2002   | 6,787     | 35,041 | 29,650  | 19,081    | 36,301  | 29,647    | 91,668 | 110,535  |
| 1997  | 4,617     | 22,538 | 32,191  | 21,148    | 32,987  | 26,599    | 87,344 | 78,152   |
| Average per farm                                      |           |        |         |           |         |           |        |          |
| dollars, 2002   | 47,461    | 73,615 | 38,160  | 56,120    | 75,001  | 71,960    | 79,298 | 98,166   |
| 1997  | 34,201    | 47,348 | 46,318  | 53,811    | 66,372  | 70,553    | 70,667 | 70,983   |
| Farms by value group:                                 |           |        |         |           |         |           |        |          |
| \$1 to \$9,999  | 34        | 107    | 238     | 83        | 188     | 126       | 180    | 403      |
| 1997  | 24        | 97     | 188     | 68        | 60      | 68        | 204    | 255      |
| \$10,000 to \$19,999                                  | 40        | 27     | 136     | 30        | 63      | 79        | 122    | 161      |
| 1997  | 39        | 69     | 98      | 92        | 58      | 81        | 184    | 263      |
| \$20,000 to \$29,999                                  | 18        | 44     | 153     | 60        | 22      | 39        | 210    | 92       |
| 1997  | 27        | 85     | 105     | 24        | 95      | 56        | 164    | 84       |
| \$30,000 to \$49,999                                  | 27        | 166    | 142     | 59        | 47      | 40        | 170    | 99       |
| 1997  | 23        | 90     | 115     | 92        | 146     | 35        | 123    | 156      |
| \$50,000 to \$69,999                                  | 5         | 21     | 9       | 30        | 53      | 24        | 111    | 121      |
| 1997  | 8         | 51     | 87      | 23        | 18      | 14        | 197    | 69       |
| \$70,000 to \$99,999                                  | 6         | 20     | 57      | 17        | 24      | 7         | 109    | 15       |
| 1997  | 6         | 47     | 39      | 40        | 56      | 42        | 77     | 88       |
| \$100,000 to \$199,999                                | 6         | 40     | 22      | 38        | 41      | 60        | 115    | 82       |
| 1997  | 6         | 16     | 30      | 30        | 38      | 31        | 172    | 85       |
| \$200,000 to \$499,999                                | 6         | 47     | 15      | 22        | 26      | 28        | 125    | 79       |
| 1997  | 1         | 19     | 29      | 23        | 11      | 49        | 99     | 81       |
| \$500,000 or more                                     | 2002      | 4      | 5       | 1         | 20      | 9         | 14     | 74       |
| 1997  | 1         | 2      | 4       | 1         | 15      | 1         | 16     | 20       |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |           |        |         |           |         |           |        |          |
| Tractors  |           |        |         |           |         |           |        |          |
| farms, 2002   | 133       | 476    | 659     | 319       | 455     | 403       | 1,098  | 1,102    |
| 1997  | 115       | 466    | 674     | 337       | 423     | 349       | 1,158  | 1,010    |
| number, 2002  | 340       | 1,353  | 1,878   | 923       | 1,153   | 957       | 3,303  | 2,909    |
| 1997  | 250       | 1,295  | 1,607   | 945       | 1,179   | 779       | 3,302  | 2,996    |
| Less than 40 horsepower (PTO)                         |           |        |         |           |         |           |        |          |
| farms, 2002   | 94        | 255    | 398     | 167       | 272     | 169       | 500    | 595      |
| 1997  | 83        | 228    | 413     | 227       | 268     | 182       | 731    | 553      |
| number, 2002  | 162       | 445    | 816     | 243       | 417     | 248       | 795    | 825      |
| 1997  | 134       | 449    | 603     | 358       | 400     | 254       | 1,145  | 834      |
| 40 to 99 horsepower (PTO)                             |           |        |         |           |         |           |        |          |
| farms, 2002   | 79        | 323    | 448     | 267       | 325     | 280       | 805    | 813      |
| 1997  | 76        | 386    | 471     | 235       | 339     | 220       | 878    | 819      |
| number, 2002  | 141       | 635    | 769     | 502       | 508     | 469       | 1,461  | 1,373    |
| 1997  | 101       | 688    | 740     | 452       | 501     | 348       | 1,366  | 1,562    |
| 100 horsepower (PTO) or more                          |           |        |         |           |         |           |        |          |
| farms, 2002   | 20        | 118    | 163     | 112       | 144     | 104       | 486    | 317      |
| 1997  | 8         | 120    | 193     | 87        | 162     | 100       | 483    | 296      |
| number, 2002  | 37        | 273    | 293     | 178       | 228     | 240       | 1,047  | 711      |
| 1997  | 15        | 158    | 264     | 135       | 278     | 177       | 801    | 600      |
| Grain and bean combines (see text)                    |           |        |         |           |         |           |        |          |
| farms, 2002   | 9         | 73     | 88      | 92        | 125     | 30        | 428    | 203      |
| 1997  | 17        | 120    | 142     | 90        | 178     | 42        | 531    | 331      |
| number, 2002  | 10        | 86     | 90      | 97        | 141     | 31        | 458    | 225      |
| 1997  | 17        | 132    | 162     | 96        | 230     | 43        | 610    | 443      |
| Cotton pickers and strippers                          |           |        |         |           |         |           |        |          |
| farms, 2002   | -         | -      | -       | -         | -       | -         | -      | -        |
| 1997  | -         | -      | -       | -         | -       | -         | -      | -        |
| number, 2002  | -         | -      | -       | -         | -       | -         | -      | -        |
| 1997  | -         | -      | -       | -         | -       | -         | -      | -        |
| Forage harvesters, self-propelled (see text)          |           |        |         |           |         |           |        |          |
| farms, 2002   | 3         | 2      | 3       | 14        | 13      | 27        | 26     | 63       |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| number, 2002  | 3         | 3      | 3       | 14        | 13      | 27        | 26     | 77       |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| Hay balers  |           |        |         |           |         |           |        |          |
| farms, 2002   | 66        | 204    | 322     | 198       | 124     | 193       | 223    | 506      |
| 1997  | 43        | 242    | 313     | 218       | 183     | 190       | 266    | 514      |
| number, 2002  | 87        | 248    | 466     | 260       | 153     | 228       | 265    | 644      |
| 1997  | 58        | 313    | 454     | 284       | 206     | 250       | 299    | 664      |
| <b>2002 INVENTORY</b>                                 |           |        |         |           |         |           |        |          |
| Manufactured 1998 to 2002:                            |           |        |         |           |         |           |        |          |
| Tractors  |           |        |         |           |         |           |        |          |
| farms   | 17        | 45     | 70      | 21        | 37      | 76        | 129    | 181      |
| number  | 34        | 109    | 170     | 28        | 113     | 155       | 191    | 264      |
| Less than 40 horsepower (PTO)                         |           |        |         |           |         |           |        |          |
| farms   | 11        | 26     | 42      | 6         | 30      | 25        | 76     | 94       |
| number  | 11        | 62     | 132     | 7         | 66      | 65        | 102    | 96       |
| 40 to 99 horsepower (PTO)                             |           |        |         |           |         |           |        |          |
| farms   | 5         | 12     | 16      | 10        | 19      | 41        | 14     | 46       |
| number  | 16        | 13     | 16      | 12        | 38      | 47        | 16     | 61       |
| 100 horsepower (PTO) or more                          |           |        |         |           |         |           |        |          |
| farms   | 4         | 14     | 15      | 8         | 6       | 27        | 54     | 58       |
| number  | 7         | 34     | 22      | 9         | 9       | 43        | 73     | 107      |
| Grain and bean combines                               |           |        |         |           |         |           |        |          |
| farms   | -         | 12     | -       | -         | 21      | 7         | 25     | 4        |
| number  | -         | 12     | -       | -         | 22      | 7         | 26     | 4        |
| Cotton pickers and strippers                          |           |        |         |           |         |           |        |          |
| farms   | -         | -      | -       | -         | -       | -         | -      | -        |
| number  | -         | -      | -       | -         | -       | -         | -      | -        |
| Forage harvesters, self-propelled (see text)          |           |        |         |           |         |           |        |          |
| farms   | -         | 1      | -       | 1         | 1       | 6         | 8      | 3        |
| number  | -         | (D)    | -       | (D)       | (D)     | 6         | 8      | 3        |
| Hay balers  |           |        |         |           |         |           |        |          |
| farms   | 5         | 17     | 11      | 6         | 7       | 31        | 51     | 37       |
| number  | 7         | 17     | 11      | 6         | 7       | 31        | 51     | 37       |
| Manufactured prior to 1998:                           |           |        |         |           |         |           |        |          |
| Tractors  |           |        |         |           |         |           |        |          |
| farms   | 126       | 459    | 634     | 318       | 425     | 377       | 1,059  | 1,033    |
| number  | 306       | 1,244  | 1,708   | 895       | 1,040   | 802       | 3,112  | 2,645    |
| Less than 40 horsepower (PTO)                         |           |        |         |           |         |           |        |          |
| farms   | 88        | 234    | 374     | 161       | 242     | 146       | 450    | 516      |
| number  | 151       | 383    | 684     | 236       | 351     | 183       | 693    | 729      |
| 40 to 99 horsepower (PTO)                             |           |        |         |           |         |           |        |          |
| farms   | 76        | 317    | 447     | 264       | 307     | 263       | 792    | 776      |
| number  | 125       | 622    | 753     | 490       | 470     | 422       | 1,445  | 1,312    |
| 100 horsepower (PTO) or more                          |           |        |         |           |         |           |        |          |
| farms   | 18        | 118    | 162     | 112       | 143     | 104       | 484    | 296      |
| number  | 30        | 239    | 271     | 169       | 219     | 197       | 974    | 604      |
| Grain and bean combines                               |           |        |         |           |         |           |        |          |
| farms   | 9         | 71     | 88      | 92        | 104     | 23        | 406    | 199      |
| number  | 10        | 74     | 90      | 97        | 119     | 24        | 432    | 221      |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency | Muskegon | Newaygo | Oakland | Oceana | Ogemaw | Ontonagon | Osceola |
|---|-------------|----------|---------|---------|--------|--------|-----------|---------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>               |             |          |         |         |        |        |           |         |
| Estimated market value of all machinery and equipment |             |          |         |         |        |        |           |         |
| farms, 2002   | 129         | 477      | 849     | 582     | 577    | 256    | 101       | 588     |
| 1997  | 122         | 490      | 785     | 678     | 650    | 297    | 103       | 578     |
| \$1,000, 2002   | 6,660       | 30,372   | 48,606  | 27,626  | 54,114 | 23,962 | 4,767     | 27,092  |
| 1997  | 5,225       | 32,048   | 41,471  | 29,252  | 45,210 | 21,139 | 3,792     | 32,589  |
| Average per farm                                      | .....       | 51,627   | 63,674  | 57,251  | 47,468 | 93,785 | 93,600    | 46,075  |
| dollars, 2002   |             |          |         |         |        |        | 47,202    |         |
| 1997  | 42,828      | 65,404   | 52,829  | 43,144  | 69,554 | 71,175 | 36,814    | 56,383  |
| Farms by value group:                                 |             |          |         |         |        |        |           |         |
| \$1 to \$9,999  | 2002        | 46       | 167     | 336     | 207    | 161    | 47        | 35      |
| 1997  | 1997        | 16       | 124     | 209     | 134    | 181    | 39        | 21      |
| \$10,000 to \$19,999                                  | 2002        | 21       | 55      | 65      | 82     | 74     | 68        | 15      |
| 1997  | 1997        | 38       | 57      | 168     | 164    | 106    | 55        | 24      |
| \$20,000 to \$29,999                                  | 2002        | 17       | 36      | 90      | 50     | 56     | 21        | 71      |
| 1997  | 1997        | 13       | 51      | 138     | 70     | 19     | 52        | 16      |
| \$30,000 to \$49,999                                  | 2002        | 9        | 44      | 119     | 91     | 47     | 14        | 10      |
| 1997  | 1997        | 18       | 49      | 63      | 149    | 135    | 48        | 89      |
| \$50,000 to \$69,999                                  | 2002        | 14       | 35      | 38      | 59     | 56     | 13        | 15      |
| 1997  | 1997        | 19       | 51      | 78      | 59     | 58     | 14        | 10      |
| \$70,000 to \$99,999                                  | 2002        | 5        | 36      | 69      | 13     | 55     | 18        | 7       |
| 1997  | 6           | 46       | 22      | 58      | 10     | 34     | 11        | 38      |
| \$100,000 to \$199,999                                | 2002        | 11       | 66      | 82      | 52     | 36     | 31        | 7       |
| 1997  | 8           | 74       | 51      | 30      | 51     | 23     | 8         | 24      |
| \$200,000 to \$499,999                                | 2002        | 4        | 35      | 35      | 25     | 73     | 38        | 5       |
| 1997  | 4           | 32       | 50      | 12      | 87     | 30     | 1         | 29      |
| \$500,000 or more                                     | 2002        | 2        | 3       | 15      | 3      | 19     | 6         | -       |
| 1997  | -           | 6        | 6       | 2       | 3      | 2      | -         | 4       |
| -   | -           | -        | -       | -       | -      | -      | -         | 6       |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>               |             |          |         |         |        |        |           |         |
| Tractors  |             |          |         |         |        |        |           |         |
| farms, 2002   | 123         | 448      | 827     | 519     | 528    | 252    | 98        | 522     |
| 1997  | 113         | 455      | 762     | 633     | 581    | 288    | 100       | 503     |
| number, 2002  | 254         | 1,235    | 2,856   | 981     | 1,561  | 1,011  | 320       | 1,522   |
| 1997  | 252         | 1,165    | 1,844   | 1,254   | 1,708  | 749    | 284       | 1,241   |
| Less than 40 horsepower (PTO)                         |             |          |         |         |        |        |           |         |
| farms, 2002   | 62          | 238      | 510     | 289     | 291    | 172    | 63        | 304     |
| 1997  | 71          | 260      | 446     | 476     | 352    | 173    | 73        | 287     |
| number, 2002  | 81          | 450      | 1,134   | 451     | 376    | 256    | 121       | 393     |
| 1997  | 97          | 387      | 666     | 683     | 577    | 215    | 120       | 443     |
| 40 to 99 horsepower (PTO)                             |             |          |         |         |        |        |           |         |
| farms, 2002   | 93          | 352      | 620     | 282     | 419    | 191    | 79        | 397     |
| 1997  | 84          | 303      | 532     | 281     | 483    | 226    | 75        | 354     |
| number, 2002  | 133         | 632      | 1,289   | 438     | 1,042  | 497    | 166       | 880     |
| 1997  | (D)         | 594      | 837     | 462     | 970    | 411    | (D)       | 632     |
| 100 horsepower (PTO) or more                          |             |          |         |         |        |        |           |         |
| farms, 2002   | 28          | 72       | 249     | 71      | 76     | 108    | 20        | 151     |
| 1997  | 31          | 86       | 204     | 95      | 99     | 57     | 24        | 93      |
| number, 2002  | 40          | 153      | 433     | 92      | 143    | 258    | 33        | 249     |
| 1997  | (D)         | 184      | 341     | 109     | 161    | 123    | (D)       | 166     |
| Grain and bean combines (see text)                    |             |          |         |         |        |        |           |         |
| farms, 2002   | 17          | 44       | 91      | 27      | 37     | 68     | 20        | 92      |
| 1997  | 21          | 68       | 117     | 45      | 110    | 111    | 38        | 124     |
| number, 2002  | 19          | 48       | 104     | 28      | 37     | 70     | 26        | 92      |
| 1997  | 25          | 71       | 117     | 47      | 115    | 116    | 44        | 135     |
| Cotton pickers and strippers                          |             |          |         |         |        |        |           |         |
| farms, 2002   | -           | -        | -       | -       | -      | -      | -         | -       |
| 1997  | -           | -        | -       | -       | -      | -      | -         | -       |
| number, 2002  | -           | -        | -       | -       | -      | -      | -         | -       |
| 1997  | -           | -        | -       | -       | -      | -      | -         | -       |
| Forage harvesters, self-propelled (see text)          |             |          |         |         |        |        |           |         |
| farms, 2002   | 3           | 29       | 7       | 12      | 8      | 28     | 6         | 32      |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| number, 2002  | 55          | 8        | 12      | 8       | 8      | 36     | 6         | 32      |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)    | (NA)   | (NA)   | (NA)      | (NA)    |
| Hay balers  |             |          |         |         |        |        |           |         |
| farms, 2002   | 72          | 158      | 463     | 116     | 169    | 182    | 82        | 283     |
| 1997  | 66          | 169      | 366     | 155     | 237    | 175    | 87        | 338     |
| number, 2002  | 98          | 190      | 556     | 138     | 193    | 245    | 118       | 370     |
| 1997  | 84          | 177      | 429     | 214     | 286    | 271    | 116       | 467     |
| <b>2002 INVENTORY</b>                                 |             |          |         |         |        |        |           |         |
| Manufactured 1998 to 2002:                            |             |          |         |         |        |        |           |         |
| Tractors  |             |          |         |         |        |        |           |         |
| farms   | 24          | 66       | 102     | 193     | 69     | 34     | 4         | 65      |
| number  | 30          | 83       | 164     | 216     | 132    | 45     | 11        | 87      |
| Less than 40 horsepower (PTO)                         |             |          |         |         |        |        |           |         |
| farms   | 5           | 29       | 67      | 59      | 13     | 14     | 2         | 17      |
| number  | 5           | 29       | 95      | 78      | 15     | 15     | (D)       | 18      |
| 40 to 99 horsepower (PTO)                             |             |          |         |         |        |        |           |         |
| farms   | 17          | 36       | 19      | 121     | 51     | 8      | 2         | 47      |
| number  | 17          | 40       | 31      | 124     | 92     | 12     | (D)       | 62      |
| 100 horsepower (PTO) or more                          |             |          |         |         |        |        |           |         |
| farms   | 6           | 7        | 22      | 14      | 16     | 17     | 1         | 5       |
| number  | 8           | 14       | 38      | 14      | 25     | 18     | (D)       | 7       |
| Grain and bean combines                               |             |          |         |         |        |        |           |         |
| farms   | -           | 2        | 3       | 13      | 2      | -      | 1         | -       |
| number  | -           | (D)      | 3       | 13      | (D)    | -      | (D)       | -       |
| Cotton pickers and strippers                          |             |          |         |         |        |        |           |         |
| farms   | -           | -        | -       | -       | -      | -      | -         | -       |
| number  | -           | -        | -       | -       | -      | -      | -         | -       |
| Forage harvesters, self-propelled (see text)          |             |          |         |         |        |        |           |         |
| farms   | 1           | 1        | 1       | -       | -      | 12     | 1         | 2       |
| number  | (D)         | (D)      | (D)     | -       | -      | 12     | (D)       | (D)     |
| Hay balers  |             |          |         |         |        |        |           |         |
| farms   | 8           | 25       | 67      | -       | 3      | 14     | 5         | 34      |
| number  | 9           | 26       | 67      | -       | 4      | 19     | 5         | 35      |
| Manufactured prior to 1998:                           |             |          |         |         |        |        |           |         |
| Tractors  |             |          |         |         |        |        |           |         |
| farms   | 113         | 418      | 801     | 385     | 526    | 248    | 97        | 520     |
| number  | 224         | 1,152    | 2,692   | 765     | 1,429  | 966    | 309       | 1,435   |
| Less than 40 horsepower (PTO)                         |             |          |         |         |        |        |           |         |
| farms   | 57          | 210      | 456     | 261     | 289    | 159    | 62        | 287     |
| number  | 76          | 421      | 1,039   | 373     | 361    | 241    | (D)       | 375     |
| 40 to 99 horsepower (PTO)                             |             |          |         |         |        |        |           |         |
| farms   | 81          | 339      | 617     | 173     | 418    | 191    | 78        | 395     |
| number  | 116         | 592      | 1,258   | 314     | 950    | 485    | (D)       | 818     |
| 100 horsepower (PTO) or more                          |             |          |         |         |        |        |           |         |
| farms   | 26          | 68       | 246     | 58      | 72     | 103    | 20        | 149     |
| number  | 32          | 139      | 395     | 78      | 118    | 240    | (D)       | 242     |
| Grain and bean combines                               |             |          |         |         |        |        |           |         |
| farms   | 17          | 43       | 88      | 14      | 35     | 68     | 19        | 92      |
| number  | 19          | (D)      | 101     | 15      | (D)    | 70     | (D)       | 92      |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda        | Otsego | Ottawa  | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
|---|---------------|--------|---------|--------------|-----------|---------|-----------|------------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>                     |               |        |         |              |           |         |           |            |
| Estimated market value of all machinery and equipment ..... |               |        |         |              |           |         |           |            |
| farms, 2002   | 112           | 147    | 1,232   | 301          | 43        | 1,339   | 1,190     | 908        |
| 1997  | 95            | 162    | 1,493   | 338          | 44        | 1,320   | 1,120     | 918        |
| \$1,000, 2002   | 4,376         | 9,992  | 105,005 | 18,207       | 994       | 110,103 | 75,968    | 111,618    |
| 1997  | 2,487         | 9,445  | 107,448 | 12,391       | 1,013     | 99,274  | 59,190    | 82,368     |
| Average per farm .....                                      | dollars, 2002 | 39,069 | 67,976  | 85,231       | 60,488    | 23,106  | 82,227    | 63,838     |
|   | 1997          | 26,181 | 58,305  | 71,968       | 36,658    | 23,025  | 75,207    | 52,848     |
| Farms by value group:                                       |               |        |         |              |           |         |           |            |
| \$1 to \$9,999 .....  | 2002          | 27     | 33      | 227          | 69        | 16      | 399       | 269        |
|   | 1997          | 22     | 5       | 305          | 51        | 8       | 207       | 214        |
| \$10,000 to \$19,999 .....                                  | 2002          | 22     | 16      | 199          | 78        | 13      | 163       | 199        |
|   | 1997          | 31     | 23      | 339          | 116       | 17      | 234       | 293        |
| \$20,000 to \$29,999 .....                                  | 2002          | 11     | 21      | 97           | 35        | 4       | 94        | 275        |
|   | 1997          | 13     | 24      | 158          | 49        | 9       | 247       | 183        |
| \$30,000 to \$49,999 .....                                  | 2002          | 12     | 19      | 207          | 34        | 6       | 168       | 104        |
|   | 1997          | 10     | 59      | 159          | 63        | 4       | 120       | 59         |
| \$50,000 to \$69,999 .....                                  | 2002          | 17     | 15      | 162          | 8         | 2       | 152       | 56         |
|   | 1997          | 10     | 11      | 77           | 28        | 5       | 141       | 90         |
| \$70,000 to \$99,999 .....                                  | 2002          | 14     | 16      | 75           | 15        | -       | 55        | 70         |
|   | 1997          | 9      | 12      | 156          | 11        | -       | 78        | 96         |
| \$100,000 to \$199,999 .....                                | 2002          | 8      | 16      | 146          | 43        | 1       | 109       | 116        |
|   | 1997          | -      | 23      | 194          | 10        | 1       | 144       | 71         |
| \$200,000 to \$499,999 .....                                | 2002          | 1      | 9       | 85           | 18        | 1       | 173       | 104        |
|   | 1997          | -      | 4       | 87           | 9         | -       | 134       | 51         |
| \$500,000 or more .....                                     | 2002          | -      | 2       | 34           | 1         | -       | 26        | 86         |
|   | 1997          | -      | 1       | 18           | 1         | -       | 15        | 10         |
|   |               |        |         |              |           |         |           | 30         |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>                     |               |        |         |              |           |         |           |            |
| Tractors .....  | farms, 2002   | 97     | 134     | 1,167        | 286       | 36      | 1,229     | 1,189      |
|   | 1997          | 84     | 148     | 1,289        | 307       | 38      | 1,215     | 1,059      |
|   | number, 2002  | 230    | 404     | 4,188        | 877       | 78      | 3,839     | 3,182      |
|   | 1997          | 155    | 423     | 3,678        | 819       | 87      | 3,749     | 2,692      |
| Less than 40 horsepower (PTO) .....                         | farms, 2002   | 46     | 74      | 760          | 178       | 31      | 577       | 794        |
|   | 1997          | 44     | 113     | 816          | 210       | 26      | 736       | 598        |
|   | number, 2002  | 75     | 150     | 1,509        | 339       | 44      | 1,066     | 1,166      |
|   | 1997          | 59     | 177     | 1,334        | 358       | (D)     | 1,306     | 881        |
| 40 to 99 horsepower (PTO) .....                             | farms, 2002   | 67     | 115     | 839          | 211       | 21      | 913       | 652        |
|   | 1997          | 59     | 104     | 928          | 233       | 21      | 869       | 798        |
|   | number, 2002  | 128    | 208     | 1,879        | 385       | 29      | 1,780     | 1,485      |
|   | 1997          | 83     | 170     | 1,762        | 392       | (D)     | 1,489     | 1,293      |
| 100 horsepower (PTO) or more .....                          | farms, 2002   | 17     | 33      | 444          | 88        | 3       | 474       | 290        |
|   | 1997          | 12     | 54      | 313          | 43        | 1       | 541       | 345        |
|   | number, 2002  | 27     | 46      | 800          | 153       | 5       | 993       | 531        |
|   | 1997          | 13     | 76      | 582          | 69        | (D)     | 954       | 518        |
| Grain and bean combines (see text) .....                    | farms, 2002   | 9      | 31      | 197          | 80        | 6       | 620       | 329        |
|   | 1997          | 8      | 58      | 183          | 116       | 7       | 767       | 440        |
|   | number, 2002  | 10     | 33      | 223          | 84        | 6       | 798       | 401        |
|   | 1997          | 9      | 66      | 199          | 125       | 7       | 966       | 492        |
| Cotton pickers and strippers .....                          | farms, 2002   | -      | -       | -            | -         | -       | -         | -          |
|   | 1997          | -      | -       | -            | -         | -       | -         | -          |
|   | number, 2002  | -      | -       | -            | -         | -       | -         | -          |
|   | 1997          | -      | -       | -            | -         | -       | -         | -          |
| Forage harvesters, self-propelled (see text) .....          | farms, 2002   | -      | 9       | 34           | 8         | 2       | 101       | 24         |
|   | 1997          | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
|   | number, 2002  | 18     | 36      | 14           | (D)       | (NA)    | 108       | 33         |
|   | 1997          | (NA)   | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Hay balers .....  | farms, 2002   | 76     | 62      | 460          | 178       | 26      | 360       | 441        |
|   | 1997          | 55     | 85      | 450          | 190       | 17      | 249       | 416        |
|   | number, 2002  | 101    | 80      | 552          | 242       | 29      | 390       | 558        |
|   | 1997          | 65     | 104     | 543          | 244       | 20      | 260       | 518        |
| <b>2002 INVENTORY</b>                                       |               |        |         |              |           |         |           |            |
| Manufactured 1998 to 2002:                                  |               |        |         |              |           |         |           |            |
| Tractors .....  | farms         | 12     | 12      | 125          | 40        | 4       | 158       | 245        |
|   | number        | 12     | 16      | 286          | 48        | 4       | 245       | 309        |
| Less than 40 horsepower (PTO) .....                         | farms         | 6      | 11      | 56           | 2         | 4       | 33        | 149        |
|   | number        | 6      | 11      | 82           | (D)       | 4       | 38        | 153        |
| 40 to 99 horsepower (PTO) .....                             | farms         | 6      | 4       | 73           | 33        | -       | 89        | 92         |
|   | number        | 6      | (D)     | 133          | 33        | -       | 125       | 99         |
| 100 horsepower (PTO) or more .....                          | farms         | -      | 1       | 35           | 7         | -       | 43        | 28         |
|   | number        | -      | (D)     | 71           | (D)       | -       | 82        | 50         |
| Grain and bean combines .....                               | farms         | -      | -       | 13           | -         | -       | 21        | 15         |
|   | number        | -      | -       | 13           | -         | -       | 24        | 17         |
| Cotton pickers and strippers .....                          | farms         | -      | -       | -            | -         | -       | -         | -          |
|   | number        | -      | -       | -            | -         | -       | -         | -          |
| Forage harvesters, self-propelled (see text) .....          | farms         | -      | -       | 2            | 2         | -       | 2         | -          |
|   | number        | -      | -       | (D)          | (D)       | -       | (D)       | -          |
| Hay balers .....  | farms         | 11     | 5       | 14           | 19        | -       | 10        | 4          |
|   | number        | 11     | 5       | 15           | 24        | -       | 10        | 5          |
| Manufactured prior to 1998:                                 |               |        |         |              |           |         |           |            |
| Tractors .....  | farms         | 95     | 130     | 1,123        | 286       | 32      | 1,160     | 1,092      |
|   | number        | 218    | 388     | 3,902        | 829       | 74      | 3,594     | 2,873      |
| Less than 40 horsepower (PTO) .....                         | farms         | 44     | 63      | 725          | 176       | 27      | 549       | 679        |
|   | number        | 69     | 139     | 1,427        | (D)       | 40      | 1,028     | 1,013      |
| 40 to 99 horsepower (PTO) .....                             | farms         | 63     | 111     | 803          | 206       | 21      | 855       | 647        |
|   | number        | 122    | (D)     | 1,746        | 352       | 29      | 1,655     | 1,386      |
| 100 horsepower (PTO) or more .....                          | farms         | 17     | 32      | 434          | 87        | 3       | 471       | 273        |
|   | number        | 27     | (D)     | 729          | (D)       | 5       | 911       | 474        |
| Grain and bean combines .....                               | farms         | 9      | 31      | 184          | 80        | 6       | 606       | 318        |
|   | number        | 10     | 33      | 210          | 84        | 6       | 774       | 384        |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac       | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne  | Wexford |
|---|---------------|-------------|------------|---------|-----------|-----------|--------|---------|
| <b>VALUE OF MACHINERY AND EQUIPMENT</b>                     |               |             |            |         |           |           |        |         |
| Estimated market value of all machinery and equipment ..... |               |             |            |         |           |           |        |         |
| farms, 2002   | 1,526         | 52          | 1,020      | 1,222   | 1,111     | 1,241     | 321    | 341     |
| 1997  | 1,629         | 52          | 1,065      | 1,306   | 1,217     | 1,208     | 367    | 298     |
| \$1,000, 2002   | 195,783       | 2,049       | 79,482     | 130,951 | 81,673    | 70,044    | 17,247 | 9,006   |
| 1997  | 140,131       | 1,868       | 84,771     | 126,698 | 75,000    | 63,453    | 22,379 | 10,015  |
| Average per farm .....                                      | dollars, 2002 | 128,298     | 39,408     | 77,924  | 107,161   | 73,513    | 56,441 | 53,727  |
|   | 1997          | 86,023      | 35,924     | 79,597  | 97,013    | 61,627    | 52,527 | 26,412  |
|   |               |             |            |         |           |           |        | 33,606  |
| Farms by value group:                                       |               |             |            |         |           |           |        |         |
| \$1 to \$9,999 .....  | 2002          | 372         | 8          | 138     | 335       | 301       | 509    | 134     |
|   | 1997          | 362         | 6          | 195     | 215       | 262       | 180    | 50      |
| \$10,000 to \$19,999 .....                                  | 2002          | 147         | 15         | 220     | 122       | 179       | 135    | 38      |
|   | 1997          | 226         | 14         | 186     | 195       | 279       | 262    | 72      |
| \$20,000 to \$29,999 .....                                  | 2002          | 119         | 6          | 209     | 142       | 134       | 128    | 30      |
|   | 1997          | 206         | 4          | 132     | 169       | 103       | 187    | 49      |
| \$30,000 to \$49,999 .....                                  | 2002          | 133         | 11         | 110     | 81        | 116       | 78     | 54      |
|   | 1997          | 209         | 15         | 189     | 143       | 187       | 171    | 38      |
| \$50,000 to \$69,999 .....                                  | 2002          | 116         | 4          | 84      | 152       | 74        | 66     | 5       |
|   | 1997          | 149         | 3          | 73      | 116       | 88        | 181    | 1       |
| \$70,000 to \$99,999 .....                                  | 2002          | 85          | 2          | 84      | 46        | 80        | 92     | 6       |
|   | 1997          | 81          | 8          | 45      | 78        | 101       | 71     | -       |
| \$100,000 to \$199,999 .....                                | 2002          | 195         | 6          | 91      | 161       | 127       | 140    | 14      |
|   | 1997          | 177         | 2          | 108     | 220       | 125       | 94     | 23      |
| \$200,000 to \$499,999 .....                                | 2002          | 246         | -          | 60      | 129       | 80        | 71     | 15      |
|   | 1997          | 171         | -          | 116     | 128       | 56        | 55     | 11      |
| \$500,000 or more .....                                     | 2002          | 113         | -          | 24      | 54        | 20        | 22     | 10      |
|   | 1997          | 48          | -          | 21      | 42        | 16        | 7      | 6       |
|   |               |             |            |         |           |           | 5      | 1       |
| <b>SELECTED MACHINERY AND EQUIPMENT</b>                     |               |             |            |         |           |           |        |         |
| Tractors .....  | farms, 2002   | 1,449       | 46         | 950     | 1,126     | 1,013     | 1,106  | 300     |
|   | 1997          | 1,534       | 51         | 1,048   | 1,202     | 1,103     | 1,151  | 338     |
|   | number, 2002  | 5,232       | 121        | 2,812   | 3,716     | 3,514     | 3,633  | 570     |
|   | 1997          | 4,764       | 119        | 2,932   | 3,561     | 3,246     | 3,142  | 739     |
| Less than 40 horsepower (PTO) .....                         | farms, 2002   | 714         | 26         | 521     | 623       | 727       | 849    | 178     |
|   | 1997          | 621         | 39         | 654     | 727       | 691       | 738    | 214     |
|   | number, 2002  | 1,268       | 34         | 800     | 1,176     | 1,516     | 1,425  | 254     |
|   | 1997          | 1,025       | 61         | 992     | 1,233     | 1,295     | 1,153  | 318     |
| 40 to 99 horsepower (PTO) .....                             | farms, 2002   | 1,193       | 33         | 649     | 820       | 762       | 605    | 286     |
|   | 1997          | 1,228       | 32         | 744     | 776       | 807       | 741    | 162     |
|   | number, 2002  | 2,359       | 71         | 1,151   | 1,529     | 1,653     | 1,431  | 320     |
|   | 1997          | 2,478       | 50         | 1,222   | 1,293     | 1,499     | 1,362  | 201     |
| 100 horsepower (PTO) or more .....                          | farms, 2002   | 651         | 9          | 421     | 494       | 189       | 357    | 56      |
|   | 1997          | 705         | 5          | 471     | 513       | 276       | 412    | 40      |
|   | number, 2002  | 1,605       | 16         | 861     | 1,011     | 345       | 777    | 51      |
|   | 1997          | 1,261       | 8          | 718     | 1,035     | 452       | 627    | 37      |
| Grain and bean combines (see text) .....                    | farms, 2002   | 566         | 6          | 422     | 509       | 128       | 314    | 30      |
|   | 1997          | 656         | 15         | 560     | 603       | 247       | 402    | 49      |
|   | number, 2002  | 630         | 6          | 475     | 647       | 138       | 373    | 55      |
|   | 1997          | 752         | 18         | 663     | 747       | 285       | 446    | 37      |
| Cotton pickers and strippers .....                          | farms, 2002   | -           | -          | -       | -         | -         | -      | -       |
|   | 1997          | -           | -          | -       | -         | -         | -      | -       |
|   | number, 2002  | -           | -          | -       | -         | -         | -      | -       |
|   | 1997          | -           | -          | -       | -         | -         | -      | -       |
| Forage harvesters, self-propelled (see text) .....          | farms, 2002   | 89          | 2          | 19      | 85        | 67        | 28     | 6       |
|   | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
|   | number, 2002  | 92          | (D)        | 23      | 120       | 81        | 29     | 6       |
|   | 1997          | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Hay balers .....  | farms, 2002   | 616         | 27         | 352     | 322       | 231       | 356    | 104     |
|   | 1997          | 713         | 27         | 396     | 433       | 315       | 522    | 136     |
|   | number, 2002  | 771         | 35         | 413     | 401       | 316       | 443    | 118     |
|   | 1997          | 852         | 38         | 490     | 502       | 392       | 614    | 176     |
| <b>2002 INVENTORY</b>                                       |               |             |            |         |           |           |        |         |
| Manufactured 1998 to 2002:                                  |               |             |            |         |           |           |        |         |
| Tractors .....  | farms         | 247         | 2          | 131     | 152       | 247       | 139    | 61      |
|   | number        | 511         | (D)        | 202     | 232       | 579       | 289    | 25      |
| Less than 40 horsepower (PTO) .....                         | farms         | 129         | 1          | 51      | 10        | 62        | 121    | 31      |
|   | number        | 248         | (D)        | 52      | 10        | 216       | 225    | 9       |
| 40 to 99 horsepower (PTO) .....                             | farms         | 77          | 1          | 57      | 86        | 197       | 14     | 49      |
|   | number        | 98          | (D)        | 75      | 88        | 320       | 19     | 16      |
| 100 horsepower (PTO) or more .....                          | farms         | 84          | -          | 49      | 63        | 17        | 40     | 4       |
|   | number        | 165         | -          | 75      | 134       | 43        | 45     | 6       |
| Grain and bean combines .....                               | farms         | 38          | -          | 38      | 23        | 8         | 44     | -       |
|   | number        | 40          | -          | 38      | 23        | 10        | 44     | -       |
| Cotton pickers and strippers .....                          | farms         | -           | -          | -       | -         | -         | -      | -       |
|   | number        | -           | -          | -       | -         | -         | -      | -       |
| Forage harvesters, self-propelled (see text) .....          | farms         | 3           | -          | 3       | 13        | 2         | -      | -       |
|   | number        | 3           | -          | 3       | 13        | (D)       | -      | -       |
| Hay balers .....  | farms         | 39          | 1          | 17      | 31        | 29        | 47     | 4       |
|   | number        | 40          | (D)        | 20      | 32        | 42        | 48     | 4       |
| Manufactured prior to 1998:                                 |               |             |            |         |           |           |        |         |
| Tractors .....  | farms         | 1,387       | 45         | 938     | 1,061     | 918       | 1,044  | 269     |
|   | number        | 4,721       | (D)        | 2,610   | 3,484     | 2,935     | 3,344  | 539     |
| Less than 40 horsepower (PTO) .....                         | farms         | 648         | 26         | 482     | 615       | 692       | 760    | 207     |
|   | number        | 1,020       | (D)        | 748     | 1,166     | 1,300     | 1,200  | 309     |
| 40 to 99 horsepower (PTO) .....                             | farms         | 1,158       | 32         | 645     | 749       | 643       | 603    | 144     |
|   | number        | 2,261       | (D)        | 1,076   | 1,441     | 1,333     | 1,412  | 145     |
| 100 horsepower (PTO) or more .....                          | farms         | 639         | 9          | 408     | 468       | 182       | 337    | 185     |
|   | number        | 1,440       | 16         | 786     | 877       | 302       | 732    | 30      |
| Grain and bean combines .....                               | farms         | 537         | 6          | 387     | 489       | 123       | 270    | 45      |
|   | number        | 590         | 6          | 437     | 624       | 128       | 329    | 17      |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan       | Alcona     | Alger     | Allegan    | Alpena   | Antrim    | Arenac   |          |
|--|----------------|------------|-----------|------------|----------|-----------|----------|----------|
| <b>2002 INVENTORY - Con.</b>                       |                |            |           |            |          |           |          |          |
| Manufactured prior to 1998 - Con.                  |                |            |           |            |          |           |          |          |
| Cotton pickers and strippers .....                 | -              | -          | -         | -          | -        | -         | -        |          |
| farms number                                       |                |            |           |            |          |           |          |          |
| Forage harvesters, self-propelled (see text) ..... | 1,721          | 11         | 2         | 60         | 27       | 14        | 12       |          |
| farms number                                       | 2,008          | 11         | (D)       | 68         | 27       | 17        | (D)      |          |
| Hay balers .....                                   | 17,522         | 118        | 34        | 491        | 163      | 68        | 90       |          |
| farms number                                       | 21,392         | 168        | 45        | 631        | 224      | 88        | (D)      |          |
| Item   | Baraga         | Barry      | Bay       | Benzie     | Berrien  | Branch    | Calhoun  |          |
| <b>2002 INVENTORY - Con.</b>                       |                |            |           |            |          |           |          |          |
| Manufactured prior to 1998 - Con.                  |                |            |           |            |          |           |          |          |
| Cotton pickers and strippers .....                 | -              | -          | -         | -          | -        | -         | -        |          |
| farms number                                       |                |            |           |            |          |           |          |          |
| Forage harvesters, self-propelled (see text) ..... | 2              | 11         | 25        | 2          | 23       | 17        | 46       |          |
| farms number                                       | (D)            | 11         | 25        | (D)        | (D)      | (D)       | (D)      |          |
| Hay balers .....                                   | 43             | 382        | 174       | 30         | 259      | 415       | 468      |          |
| farms number                                       | 59             | 460        | 215       | 37         | 292      | 482       | 624      |          |
| Item   | Cass           | Charlevoix | Cheboygan | Chippewa   | Clare    | Clinton   | Crawford |          |
| <b>2002 INVENTORY - Con.</b>                       |                |            |           |            |          |           |          |          |
| Manufactured prior to 1998 - Con.                  |                |            |           |            |          |           |          |          |
| Cotton pickers and strippers .....                 | -              | -          | -         | -          | -        | -         | -        |          |
| farms number                                       |                |            |           |            |          |           |          |          |
| Forage harvesters, self-propelled (see text) ..... | 15             | 16         | 9         | 1          | 27       | 44        | -        |          |
| farms number                                       | (D)            | 22         | 11        | (D)        | 27       | 51        | -        |          |
| Hay balers .....                                   | 261            | 105        | 132       | 217        | 153      | 312       | 10       |          |
| farms number                                       | 300            | 130        | 169       | 273        | 192      | 358       | 13       |          |
| Item   | Delta          | Dickinson  | Eaton     | Emmet      | Genesee  | Gladwin   | Gogebic  |          |
| <b>2002 INVENTORY - Con.</b>                       |                |            |           |            |          |           |          |          |
| Manufactured prior to 1998 - Con.                  |                |            |           |            |          |           |          |          |
| Cotton pickers and strippers .....                 | -              | -          | -         | -          | -        | -         | -        |          |
| farms number                                       |                |            |           |            |          |           |          |          |
| Forage harvesters, self-propelled (see text) ..... | 6              | 3          | 43        | 34         | 40       | 38        | 1        |          |
| farms number                                       | 10             | 3          | (D)       | 59         | (D)      | 49        | (D)      |          |
| Hay balers .....                                   | 165            | 52         | 492       | 115        | 340      | 345       | 21       |          |
| farms number                                       | 199            | 70         | 616       | 158        | 397      | 412       | 23       |          |
| Item   | Grand Traverse | Gratiot    | Hillsdale | Houghton   | Huron    | Ingham    | Ionia    | Iosco    |
| <b>2002 INVENTORY - Con.</b>                       |                |            |           |            |          |           |          |          |
| Manufactured prior to 1998 - Con.                  |                |            |           |            |          |           |          |          |
| Cotton pickers and strippers .....                 | -              | -          | -         | -          | -        | -         | -        | -        |
| farms number                                       |                |            |           |            |          |           |          |          |
| Forage harvesters, self-propelled (see text) ..... | 14             | 49         | 13        | 4          | 120      | 36        | 42       | 19       |
| farms number                                       | 14             | 50         | 15        | 4          | 139      | (D)       | 42       | (D)      |
| Hay balers .....                                   | 150            | 190        | 381       | 68         | 369      | 270       | 387      | 109      |
| farms number                                       | 171            | 228        | 431       | 89         | 440      | 303       | 499      | 161      |
| Item   | Iron           | Isabella   | Jackson   | Kalamazoo  | Kalkaska | Kent      | Keweenaw | Lake     |
| <b>2002 INVENTORY - Con.</b>                       |                |            |           |            |          |           |          |          |
| Manufactured prior to 1998 - Con.                  |                |            |           |            |          |           |          |          |
| Cotton pickers and strippers .....                 | -              | -          | -         | -          | -        | -         | -        | -        |
| farms number                                       |                |            |           |            |          |           |          |          |
| Forage harvesters, self-propelled (see text) ..... | 13             | 27         | 17        | 11         | 8        | 17        | 1        | 4        |
| farms number                                       | 13             | (D)        | (D)       | (D)        | 8        | 17        | (D)      | (D)      |
| Hay balers .....                                   | 56             | 361        | 497       | 241        | 62       | 438       | 8        | 101      |
| farms number                                       | 70             | 463        | 529       | 286        | 68       | 518       | 9        | 151      |
| Item   | Lapeer         | Leelanau   | Lenawee   | Livingston | Luce     | Mackinac  | Macomb   | Manistee |
| <b>2002 INVENTORY - Con.</b>                       |                |            |           |            |          |           |          |          |
| Manufactured prior to 1998 - Con.                  |                |            |           |            |          |           |          |          |
| Cotton pickers and strippers .....                 | -              | -          | -         | -          | -        | -         | -        | -        |
| farms number                                       |                |            |           |            |          |           |          |          |
| Forage harvesters, self-propelled (see text) ..... | 34             | 1          | 30        | 8          | 1        | 5         | 1        | -        |
| farms number                                       | 50             | (D)        | 33        | (D)        | (D)      | 5         | (D)      | -        |
| Hay balers .....                                   | 402            | 105        | 417       | 234        | 14       | 40        | 46       | 128      |
| farms number                                       | 515            | 130        | 445       | 279        | (D)      | 49        | 48       | 143      |
| Item   | Marquette      | Mason      | Mecosta   | Menominee  | Midland  | Missaukee | Monroe   | Montcalm |
| <b>2002 INVENTORY - Con.</b>                       |                |            |           |            |          |           |          |          |
| Manufactured prior to 1998 - Con.                  |                |            |           |            |          |           |          |          |
| Cotton pickers and strippers .....                 | -              | -          | -         | -          | -        | -         | -        | -        |
| farms number                                       |                |            |           |            |          |           |          |          |
| Forage harvesters, self-propelled (see text) ..... | 3              | 1          | 3         | 13         | 12       | 21        | 18       | 61       |
| farms number                                       | 3              | (D)        | 3         | (D)        | (D)      | 21        | 18       | 74       |
| Hay balers .....                                   | 63             | 187        | 313       | 195        | 117      | 175       | 190      | 489      |
| farms number                                       | 80             | 231        | 455       | 254        | 146      | 197       | 214      | 607      |

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item   | Montmorency | Muskegon   | Newaygo    | Oakland    | Oceana     | Ogemaw     | Ontonagon        | Osceola                 |
|--|-------------|------------|------------|------------|------------|------------|------------------|-------------------------|
| <b>2002 INVENTORY - Con.</b>                       |             |            |            |            |            |            |                  |                         |
| Manufactured prior to 1998 - Con.                  |             |            |            |            |            |            |                  |                         |
| Cotton pickers and strippers .....                 | -           | -          | -          | -          | -          | -          | -                | -                       |
| farms number                                       | -           | -          | -          | -          | -          | -          | -                | -                       |
| Forage harvesters, self-propelled (see text) ..... | 2<br>(D)    | 28<br>(D)  | 6<br>(D)   | 12<br>12   | 8<br>8     | 16<br>24   | 5<br>(D)<br>81   | 30<br>(D)<br>250<br>335 |
| Hay balers .....                                   | 69<br>89    | 133<br>164 | 412<br>489 | 116<br>138 | 166<br>189 | 171<br>226 | 113              |                         |
| <b>2002 INVENTORY - Con.</b>                       |             |            |            |            |            |            |                  |                         |
| Manufactured prior to 1998 - Con.                  |             |            |            |            |            |            |                  |                         |
| Cotton pickers and strippers .....                 | -           | -          | -          | -          | -          | -          | -                | -                       |
| farms number                                       | -           | -          | -          | -          | -          | -          | -                | -                       |
| Forage harvesters, self-propelled (see text) ..... | -           | 9<br>18    | 32<br>(D)  | 7<br>(D)   | 2<br>(D)   | 101<br>108 | 22<br>(D)<br>438 | 30<br>39<br>323<br>416  |
| Hay balers .....                                   | 74<br>90    | 59<br>75   | 456<br>537 | 171<br>218 | 26<br>29   | 359<br>380 | 553              |                         |
| <b>2002 INVENTORY - Con.</b>                       |             |            |            |            |            |            |                  |                         |
| Manufactured prior to 1998 - Con.                  |             |            |            |            |            |            |                  |                         |
| Cotton pickers and strippers .....                 | -           | -          | -          | -          | -          | -          | -                | -                       |
| farms number                                       | -           | -          | -          | -          | -          | -          | -                | -                       |
| Forage harvesters, self-propelled (see text) ..... | 86<br>89    | 2<br>(D)   | 19<br>23   | 82<br>117  | 54<br>68   | 26<br>(D)  | -<br>-           | 6<br>6                  |
| Hay balers .....                                   | 607<br>731  | 26<br>(D)  | 336<br>393 | 293<br>369 | 203<br>274 | 325<br>395 | 66<br>66         | 104<br>118              |

**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan  | Alcona | Alger   | Allegan | Alpena  | Antrim  | Arenac  |
|---|-----------|--------|---------|---------|---------|---------|---------|
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |           |        |         |         |         |         |         |
| farms, 2002   | 25,388    | 75     | 20      | 732     | 142     | 153     | 159     |
| 1997  | 32,662    | 99     | 39      | 1,028   | 233     | 179     | 217     |
| acres treated, 2002   | 5,476,283 | 5,077  | 2,436   | 133,692 | 17,121  | 17,545  | 49,324  |
| 1997  | 5,902,898 | 7,460  | 2,183   | 153,875 | 39,725  | 16,234  | 47,761  |
| Cropland fertilized, except cropland pastured                   |           |        |         |         |         |         |         |
| farms, 2002   | 24,450    | 68     | 20      | 732     | 135     | 149     | 157     |
| 1997  | 32,027    | 99     | 39      | 987     | 233     | 167     | 217     |
| acres treated, 2002   | 5,423,039 | 4,982  | 2,256   | 132,978 | 16,016  | 17,065  | 49,302  |
| 1997  | 5,849,145 | 7,091  | (D)     | 153,198 | 38,771  | 15,686  | 47,401  |
| Pastureland and rangeland fertilized                            |           |        |         |         |         |         |         |
| farms, 2002   | 2,920     | 10     | 5       | 67      | 34      | 20      | 6       |
| 1997  | 2,456     | 8      | 3       | 93      | 53      | 16      | 8       |
| acres treated, 2002   | 53,244    | 95     | 180     | 714     | 1,105   | 480     | 22      |
| 1997  | 53,753    | 369    | (D)     | 677     | 954     | 548     | 360     |
| Manure  |           |        |         |         |         |         |         |
| farms, 2002   | 11,955    | 65     | 19      | 427     | 101     | 51      | 81      |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)    | (NA)    | (NA)    | (NA)    |
| acres treated, 2002   | 700,621   | 1,896  | 950     | 33,005  | 4,807   | 4,314   | 8,348   |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)    | (NA)    | (NA)    | (NA)    |
| Chemicals used to control-<br>Insects <sup>2</sup>              |           |        |         |         |         |         |         |
| farms, 2002   | 8,314     | 19     | 2       | 322     | 32      | 67      | 61      |
| 1997  | 10,635    | 10     | 9       | 517     | 55      | 82      | 73      |
| acres treated, 2002   | 990,827   | 1,054  | (D)     | 35,120  | 1,290   | 8,126   | 8,699   |
| 1997  | 1,304,182 | 1,001  | 291     | 50,096  | 6,304   | 7,060   | 7,382   |
| Weeds, grass, or brush  |           |        |         |         |         |         |         |
| farms, 2002   | 18,709    | 44     | 16      | 445     | 63      | 108     | 109     |
| 1997  | 22,149    | 51     | 23      | 605     | 134     | 107     | 164     |
| acres treated, 2002   | 4,387,194 | 2,925  | 780     | 88,125  | 8,060   | 8,855   | 31,637  |
| 1997  | 4,535,954 | 3,127  | 1,261   | 116,489 | 23,808  | 7,585   | 36,954  |
| Nematodes   |           |        |         |         |         |         |         |
| farms, 2002   | 971       | -      | -       | 15      | -       | 7       | 4       |
| 1997  | 1,067     | -      | -       | 78      | 14      | 4       | 5       |
| acres treated, 2002   | 86,159    | -      | -       | 3,878   | -       | 614     | 80      |
| 1997  | 123,935   | -      | -       | 6,110   | 4,178   | (D)     | (D)     |
| Diseases in crops and orchards                                  |           |        |         |         |         |         |         |
| farms, 2002   | 3,315     | 2      | 1       | 124     | 7       | 37      | 48      |
| 1997  | 4,494     | 6      | 5       | 182     | 16      | 61      | 13      |
| acres treated, 2002   | 346,183   | (D)    | (D)     | 7,913   | 913     | 5,209   | 4,962   |
| 1997  | 390,025   | 72     | (D)     | 9,927   | 861     | 5,426   | 1,476   |
| Chemicals used to control growth, thin fruit,<br>or defoliate   |           |        |         |         |         |         |         |
| farms, 2002   | 1,062     | -      | 1       | 53      | 6       | 16      | 4       |
| 1997  | 1,541     | -      | -       | 30      | 8       | 24      | 18      |
| acres on which used, 2002                                       | 86,216    | -      | (D)     | 1,361   | 30      | 2,388   | 88      |
| 1997  | 139,325   | -      | -       | 2,174   | 320     | 3,331   | 712     |
| Item  | Baraga    | Barry  | Bay     | Benzie  | Berrien | Branch  | Calhoun |
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |           |        |         |         |         |         |         |
| farms, 2002   | 23        | 343    | 491     | 82      | 720     | 617     | 548     |
| 1997  | 30        | 504    | 614     | 91      | 968     | 667     | 741     |
| acres treated, 2002   | 958       | 89,794 | 124,536 | 4,954   | 101,210 | 137,374 | 131,618 |
| 1997  | 814       | 78,418 | 140,357 | 5,632   | 115,410 | 118,174 | 140,539 |
| Cropland fertilized, except cropland pastured                   |           |        |         |         |         |         |         |
| farms, 2002   | 23        | 312    | 491     | 80      | 720     | 592     | 524     |
| 1997  | 28        | 480    | 614     | 91      | 968     | 641     | 727     |
| acres treated, 2002   | 958       | 88,576 | 124,001 | 4,896   | 100,112 | 136,514 | 130,460 |
| 1997  | (D)       | 76,660 | 140,213 | 5,580   | 115,056 | 117,234 | 138,324 |
| Pastureland and rangeland fertilized                            |           |        |         |         |         |         |         |
| farms, 2002   | -         | 71     | 30      | 6       | 29      | 47      | 47      |
| 1997  | 2         | 81     | 9       | 4       | 40      | 74      | 63      |
| acres treated, 2002   | -         | 1,218  | 535     | 58      | 1,098   | 860     | 1,158   |
| 1997  | (D)       | 1,758  | 144     | 52      | 354     | 940     | 2,215   |
| Manure  |           |        |         |         |         |         |         |
| farms, 2002   | 15        | 271    | 114     | 44      | 138     | 224     | 309     |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)    | (NA)    | (NA)    | (NA)    |
| acres treated, 2002   | 515       | 15,610 | 5,049   | 746     | 5,071   | 12,789  | 14,167  |
| 1997  | (NA)      | (NA)   | (NA)    | (NA)    | (NA)    | (NA)    | (NA)    |
| Chemicals used to control-<br>Insects <sup>2</sup>              |           |        |         |         |         |         |         |
| farms, 2002   | 3         | 61     | 203     | 45      | 483     | 136     | 150     |
| 1997  | 4         | 133    | 241     | 47      | 596     | 195     | 284     |
| acres treated, 2002   | (D)       | 13,107 | 25,584  | 3,058   | 42,546  | 28,071  | 26,926  |
| 1997  | 85        | 14,265 | 25,218  | 4,123   | 43,716  | 35,963  | 50,530  |
| Weeds, grass, or brush  |           |        |         |         |         |         |         |
| farms, 2002   | 7         | 210    | 411     | 61      | 556     | 507     | 473     |
| 1997  | 5         | 330    | 463     | 51      | 664     | 482     | 567     |
| acres treated, 2002   | 946       | 68,436 | 101,404 | 2,226   | 105,692 | 124,852 | 124,756 |
| 1997  | 333       | 52,476 | 113,140 | 4,498   | 96,004  | 101,928 | 108,060 |
| Nematodes   |           |        |         |         |         |         |         |
| farms, 2002   | -         | 2      | 45      | 6       | 76      | 18      | 27      |
| 1997  | -         | 11     | 21      | 9       | 50      | 11      | 30      |
| acres treated, 2002   | -         | (D)    | 2,759   | 54      | 3,007   | 1,988   | 3,494   |
| 1997  | -         | 1,485  | 410     | 158     | 2,462   | 1,554   | 1,987   |
| Diseases in crops and orchards                                  |           |        |         |         |         |         |         |
| farms, 2002   | 4         | 10     | 77      | 33      | 290     | 16      | 25      |
| 1997  | 1         | 16     | 95      | 48      | 479     | 50      | 28      |
| acres treated, 2002   | (D)       | 4,230  | 6,255   | 2,652   | 17,322  | 2,193   | 1,444   |
| 1997  | (D)       | 961    | 5,569   | 4,139   | 24,890  | 2,930   | 1,166   |
| Chemicals used to control growth, thin fruit,<br>or defoliate   |           |        |         |         |         |         |         |
| farms, 2002   | 2         | 1      | 31      | 12      | 73      | 4       | 1       |
| 1997  | -         | 32     | 22      | 33      | 129     | 13      | 19      |
| acres on which used, 2002                                       | (D)       | (D)    | 1,928   | 753     | 3,956   | 1,372   | (D)     |
| 1997  | -         | 3,212  | 1,505   | 1,874   | 5,624   | 1,518   | 1,920   |

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass    | Charlevoix | Cheboygan | Chippewa | Clare   | Clinton | Crawford |
|---|---------|------------|-----------|----------|---------|---------|----------|
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |         |            |           |          |         |         |          |
| farms, 2002   | 444     | 130        | 102       | 77       | 111     | 626     | 11       |
| 1997  | 590     | 114        | 146       | 171      | 182     | 884     | 12       |
| acres treated, 2002   | 111,751 | 6,433      | 5,813     | 4,947    | 8,730   | 164,253 | (D)      |
| 1997  | 103,634 | 7,204      | 9,197     | 12,734   | 12,756  | 178,230 | 192      |
| Cropland fertilized, except cropland pastured                   |         |            |           |          |         |         |          |
| farms, 2002   | 403     | 102        | 94        | 77       | 98      | 614     | 6        |
| 1997  | 567     | 102        | 141       | 160      | 174     | 869     | 11       |
| acres treated, 2002   | 110,131 | 5,918      | 4,950     | 4,607    | 6,534   | 163,960 | (D)      |
| 1997  | 102,451 | 6,868      | 8,445     | 10,484   | 11,652  | 177,409 | 152      |
| Pastureland and rangeland fertilized                            |         |            |           |          |         |         |          |
| farms, 2002   | 74      | 44         | 27        | 7        | 27      | 25      | 6        |
| 1997  | 71      | 23         | 33        | 46       | 20      | 56      | 3        |
| acres treated, 2002   | 1,620   | 515        | 863       | 340      | 2,196   | 293     | 57       |
| 1997  | 1,183   | 336        | 752       | 2,250    | 1,104   | 821     | 40       |
| Manure  |         |            |           |          |         |         |          |
| farms, 2002   | 214     | 79         | 59        | 84       | 91      | 216     | 8        |
| 1997  | (NA)    | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| acres treated, 2002   | 18,988  | 2,231      | 2,505     | 2,647    | 5,437   | 23,162  | (D)      |
| 1997  | (NA)    | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| Chemicals used to control-Insects <sup>2</sup>                  |         |            |           |          |         |         |          |
| farms, 2002   | 168     | 36         | 27        | 11       | 12      | 124     | 2        |
| 1997  | 198     | 19         | 24        | 3        | 7       | 215     | 2        |
| acres treated, 2002   | 32,082  | 1,549      | 725       | 140      | 173     | 15,821  | (D)      |
| 1997  | 29,739  | 739        | 942       | 392      | 966     | 23,074  | (D)      |
| Weeds, grass, or brush  |         |            |           |          |         |         |          |
| farms, 2002   | 295     | 74         | 50        | 27       | 82      | 476     | 7        |
| 1997  | 377     | 62         | 46        | 49       | 87      | 683     | 4        |
| acres treated, 2002   | 93,431  | 3,351      | 1,662     | 727      | 3,852   | 140,380 | 44       |
| 1997  | 85,719  | 3,169      | 2,855     | 2,243    | 6,256   | 141,262 | 59       |
| Nematodes   |         |            |           |          |         |         |          |
| farms, 2002   | 19      | -          | 4         | -        | -       | 24      | -        |
| 1997  | 13      | 1          | 1         | -        | 7       | 28      | -        |
| acres treated, 2002   | 1,750   | -          | 18        | -        | -       | 753     | -        |
| 1997  | 1,634   | (D)        | (D)       | -        | 144     | 2,054   | -        |
| Diseases in crops and orchards                                  |         |            |           |          |         |         |          |
| farms, 2002   | 32      | 17         | 11        | 5        | 4       | 32      | 3        |
| 1997  | 49      | 9          | 4         | -        | 6       | 37      | 1        |
| acres treated, 2002   | 8,278   | 803        | 35        | 5        | 12      | 1,197   | (D)      |
| 1997  | 3,500   | (D)        | (D)       | -        | 558     | 985     | (D)      |
| Chemicals used to control growth, thin fruit, or defoliate      |         |            |           |          |         |         |          |
| farms, 2002   | 32      | 5          | -         | -        | -       | 5       | -        |
| 1997  | 16      | 9          | 2         | 1        | 7       | 46      | -        |
| acres on which used, 2002                                       | 3,065   | 50         | -         | -        | -       | 286     | -        |
| 1997  | 1,422   | 102        | (D)       | (D)      | 70      | 3,365   | -        |
| Item  | Delta   | Dickinson  | Eaton     | Emmet    | Genesee | Gladwin | Gogebic  |
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |         |            |           |          |         |         |          |
| farms, 2002   | 116     | 61         | 557       | 110      | 449     | 186     | 7        |
| 1997  | 160     | 68         | 747       | 141      | 388     | 268     | 10       |
| acres treated, 2002   | 12,984  | 4,894      | 140,904   | 9,072    | 81,280  | 16,857  | 142      |
| 1997  | 15,638  | 5,380      | 152,488   | 8,740    | 85,350  | 23,406  | (D)      |
| Cropland fertilized, except cropland pastured                   |         |            |           |          |         |         |          |
| farms, 2002   | 109     | 55         | 536       | 107      | 449     | 156     | 6        |
| 1997  | 159     | 63         | 731       | 136      | 387     | 243     | 8        |
| acres treated, 2002   | 11,758  | 4,864      | 139,257   | 8,365    | 80,947  | 16,379  | (D)      |
| 1997  | 14,334  | 5,157      | 150,944   | 7,913    | 85,236  | 22,900  | (D)      |
| Pastureland and rangeland fertilized                            |         |            |           |          |         |         |          |
| farms, 2002   | 46      | 6          | 62        | 25       | 29      | 66      | 2        |
| 1997  | 29      | 8          | 68        | 35       | 15      | 39      | 2        |
| acres treated, 2002   | 1,226   | 30         | 1,647     | 707      | 333     | 478     | (D)      |
| 1997  | 1,304   | 223        | 1,544     | 827      | 114     | 506     | (D)      |
| Manure  |         |            |           |          |         |         |          |
| farms, 2002   | 83      | 42         | 254       | 90       | 250     | 134     | 13       |
| 1997  | (NA)    | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| acres treated, 2002   | 3,533   | 1,530      | 5,899     | 3,679    | 8,222   | 3,854   | 314      |
| 1997  | (NA)    | (NA)       | (NA)      | (NA)     | (NA)    | (NA)    | (NA)     |
| Chemicals used to control-Insects <sup>2</sup>                  |         |            |           |          |         |         |          |
| farms, 2002   | 25      | 13         | 115       | 27       | 119     | 20      | 1        |
| 1997  | 44      | 18         | 211       | 31       | 110     | 46      | -        |
| acres treated, 2002   | 1,836   | 892        | 13,170    | 658      | 6,503   | 1,605   | (D)      |
| 1997  | 1,892   | 1,211      | 18,749    | 993      | 7,541   | 1,872   | -        |
| Weeds, grass, or brush  |         |            |           |          |         |         |          |
| farms, 2002   | 73      | 28         | 497       | 66       | 394     | 158     | 2        |
| 1997  | 60      | 40         | 572       | 69       | 273     | 144     | 5        |
| acres treated, 2002   | 6,510   | 1,824      | 112,941   | 3,125    | 72,368  | 12,009  | (D)      |
| 1997  | 7,002   | 2,256      | 113,287   | 4,683    | 72,377  | 12,566  | 90       |
| Nematodes   |         |            |           |          |         |         |          |
| farms, 2002   | 10      | 2          | 20        | 3        | 19      | 1       | -        |
| 1997  | 1       | 3          | 33        | 1        | 9       | 13      | -        |
| acres treated, 2002   | 510     | (D)        | 2,391     | 3        | 19      | (D)     | -        |
| 1997  | (D)     | (D)        | 3,788     | (D)      | 1,137   | 499     | -        |
| Diseases in crops and orchards                                  |         |            |           |          |         |         |          |
| farms, 2002   | 13      | 6          | 12        | 10       | 55      | 14      | -        |
| 1997  | 8       | 16         | 38        | 14       | 30      | 12      | -        |
| acres treated, 2002   | 630     | 364        | 2,234     | 18       | 2,153   | 965     | -        |
| 1997  | 1,301   | 728        | 1,520     | 47       | 1,018   | 470     | -        |
| Chemicals used to control growth, thin fruit, or defoliate      |         |            |           |          |         |         |          |
| farms, 2002   | 13      | 4          | 30        | -        | 1       | 1       | -        |
| 1997  | 2       | 4          | 11        | -        | 1       | 3       | -        |
| acres on which used, 2002                                       | 426     | 160        | 450       | -        | (D)     | (D)     | -        |
| 1997  | (D)     | (D)        | (D)       | (D)      | (D)     | (D)     | -        |

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand<br>Traverse | Gratiot  | Hillsdale | Houghton  | Huron    | Ingham  | Ionia    | Iosco  |
|---|-------------------|----------|-----------|-----------|----------|---------|----------|--------|
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |                   |          |           |           |          |         |          |        |
| farms, 2002   | 238               | 566      | 545       | 62        | 633      | 604     | 558      | 98     |
| 1997  | 306               | 662      | 720       | 64        | 914      | 644     | 685      | 134    |
| acres treated, 2002   | 17,277            | 213,670  | 161,382   | 2,024     | 306,677  | 123,105 | 158,917  | 13,765 |
| 1997  | 28,078            | 217,923  | 148,822   | 2,942     | 335,436  | 131,278 | 153,799  | 10,143 |
| Cropland fertilized, except cropland pastured                   |                   |          |           |           |          |         |          |        |
| farms, 2002   | 238               | 566      | 545       | 54        | 633      | 559     | 538      | 92     |
| 1997  | 306               | 642      | 707       | 58        | 914      | 626     | 685      | 134    |
| acres treated, 2002   | 17,027            | 213,498  | 160,523   | 1,725     | 306,223  | 121,171 | 158,206  | 13,355 |
| 1997  | (D)               | 216,915  | 148,219   | 2,639     | 334,798  | 130,232 | 152,949  | 9,848  |
| Pastureland and rangeland fertilized                            |                   |          |           |           |          |         |          |        |
| farms, 2002   | 5                 | 12       | 57        | 19        | 26       | 115     | 47       | 15     |
| 1997  | 2                 | 44       | 31        | 12        | 33       | 77      | 34       | 11     |
| acres treated, 2002   | 250               | 172      | 859       | 299       | 454      | 1,934   | 711      | 410    |
| 1997  | (D)               | 1,008    | 603       | 303       | 638      | 1,046   | 850      | 295    |
| Manure  |                   |          |           |           |          |         |          |        |
| farms, 2002   | 109               | 125      | 279       | 39        | 409      | 207     | 301      | 74     |
| 1997  | (NA)              | (NA)     | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| acres treated, 2002   | 2,348             | 12,468   | 13,675    | 748       | 46,050   | 14,439  | 20,151   | 3,798  |
| 1997  | (NA)              | (NA)     | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| Chemicals used to control-<br>Insects <sup>2</sup>              |                   |          |           |           |          |         |          |        |
| farms, 2002   | 164               | 125      | 72        | 15        | 278      | 157     | 89       | 53     |
| 1997  | 178               | 211      | 179       | 11        | 397      | 126     | 278      | 10     |
| acres treated, 2002   | 8,101             | 19,730   | 15,033    | 59        | 65,731   | 7,571   | 15,169   | 715    |
| 1997  | 8,913             | 29,330   | 26,763    | 57        | 73,576   | 20,498  | 31,455   | 1,159  |
| Weeds, grass, or brush  |                   |          |           |           |          |         |          |        |
| farms, 2002   | 153               | 520      | 411       | 16        | 636      | 439     | 445      | 58     |
| 1997  | 184               | 548      | 561       | 26        | 743      | 417     | 542      | 70     |
| acres treated, 2002   | 12,485            | 203,217  | 127,160   | 555       | 268,442  | 108,732 | 123,457  | 8,144  |
| 1997  | 19,934            | 176,006  | 129,530   | 519       | 272,186  | 107,152 | 116,251  | 6,698  |
| Nematodes   |                   |          |           |           |          |         |          |        |
| farms, 2002   | 19                | 30       | 3         | -         | 19       | 4       | 2        | 18     |
| 1997  | 8                 | 25       | 21        | -         | 19       | 16      | 16       | 1      |
| acres treated, 2002   | 220               | 2,250    | 1,170     | -         | 1,970    | (D)     | (D)      | 285    |
| 1997  | 72                | 1,801    | 2,577     | -         | 1,288    | 2,378   | 1,842    | (D)    |
| Diseases in crops and orchards                                  |                   |          |           |           |          |         |          |        |
| farms, 2002   | 70                | 35       | 12        | 6         | 116      | 18      | 44       | 23     |
| 1997  | 132               | 5        | 45        | 6         | 116      | 41      | 66       | 10     |
| acres treated, 2002   | 6,992             | 5,400    | 594       | 424       | 32,206   | 305     | 3,009    | 290    |
| 1997  | 6,810             | 361      | 5,215     | 30        | 21,288   | 2,953   | 5,485    | 440    |
| Chemicals used to control growth, thin fruit,<br>or defoliate   |                   |          |           |           |          |         |          |        |
| farms, 2002   | 36                | 13       | 3         | -         | 21       | 5       | 2        | -      |
| 1997  | 60                | 5        | 43        | -         | 32       | 11      | 34       | 5      |
| acres on which used, 2002                                       | 3,266             | 698      | 209       | -         | 2,593    | 385     | (D)      | -      |
| 1997  | 2,518             | 978      | 2,439     | -         | 3,988    | 1,018   | 1,954    | 128    |
| Item  | Iron              | Isabella | Jackson   | Kalamazoo | Kalkaska | Kent    | Keweenaw | Lake   |
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |                   |          |           |           |          |         |          |        |
| farms, 2002   | 43                | 511      | 462       | 416       | 55       | 607     | 1        | 57     |
| 1997  | 39                | 722      | 671       | 514       | 89       | 816     | 1        | 67     |
| acres treated, 2002   | 3,450             | 105,055  | 99,674    | 89,207    | 4,748    | 98,188  | (D)      | 2,125  |
| 1997  | 3,101             | 129,586  | 119,129   | 96,728    | 6,358    | 109,015 | (D)      | 3,289  |
| Cropland fertilized, except cropland pastured                   |                   |          |           |           |          |         |          |        |
| farms, 2002   | 42                | 511      | 456       | 342       | 51       | 579     | -        | 46     |
| 1997  | 36                | 722      | 671       | 514       | 87       | 798     | 1        | 67     |
| acres treated, 2002   | 3,186             | (D)      | 98,837    | 87,700    | 4,670    | 97,042  | -        | 1,939  |
| 1997  | 2,612             | 128,443  | 118,068   | 96,413    | 6,244    | 107,805 | (D)      | 2,939  |
| Pastureland and rangeland fertilized                            |                   |          |           |           |          |         |          |        |
| farms, 2002   | 10                | 1        | 42        | 87        | 10       | 55      | 1        | 19     |
| 1997  | 7                 | 34       | 41        | 13        | 8        | 52      | -        | 11     |
| acres treated, 2002   | 264               | (D)      | 837       | 1,507     | 78       | 1,146   | (D)      | 186    |
| 1997  | 489               | 1,143    | 1,061     | 315       | 114      | 1,210   | -        | 350    |
| Manure  |                   |          |           |           |          |         |          |        |
| farms, 2002   | 30                | 247      | 185       | 209       | 34       | 385     | 1        | 50     |
| 1997  | (NA)              | (NA)     | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| acres treated, 2002   | 810               | 13,115   | 5,820     | 14,115    | 820      | 21,701  | (D)      | 1,936  |
| 1997  | (NA)              | (NA)     | (NA)      | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   |
| Chemicals used to control-<br>Insects <sup>2</sup>              |                   |          |           |           |          |         |          |        |
| farms, 2002   | 7                 | 140      | 107       | 200       | 22       | 263     | -        | 12     |
| 1997  | 8                 | 170      | 203       | 206       | 29       | 390     | -        | 4      |
| acres treated, 2002   | 708               | 12,534   | 20,694    | 25,616    | 2,212    | 29,701  | -        | 103    |
| 1997  | 437               | 22,976   | 24,885    | 36,681    | 2,248    | 39,003  | -        | 70     |
| Weeds, grass, or brush  |                   |          |           |           |          |         |          |        |
| farms, 2002   | 22                | 425      | 351       | 337       | 33       | 326     | -        | 26     |
| 1997  | 18                | 467      | 452       | 313       | 26       | 494     | -        | 20     |
| acres treated, 2002   | 1,325             | 86,961   | 77,418    | 79,161    | 2,801    | 82,198  | -        | 549    |
| 1997  | 1,402             | 79,193   | 93,283    | 79,578    | 2,135    | 71,482  | -        | 981    |
| Nematodes   |                   |          |           |           |          |         |          |        |
| farms, 2002   | 4                 | 20       | 20        | 4         | 1        | 33      | -        | 1      |
| 1997  | 1                 | 3        | 29        | 24        | 3        | 27      | -        | 2      |
| acres treated, 2002   | 318               | 1,855    | (D)       | (D)       | (D)      | 3,051   | -        | (D)    |
| 1997  | (D)               | 670      | 2,356     | 1,404     | 191      | 2,347   | -        | (D)    |
| Diseases in crops and orchards                                  |                   |          |           |           |          |         |          |        |
| farms, 2002   | 11                | 23       | 2         | 66        | 12       | 99      | -        | 1      |
| 1997  | 7                 | 31       | 31        | 92        | 9        | 212     | -        | -      |
| acres treated, 2002   | 712               | 1,540    | (D)       | 4,345     | 1,324    | 13,247  | -        | (D)    |
| 1997  | 456               | 5,973    | 708       | 4,223     | 561      | 13,853  | -        | -      |
| Chemicals used to control growth, thin fruit,<br>or defoliate   |                   |          |           |           |          |         |          |        |
| farms, 2002   | 4                 | 9        | 11        | 26        | 2        | 72      | -        | -      |
| 1997  | 3                 | 9        | 9         | 39        | 1        | 102     | -        | -      |
| acres on which used, 2002                                       | 408               | 135      | 165       | 123       | (D)      | 7,963   | -        | -      |
| 1997  | 255               | 1,003    | 216       | 4,697     | (D)      | 10,132  | -        | -      |

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer    | Leelanau | Lenawee | Livingston | Luce    | Mackinac  | Macomb  | Manistee |
|---|-----------|----------|---------|------------|---------|-----------|---------|----------|
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |           |          |         |            |         |           |         |          |
| farms, 2002   | 508       | 304      | 754     | 345        | 12      | 17        | 230     | 185      |
| 1997  | 664       | 351      | 876     | 389        | 22      | 33        | 386     | 186      |
| acres treated, 2002   | 96,360    | 25,950   | 221,082 | 55,461     | 916     | 1,364     | 39,540  | 9,230    |
| 1997  | 95,486    | 26,663   | 255,571 | 61,191     | 1,866   | 2,558     | 36,127  | 12,319   |
| Cropland fertilized, except cropland pastured                   |           |          |         |            |         |           |         |          |
| farms, 2002   | 493       | 277      | 739     | 345        | 12      | 17        | 230     | 168      |
| 1997  | 643       | 343      | 867     | 371        | 19      | 33        | 375     | 186      |
| acres treated, 2002   | 96,016    | 24,996   | 220,624 | 55,333     | 761     | 1,336     | 39,540  | 8,638    |
| 1997  | 94,242    | 26,569   | 255,248 | 60,476     | (D)     | (D)       | 35,879  | 12,319   |
| Pastureland and rangeland fertilized                            |           |          |         |            |         |           |         |          |
| farms, 2002   | 32        | 62       | 35      | 23         | 3       | 6         | -       | 33       |
| 1997  | 58        | 15       | 29      | 44         | 4       | 2         | 46      | -        |
| acres treated, 2002   | 344       | 954      | 458     | 128        | 155     | 28        | -       | 592      |
| 1997  | 1,244     | 94       | 323     | 715        | (D)     | (D)       | 248     | -        |
| Manure  |           |          |         |            |         |           |         |          |
| farms, 2002   | 225       | 71       | 195     | 213        | 6       | 18        | 54      | 80       |
| 1997  | (NA)      | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)    | (NA)     |
| acres treated, 2002   | 10,815    | 4,653    | 20,363  | 4,242      | 473     | 1,530     | 2,699   | 2,291    |
| 1997  | (NA)      | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)    | (NA)     |
| Chemicals used to control-<br>Insects <sup>2</sup>              |           |          |         |            |         |           |         |          |
| farms, 2002   | 74        | 229      | 218     | 124        | 6       | 4         | 96      | 76       |
| 1997  | 168       | 234      | 243     | 97         | 8       | 10        | 107     | 92       |
| acres treated, 2002   | 6,765     | 16,610   | 33,770  | 4,413      | 497     | (D)       | 5,310   | 3,899    |
| 1997  | 23,492    | 17,253   | 34,213  | 15,828     | 925     | (D)       | 4,478   | 8,095    |
| Weeds, grass, or brush  |           |          |         |            |         |           |         |          |
| farms, 2002   | 413       | 237      | 622     | 192        | 8       | 9         | 197     | 66       |
| 1997  | 393       | 256      | 703     | 242        | 8       | 12        | 186     | 122      |
| acres treated, 2002   | 87,691    | 18,058   | 204,860 | 37,777     | 694     | 337       | 34,130  | 3,680    |
| 1997  | 72,710    | 15,699   | 223,507 | 38,061     | (D)     | 1,318     | 22,807  | 11,973   |
| Nematodes   |           |          |         |            |         |           |         |          |
| farms, 2002   | 2         | 27       | 22      | 1          | -       | -         | 2       | 5        |
| 1997  | 10        | 38       | 10      | 20         | -       | -         | 10      | 10       |
| acres treated, 2002   | (D)       | 603      | 401     | (D)        | -       | -         | (D)     | (D)      |
| 1997  | 1,108     | 689      | 6,163   | 4,163      | -       | -         | 566     | 1,733    |
| Diseases in crops and orchards                                  |           |          |         |            |         |           |         |          |
| farms, 2002   | 44        | 159      | 31      | 76         | 5       | 2         | 62      | 48       |
| 1997  | 59        | 221      | 59      | 42         | 4       | 4         | 89      | 81       |
| acres treated, 2002   | 3,114     | 14,698   | 2,880   | 564        | 191     | (D)       | 4,014   | 2,381    |
| 1997  | 4,189     | 17,540   | 7,795   | 1,277      | (D)     | (D)       | 4,545   | 5,967    |
| Chemicals used to control growth, thin fruit,<br>or defoliate   |           |          |         |            |         |           |         |          |
| farms, 2002   | 13        | 85       | 5       | 1          | 1       | 2         | 21      | 11       |
| 1997  | 18        | 105      | 18      | 35         | 1       | -         | 13      | 41       |
| acres on which used, 2002                                       | 285       | 5,471    | 1,036   | (D)        | (D)     | (D)       | 137     | 856      |
| 1997  | 372       | 7,316    | 3,797   | 1,661      | (D)     | -         | 2,108   | 1,290    |
| Item  | Marquette | Mason    | Mecosta | Menominee  | Midland | Missaukee | Monroe  | Montcalm |
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |           |          |         |            |         |           |         |          |
| farms, 2002   | 30        | 270      | 312     | 169        | 203     | 197       | 823     | 479      |
| 1997  | 48        | 281      | 388     | 259        | 318     | 186       | 854     | 690      |
| acres treated, 2002   | 3,231     | 37,087   | 31,696  | 25,575     | 47,827  | 35,263    | 170,399 | 141,864  |
| 1997  | 4,324     | 40,183   | 36,940  | 32,178     | 67,687  | 33,612    | 177,437 | 146,924  |
| Cropland fertilized, except cropland pastured                   |           |          |         |            |         |           |         |          |
| farms, 2002   | 28        | 236      | 293     | 166        | 203     | 197       | 764     | 469      |
| 1997  | 48        | 281      | 382     | 251        | 305     | 173       | 846     | 668      |
| acres treated, 2002   | 3,062     | 36,338   | 30,792  | 24,553     | 47,491  | 34,916    | 169,577 | 140,530  |
| 1997  | 4,289     | 39,687   | 36,155  | 31,076     | 67,110  | 32,752    | 177,029 | 145,771  |
| Pastureland and rangeland fertilized                            |           |          |         |            |         |           |         |          |
| farms, 2002   | 9         | 43       | 60      | 41         | 17      | 10        | 85      | 85       |
| 1997  | 3         | 18       | 47      | 37         | 41      | 27        | 26      | 60       |
| acres treated, 2002   | 169       | 749      | 904     | 1,022      | 336     | 347       | 822     | 1,334    |
| 1997  | 35        | 496      | 785     | 1,102      | 577     | 860       | 408     | 1,153    |
| Manure  |           |          |         |            |         |           |         |          |
| farms, 2002   | 34        | 161      | 198     | 153        | 80      | 116       | 168     | 304      |
| 1997  | (NA)      | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)    | (NA)     |
| acres treated, 2002   | 1,488     | 10,153   | 12,168  | 13,781     | 2,551   | 13,379    | 4,003   | 26,966   |
| 1997  | (NA)      | (NA)     | (NA)    | (NA)       | (NA)    | (NA)      | (NA)    | (NA)     |
| Chemicals used to control-<br>Insects <sup>2</sup>              |           |          |         |            |         |           |         |          |
| farms, 2002   | 10        | 148      | 41      | 28         | 34      | 44        | 228     | 137      |
| 1997  | 9         | 177      | 40      | 27         | 67      | 55        | 273     | 145      |
| acres treated, 2002   | 654       | 15,660   | 4,830   | 681        | 3,965   | 4,087     | 32,308  | 29,542   |
| 1997  | 509       | 14,401   | 5,886   | 1,478      | 7,078   | 4,996     | 27,035  | 38,237   |
| Weeds, grass, or brush  |           |          |         |            |         |           |         |          |
| farms, 2002   | 17        | 219      | 170     | 111        | 152     | 87        | 707     | 358      |
| 1997  | 17        | 186      | 166     | 129        | 217     | 119       | 700     | 431      |
| acres treated, 2002   | 1,246     | 27,472   | 19,785  | 11,982     | 36,149  | 16,837    | 156,107 | 101,038  |
| 1997  | 977       | 29,611   | 21,207  | 12,298     | 52,050  | 14,235    | 158,661 | 119,310  |
| Nematodes   |           |          |         |            |         |           |         |          |
| farms, 2002   | -         | 30       | 1       | -          | -       | 1         | 34      | 28       |
| 1997  | -         | 22       | 10      | 3          | -       | 2         | 32      | 47       |
| acres treated, 2002   | -         | 254      | (D)     | -          | -       | (D)       | 2,493   | 14,874   |
| 1997  | -         | 274      | 1,563   | 61         | -       | (D)       | 2,078   | 12,849   |
| Diseases in crops and orchards                                  |           |          |         |            |         |           |         |          |
| farms, 2002   | 3         | 79       | -       | 6          | 24      | 15        | 71      | 41       |
| 1997  | 6         | 98       | 22      | 12         | 7       | 38        | 119     | 66       |
| acres treated, 2002   | (D)       | 6,521    | -       | 26         | 1,583   | (D)       | 6,058   | 20,544   |
| 1997  | (D)       | 5,442    | 2,647   | 386        | 160     | 1,675     | 5,939   | 20,360   |
| Chemicals used to control growth, thin fruit,<br>or defoliate   |           |          |         |            |         |           |         |          |
| farms, 2002   | 1         | 19       | 1       | 3          | -       | 2         | 23      | 14       |
| 1997  | 2         | 27       | 3       | 8          | 12      | 2         | 25      | 28       |
| acres on which used, 2002                                       | (D)       | 2,460    | (D)     | 45         | -       | (D)       | 882     | 15,126   |
| 1997  | (D)       | 2,698    | 1,010   | 56         | 36      | (D)       | 1,737   | 12,101   |

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency | Muskegon | Newaygo | Oakland      | Oceana    | Ogemaw  | Ontonagon | Osceola    |
|---|-------------|----------|---------|--------------|-----------|---------|-----------|------------|
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |             |          |         |              |           |         |           |            |
| farms, 2002   | 38          | 232      | 460     | 204          | 334       | 111     | 31        | 214        |
| 1997  | 67          | 299      | 510     | 175          | 485       | 200     | 44        | 288        |
| acres treated, 2002   | 5,623       | 27,002   | 50,153  | 12,119       | 58,260    | 17,979  | 2,241     | 24,156     |
| 1997  | 6,097       | 36,717   | 57,422  | 21,705       | 61,281    | 30,074  | 2,905     | 29,772     |
| Cropland fertilized, except cropland pastured                   |             |          |         |              |           |         |           |            |
| farms, 2002   | 34          | 194      | 448     | 204          | 317       | 97      | 28        | 207        |
| 1997  | 57          | 299      | 504     | 168          | 474       | 199     | 42        | 288        |
| acres treated, 2002   | 5,458       | 26,406   | 48,223  | (D)          | 57,244    | 17,692  | 2,077     | 23,027     |
| 1997  | 5,862       | 36,307   | 56,589  | 21,677       | 60,993    | 29,677  | (D)       | 29,439     |
| Pastureland and rangeland fertilized                            |             |          |         |              |           |         |           |            |
| farms, 2002   | 7           | 66       | 129     | 2            | 53        | 23      | 5         | 27         |
| 1997  | 13          | 14       | 32      | 7            | 29        | 7       | 3         | 24         |
| acres treated, 2002   | 165         | 596      | 1,930   | (D)          | 1,016     | 287     | 164       | 1,129      |
| 1997  | 235         | 410      | 833     | 28           | 288       | 397     | (D)       | 333        |
| Manure  |             |          |         |              |           |         |           |            |
| farms, 2002   | 34          | 134      | 381     | 54           | 124       | 92      | 36        | 147        |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| acres treated, 2002   | 1,908       | 11,847   | 16,219  | 882          | 9,952     | 8,716   | 2,619     | 9,782      |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Chemicals used to control-Insects <sup>2</sup>                  |             |          |         |              |           |         |           |            |
| farms, 2002   | 4           | 97       | 155     | 69           | 229       | 3       | 7         | 7          |
| 1997  | 4           | 139      | 162     | 108          | 283       | 41      | 5         | 25         |
| acres treated, 2002   | (D)         | 9,553    | 14,614  | 1,308        | 41,091    | 596     | 381       | 2,276      |
| 1997  | 384         | 9,869    | 15,931  | 5,261        | 37,501    | 2,319   | 528       | 2,299      |
| Weeds, grass, or brush  |             |          |         |              |           |         |           |            |
| farms, 2002   | 17          | 126      | 271     | 133          | 244       | 72      | 14        | 108        |
| 1997  | 26          | 194      | 311     | 102          | 341       | 91      | 8         | 141        |
| acres treated, 2002   | 2,510       | 15,059   | 30,531  | 9,073        | 48,605    | 9,632   | 697       | 7,928      |
| 1997  | 3,403       | 29,099   | 31,961  | 12,771       | 37,208    | 13,257  | 376       | 8,990      |
| Nematodes   |             |          |         |              |           |         |           |            |
| farms, 2002   | -           | 2        | 11      | -            | 31        | -       | -         | -          |
| 1997  | -           | 12       | 12      | 11           | 13        | -       | -         | 18         |
| acres treated, 2002   | -           | (D)      | 1,810   | -            | 1,781     | -       | -         | -          |
| 1997  | -           | 374      | 1,627   | 1,131        | 556       | -       | -         | 909        |
| Diseases in crops and orchards                                  |             |          |         |              |           |         |           |            |
| farms, 2002   | 2           | 27       | 30      | 40           | 143       | 1       | 2         | 2          |
| 1997  | 1           | 77       | 62      | 45           | 262       | 7       | -         | 26         |
| acres treated, 2002   | (D)         | 3,383    | 4,675   | 377          | 31,200    | (D)     | (D)       | (D)        |
| 1997  | (D)         | 5,749    | 5,513   | 543          | 30,224    | 380     | -         | 1,112      |
| Chemicals used to control growth, thin fruit, or defoliate      |             |          |         |              |           |         |           |            |
| farms, 2002   | -           | 12       | 22      | 3            | 45        | -       | -         | -          |
| 1997  | -           | 39       | 7       | 2            | 71        | 1       | -         | -          |
| acres on which used, 2002                                       | -           | 1,432    | 1,221   | (D)          | 7,120     | -       | -         | -          |
| 1997  | -           | 1,653    | 1,483   | (D)          | 5,737     | (D)     | -         | -          |
| Item  | Oscoda      | Otsego   | Ottawa  | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |             |          |         |              |           |         |           |            |
| farms, 2002   | 44          | 72       | 828     | 138          | 8         | 716     | 445       | 498        |
| 1997  | 54          | 102      | 1,003   | 213          | 19        | 1,030   | 660       | 659        |
| acres treated, 2002   | 3,574       | 6,162    | 107,624 | 17,973       | 377       | 224,394 | 105,063   | 156,467    |
| 1997  | 4,125       | 6,105    | 99,268  | 28,941       | 495       | 252,213 | 104,169   | 166,275    |
| Cropland fertilized, except cropland pastured                   |             |          |         |              |           |         |           |            |
| farms, 2002   | 44          | 70       | 802     | 132          | 8         | 701     | 406       | 482        |
| 1997  | 52          | 99       | 996     | 208          | 19        | 1,030   | 652       | 628        |
| acres treated, 2002   | 3,204       | 6,047    | 106,004 | 17,373       | (D)       | 224,300 | 103,601   | 154,393    |
| 1997  | 3,664       | 6,075    | 98,560  | 27,673       | 445       | 252,089 | 103,527   | 164,378    |
| Pastureland and rangeland fertilized                            |             |          |         |              |           |         |           |            |
| farms, 2002   | 11          | 5        | 87      | 26           | 1         | 26      | 131       | 100        |
| 1997  | 16          | 3        | 39      | 50           | 3         | 9       | 37        | 104        |
| acres treated, 2002   | 370         | 115      | 1,620   | 600          | (D)       | 94      | 1,462     | 2,074      |
| 1997  | 461         | 30       | 708     | 1,268        | 50        | 124     | 642       | 1,897      |
| Manure  |             |          |         |              |           |         |           |            |
| farms, 2002   | 48          | 29       | 414     | 81           | 7         | 166     | 283       | 193        |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| acres treated, 2002   | 2,333       | 821      | 34,508  | 4,388        | 110       | 7,737   | 6,093     | 14,177     |
| 1997  | (NA)        | (NA)     | (NA)    | (NA)         | (NA)      | (NA)    | (NA)      | (NA)       |
| Chemicals used to control-Insects <sup>2</sup>                  |             |          |         |              |           |         |           |            |
| farms, 2002   | 3           | 19       | 373     | 37           | 5         | 222     | 103       | 222        |
| 1997  | 3           | 13       | 488     | 48           | 4         | 176     | 82        | 344        |
| acres treated, 2002   | (D)         | 717      | 28,541  | 5,417        | 203       | 17,851  | 3,286     | 53,070     |
| 1997  | (D)         | 1,157    | 43,248  | 4,944        | 67        | 27,161  | 5,230     | 104,126    |
| Weeds, grass, or brush  |             |          |         |              |           |         |           |            |
| farms, 2002   | 19          | 41       | 463     | 105          | 5         | 601     | 343       | 337        |
| 1997  | 26          | 58       | 685     | 104          | 3         | 878     | 494       | 483        |
| acres treated, 2002   | 742         | 1,987    | 63,627  | 13,110       | (D)       | 184,493 | 85,275    | 116,346    |
| 1997  | 927         | 2,782    | 70,094  | 11,604       | (D)       | 231,539 | 86,206    | 134,462    |
| Nematodes   |             |          |         |              |           |         |           |            |
| farms, 2002   | 7           | 57       | 2       | -            | 76        | -       | 7         | -          |
| 1997  | 1           | 1        | 45      | 3            | -         | 18      | 9         | 52         |
| acres treated, 2002   | -           | 214      | 2,955   | (D)          | -         | 5,064   | -         | 4,046      |
| 1997  | (D)         | (D)      | 3,925   | 1,916        | -         | 3,880   | (D)       | 12,372     |
| Diseases in crops and orchards                                  |             |          |         |              |           |         |           |            |
| farms, 2002   | -           | 13       | 173     | 32           | 3         | 98      | 31        | 59         |
| 1997  | -           | 6        | 278     | 8            | -         | 43      | 35        | 69         |
| acres treated, 2002   | -           | 562      | 11,956  | 3,904        | 3         | 7,472   | 1,217     | 21,649     |
| 1997  | -           | (D)      | 20,310  | 1,648        | -         | 4,065   | 1,021     | 24,605     |
| Chemicals used to control growth, thin fruit, or defoliate      |             |          |         |              |           |         |           |            |
| farms, 2002   | -           | 1        | 53      | 7            | -         | 34      | 13        | 18         |
| 1997  | -           | 4        | 81      | 4            | -         | 9       | 7         | 8          |
| acres on which used, 2002                                       | -           | (D)      | 2,628   | 1,890        | -         | 1,227   | 41        | 3,036      |
| 1997  | -           | 409      | 3,539   | (D)          | -         | (D)     | 335       | 4,725      |

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne  | Wexford |
|---|---------|-------------|------------|---------|-----------|-----------|--------|---------|
| Commercial fertilizer, lime, and soil conditioners <sup>1</sup> |         |             |            |         |           |           |        |         |
| farms, 2002   | 901     | 33          | 542        | 730     | 663       | 539       | 104    | 117     |
| 1997  | 1,070   | 27          | 778        | 930     | 780       | 741       | 109    | 149     |
| acres treated, 2002   | 311,386 | 3,422       | 149,977    | 243,723 | 94,218    | 110,847   | 10,438 | 7,179   |
| 1997  | 291,902 | 3,359       | 165,092    | 256,230 | 118,614   | 125,409   | 14,201 | 12,099  |
| Cropland fertilized, except cropland pastured                   |         |             |            |         |           |           |        |         |
| farms, 2002   | 901     | 31          | 535        | 712     | 663       | 519       | 104    | 107     |
| 1997  | 1,051   | 26          | 776        | 915     | 769       | 732       | 96     | 146     |
| acres treated, 2002   | 310,359 | 3,176       | 149,698    | 240,749 | 93,947    | 109,797   | 10,433 | 6,846   |
| 1997  | 288,936 | 2,825       | 164,809    | 254,674 | 117,317   | 124,270   | 14,006 | 11,803  |
| Pastureland and rangeland fertilized                            |         |             |            |         |           |           |        |         |
| farms, 2002   | 40      | 13          | 44         | 92      | 46        | 77        | 5      | 21      |
| 1997  | 66      | 8           | 27         | 75      | 59        | 36        | 13     | 13      |
| acres treated, 2002   | 1,027   | 246         | 279        | 2,974   | 271       | 1,050     | 5      | 333     |
| 1997  | 2,966   | 534         | 283        | 1,556   | 1,297     | 1,139     | 195    | 296     |
| Manure  |         |             |            |         |           |           |        |         |
| farms, 2002   | 469     | 15          | 184        | 324     | 152       | 236       | 43     | 73      |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| acres treated, 2002   | 29,567  | 518         | 9,027      | 14,224  | 7,529     | 12,131    | 661    | 1,950   |
| 1997  | (NA)    | (NA)        | (NA)       | (NA)    | (NA)      | (NA)      | (NA)   | (NA)    |
| Chemicals used to control-                                      |         |             |            |         |           |           |        |         |
| Insects <sup>2</sup>  |         |             |            |         |           |           |        |         |
| farms, 2002   | 191     | 10          | 113        | 234     | 492       | 162       | 34     | 38      |
| 1997  | 208     | 12          | 69         | 275     | 478       | 244       | 64     | 34      |
| acres treated, 2002   | 38,443  | 560         | 9,869      | 39,679  | 42,847    | 20,575    | 858    | 3,097   |
| 1997  | 31,259  | 927         | 6,880      | 56,760  | 55,817    | 28,575    | 2,752  | 4,246   |
| Weeds, grass, or brush  |         |             |            |         |           |           |        |         |
| farms, 2002   | 734     | 13          | 428        | 570     | 563       | 388       | 54     | 58      |
| 1997  | 774     | 9           | 651        | 683     | 565       | 505       | 75     | 57      |
| acres treated, 2002   | 242,877 | 1,151       | 138,091    | 189,757 | 58,103    | 97,352    | 6,086  | 2,732   |
| 1997  | 230,052 | 832         | 140,115    | 213,144 | 94,457    | 91,205    | 15,248 | 5,417   |
| Nematodes   |         |             |            |         |           |           |        |         |
| farms, 2002   | 1       | -           | 24         | 17      | 56        | 18        | 16     | 13      |
| 1997  | 6       | 2           | 14         | 15      | 60        | 12        | 4      | 6       |
| acres treated, 2002   | (D)     | -           | 3,336      | 596     | 2,299     | 3,890     | 125    | 195     |
| 1997  | 1,120   | (D)         | 1,253      | 1,231   | 11,051    | 1,993     | (D)    | (D)     |
| Diseases in crops and orchards                                  |         |             |            |         |           |           |        |         |
| farms, 2002   | 47      | 3           | 29         | 86      | 339       | 33        | 20     | 10      |
| 1997  | 58      | 5           | 20         | 96      | 324       | 59        | 42     | 17      |
| acres treated, 2002   | 10,579  | (D)         | 955        | 15,090  | 24,725    | 858       | 331    | 793     |
| 1997  | 7,603   | 243         | 1,337      | 23,436  | 40,368    | 4,510     | 274    | 870     |
| Chemicals used to control growth, thin fruit, or defoliate      |         |             |            |         |           |           |        |         |
| farms, 2002   | 10      | -           | 11         | 13      | 98        | 14        | 2      | 5       |
| 1997  | 17      | 3           | 38         | 16      | 106       | 4         | 3      | -       |
| acres on which used, 2002                                       | 783     | -           | 115        | 520     | 4,500     | 194       | (D)    | 13      |
| 1997  | 4,426   | (D)         | 3,433      | 5,054   | 6,444     | (D)       | 5      | -       |

<sup>1</sup> Data for 1997 exclude lime.

<sup>2</sup> Data for 1997 include treatment of crops, including hay, but not other land.

**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Michigan            | Alcona                   | Alger            | Allegan          | Alpena             | Antrim           | Arenac           |
|---|---------------------|--------------------------|------------------|------------------|--------------------|------------------|------------------|
| <b>F FARMS</b>                            |                     |                          |                  |                  |                    |                  |                  |
| Land in farms                             | farms, 2002<br>1997 | 53,315<br>53,519         | 244<br>240       | 67<br>70         | 1,489<br>1,560     | 460<br>492       | 382<br>301       |
|   | acres, 2002<br>1997 | 10,142,958<br>10,443,935 | 41,001<br>46,996 | 14,969<br>16,777 | 243,270<br>250,185 | 73,790<br>85,234 | 63,428<br>59,120 |
| Harvested cropland                        | farms, 2002<br>1997 | 38,244<br>42,704         | 180<br>197       | 48<br>65         | 1,147<br>1,269     | 373<br>414       | 282<br>244       |
|   | acres, 2002<br>1997 | 6,827,903<br>6,989,300   | 18,505<br>19,780 | 5,577<br>6,445   | 173,538<br>182,651 | 36,063<br>41,746 | 22,106<br>22,439 |
| <b>T TENURE</b>                           |                     |                          |                  |                  |                    |                  |                  |
| Full owners                               | farms, 2002<br>1997 | 37,089<br>33,464         | 166<br>149       | 40<br>44         | 1,045<br>972       | 309<br>318       | 315<br>214       |
|   | acres, 2002<br>1997 | 3,325,819<br>3,179,508   | (D)<br>18,218    | 5,214<br>(D)     | 72,447<br>62,896   | 31,192<br>35,569 | 36,082<br>27,410 |
| Harvested cropland                        | farms, 2002<br>1997 | 23,050<br>23,712         | 110<br>113       | 21<br>39         | 741<br>710         | 237<br>253       | 215<br>164       |
|   | acres, 2002<br>1997 | 1,270,011<br>1,288,471   | 5,491<br>5,493   | 588<br>(D)       | 30,482<br>25,496   | 9,327<br>11,532  | 8,682<br>(D)     |
| Part owners                               | farms, 2002<br>1997 | 14,199<br>17,003         | 75<br>85         | 27<br>25         | 391<br>508         | 145<br>157       | 59<br>82         |
|   | acres, 2002<br>1997 | 6,317,989<br>6,673,703   | 21,845<br>27,319 | 9,755<br>10,141  | 163,872<br>172,944 | 42,113<br>43,506 | 26,846<br>31,541 |
| Owned land in farms                       | acres, 2002<br>1997 | 2,946,525<br>3,287,170   | 12,977<br>14,871 | 5,982<br>6,119   | 67,577<br>76,527   | 20,850<br>23,978 | 19,017<br>22,036 |
| Rented land in farms                      | acres, 2002<br>1997 | 3,371,464<br>3,386,533   | 8,868<br>12,448  | 3,773<br>4,022   | 96,417<br>96,417   | 21,263<br>19,528 | 7,829<br>9,505   |
| Harvested cropland                        | farms, 2002<br>1997 | 13,479<br>16,340         | 70<br>78         | 27<br>25         | 367<br>492         | 130<br>150       | 59<br>76         |
|   | acres, 2002<br>1997 | 5,114,775<br>5,199,987   | 13,014<br>13,032 | 4,989<br>5,049   | 136,998<br>145,013 | 26,420<br>24,663 | 12,939<br>15,582 |
| Tenants                                   | farms, 2002<br>1997 | 2,027<br>3,052           | 3<br>6           | -<br>1           | 53<br>80           | 6<br>17          | 8<br>5           |
|   | acres, 2002<br>1997 | 499,150<br>590,724       | (D)<br>1,459     | -<br>(D)         | 6,951<br>14,345    | 485<br>6,159     | 500<br>169       |
| Harvested cropland                        | farms, 2002<br>1997 | 1,715<br>2,652           | -<br>6           | -<br>1           | 39<br>67           | 6<br>11          | 8<br>4           |
|   | acres, 2002<br>1997 | 443,117<br>500,842       | -<br>1,255       | -<br>(D)         | 6,058<br>12,142    | 316<br>5,551     | 485<br>(D)       |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |                     |                          |                  |                  |                    |                  |                  |
| Total operators                           | number              | 79,883                   | 381              | 105              | 2,169              | 694              | 598              |
| Farms by number of operators:             |                     |                          |                  |                  |                    |                  |                  |
| 1 operator                                |                     | 31,833                   | 126              | 29               | 921                | 279              | 204              |
| 2 operators                               |                     | 18,086                   | 105              | 38               | 484                | 145              | 151              |
| 3 operators                               |                     | 2,376                    | 7                | -                | 62                 | 28               | 19               |
| 4 operators                               |                     | 693                      | 6                | -                | 17                 | 5                | 5                |
| 5 or more operators                       |                     | 327                      | -                | -                | 5                  | 3                | 2                |
| Total women operators                     | number              | 22,560                   | 135              | 39               | 578                | 208              | 189              |
| Farms by number of women operators:       |                     |                          |                  |                  |                    |                  |                  |
| 1 operator                                |                     | 19,397                   | 118              | 39               | 520                | 146              | 166              |
| 2 operators                               |                     | 1,238                    | 4                | -                | 26                 | 25               | 10               |
| 3 operators                               |                     | 152                      | 3                | -                | 2                  | 4                | 1                |
| 4 operators                               |                     | 28                       | -                | -                | -                  | -                | 2                |
| 5 or more operators                       |                     | 16                       | -                | -                | -                  | -                | -                |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |                     |                          |                  |                  |                    |                  |                  |
| Sex of operator:                          |                     |                          |                  |                  |                    |                  |                  |
| Male                                      | farms, 2002<br>1997 | 47,411<br>48,580         | 208<br>216       | 51<br>69         | 1,325<br>1,437     | 429<br>459       | 338<br>318       |
|   | acres, 2002<br>1997 | 9,704,219<br>10,009,346  | 36,872<br>44,645 | 11,899<br>(D)    | 234,698<br>243,837 | 69,622<br>79,996 | 60,095<br>55,861 |
| Female                                    | farms, 2002<br>1997 | 5,904<br>4,939           | 36<br>24         | 16<br>1          | 164<br>123         | 31<br>33         | 44<br>30         |
|   | acres, 2002<br>1997 | 438,739<br>434,589       | 4,129<br>2,351   | 3,070<br>(D)     | 8,572<br>6,348     | 4,168<br>5,238   | 3,333<br>3,259   |
| Primary occupation:                       |                     |                          |                  |                  |                    |                  |                  |
| Farming                                   | 2002<br>1997        | 29,071<br>24,133         | 137<br>106       | 36<br>32         | 803<br>703         | 253<br>193       | 195<br>134       |
| Other                                     | 2002<br>1997        | 24,244<br>29,386         | 107<br>134       | 31<br>38         | 686<br>857         | 207<br>299       | 187<br>167       |
| Place of residence <sup>1</sup> :         |                     |                          |                  |                  |                    |                  |                  |
| On farm operated                          | 2002<br>1997        | 46,192<br>43,069         | 215<br>185       | 60<br>55         | 1,314<br>1,238     | 420<br>382       | 314<br>226       |
| Not on farm operated                      | 2002<br>1997        | 7,123<br>6,993           | 29<br>32         | 7<br>9           | 175<br>213         | 40<br>45         | 68<br>53         |
| Days worked off farm <sup>1</sup> :       |                     |                          |                  |                  |                    |                  |                  |
| None                                      | 2002<br>1997        | 23,109<br>19,790         | 122<br>103       | 28<br>29         | 588<br>530         | 189<br>172       | 167<br>106       |
| Any                                       | 2002<br>1997        | 30,206<br>31,304         | 122<br>124       | 39<br>40         | 901<br>947         | 271<br>303       | 215<br>181       |
| 1 to 49 days                              | 2002<br>1997        | 2,751<br>2,497           | 9<br>12          | 5<br>4           | 69<br>55           | 18<br>13         | 21<br>13         |
| 50 to 99 days                             | 2002<br>1997        | 1,598<br>1,439           | 14<br>5          | 3<br>1           | 49<br>40           | 17<br>19         | 6<br>5           |
| 100 to 199 days                           | 2002<br>1997        | 3,510<br>(NA)            | 18<br>(NA)       | 3<br>(NA)        | 122<br>(NA)        | 44<br>(NA)       | 34<br>(NA)       |
| 200 days or more                          | 2002<br>1997        | 22,347<br>22,835         | 81<br>85         | 28<br>26         | 661<br>741         | 192<br>234       | 154<br>117       |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Baraga              | Barry            | Bay                | Benzie             | Berrien          | Branch             | Calhoun            |
|---|---------------------|------------------|--------------------|--------------------|------------------|--------------------|--------------------|
| <b>F FARMS</b>                            |                     |                  |                    |                    |                  |                    |                    |
| Land in farms                             | farms, 2002<br>1997 | 63<br>62         | 1,063<br>1,055     | 787<br>818         | 181<br>165       | 1,093<br>1,354     | 1,123<br>1,139     |
|   | acres, 2002<br>1997 | 15,174<br>15,253 | 181,766<br>178,311 | 186,118<br>182,632 | 23,055<br>24,608 | 174,009<br>185,809 | 253,690<br>249,326 |
| Harvested cropland                        | farms, 2002<br>1997 | 57<br>59         | 657<br>720         | 649<br>710         | 127<br>124       | 898<br>1,158       | 717<br>815         |
|   | acres, 2002<br>1997 | 5,700<br>5,709   | 102,161<br>100,028 | 157,550<br>156,548 | 7,821<br>8,488   | 128,235<br>132,344 | 173,905<br>167,303 |
| <b>T TURE</b>                             |                     |                  |                    |                    |                  |                    |                    |
| Full owners                               | farms, 2002<br>1997 | 42<br>44         | 798<br>715         | 450<br>398         | 143<br>116       | 762<br>890         | 836<br>775         |
|   | acres, 2002<br>1997 | 7,570<br>7,244   | 78,306<br>69,005   | 35,163<br>28,479   | 12,759<br>11,988 | 45,065<br>58,885   | 84,640<br>81,881   |
| Harvested cropland                        | farms, 2002<br>1997 | 36<br>41         | 413<br>408         | 318<br>302         | 91<br>79         | 580<br>709         | 444<br>477         |
|   | acres, 2002<br>1997 | 1,357<br>1,719   | 21,877<br>18,483   | 18,794<br>15,684   | 3,028<br>2,537   | 18,950<br>26,758   | 31,424<br>32,493   |
| Part owners                               | farms, 2002<br>1997 | 21<br>18         | 241<br>302         | 282<br>338         | 35<br>44         | 277<br>368         | 246<br>309         |
|   | acres, 2002<br>1997 | 7,604<br>8,009   | 97,567<br>104,377  | 130,292<br>133,100 | 10,226<br>12,233 | 118,721<br>116,945 | 155,619<br>151,381 |
| Owned land in farms                       | acres, 2002<br>1997 | 4,264<br>4,847   | 44,690<br>53,480   | 50,756<br>56,328   | 6,808<br>8,984   | 55,643<br>64,984   | 150,404<br>150,409 |
| Rented land in farms                      | acres, 2002<br>1997 | 3,340<br>3,162   | 52,877<br>50,897   | 79,536<br>76,772   | 3,418<br>3,249   | 63,078<br>51,961   | 83,421<br>71,658   |
| Harvested cropland                        | farms, 2002<br>1997 | 21<br>18         | 224<br>280         | 278<br>330         | 33<br>40         | 270<br>363         | 237<br>284         |
|   | acres, 2002<br>1997 | 4,343<br>3,990   | 74,802<br>77,147   | 118,563<br>120,914 | 4,729<br>5,746   | 100,138<br>97,123  | 129,763<br>120,266 |
| Tenants                                   | farms, 2002<br>1997 | -<br>-           | 24<br>38           | 55<br>82           | 3<br>5           | 54<br>96           | 41<br>68           |
|   | acres, 2002<br>1997 | -<br>-           | 5,893<br>4,929     | 20,663<br>21,053   | 70<br>387        | 10,223<br>9,979    | 13,431<br>16,064   |
| Harvested cropland                        | farms, 2002<br>1997 | -<br>-           | 20<br>32           | 53<br>78           | 3<br>5           | 48<br>86           | 36<br>54           |
|   | acres, 2002<br>1997 | -<br>-           | 5,482<br>4,398     | 20,193<br>19,950   | 64<br>205        | 9,147<br>8,463     | 12,718<br>14,544   |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |                     |                  |                    |                    |                  |                    |                    |
| Total operators                           | number              | 86               | 1,609              | 1,127              | 272              | 1,702              | 1,564              |
| Farms by number of operators:             |                     |                  |                    |                    |                  |                    |                    |
| 1 operator                                |                     | 46               | 613                | 516                | 101              | 601                | 728                |
| 2 operators                               |                     | 13               | 390                | 227                | 69               | 413                | 361                |
| 3 operators                               |                     | 3                | 39                 | 28                 | 11               | 57                 | 24                 |
| 4 operators                               |                     | -                | 15                 | 8                  | -                | 14                 | 8                  |
| 5 or more operators                       |                     | 1                | 6                  | 8                  | -                | 8                  | 2                  |
| Total women operators                     | number              | 20               | 515                | 244                | 81               | 483                | 413                |
| Farms by number of women operators:       |                     |                  |                    |                    |                  |                    |                    |
| 1 operator                                |                     | 18               | 438                | 188                | 79               | 395                | 381                |
| 2 operators                               |                     | 1                | 32                 | 20                 | 1                | 36                 | 16                 |
| 3 operators                               |                     | -                | 3                  | -                  | 4                | -                  | 3                  |
| 4 operators                               |                     | -                | 1                  | 4                  | -                | 1                  | -                  |
| 5 or more operators                       |                     | -                | -                  | -                  | -                | -                  | -                  |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |                     |                  |                    |                    |                  |                    |                    |
| Sex of operator:                          |                     |                  |                    |                    |                  |                    |                    |
| Male                                      | farms, 2002<br>1997 | 58<br>55         | 948<br>943         | 741<br>764         | 160<br>145       | 996<br>1,224       | 1,038<br>1,069     |
|   | acres, 2002<br>1997 | 14,804<br>14,100 | 173,846<br>169,283 | 181,621<br>172,069 | 21,306<br>22,792 | 169,133<br>179,280 | 248,050<br>242,528 |
| Female                                    | farms, 2002<br>1997 | 5<br>7           | 115<br>112         | 46<br>54           | 21<br>20         | 97<br>130          | 85<br>70           |
|   | acres, 2002<br>1997 | 370<br>1,153     | 7,920<br>9,028     | 4,497<br>10,563    | 1,749<br>1,816   | 4,876<br>6,529     | 5,640<br>6,798     |
| Primary occupation:                       |                     |                  |                    |                    |                  |                    |                    |
| Farming                                   | 2002<br>1997        | 26<br>31         | 527<br>375         | 486<br>435         | 92<br>80         | 682<br>709         | 593<br>486         |
| Other                                     | 2002<br>1997        | 37<br>31         | 536<br>680         | 301<br>383         | 89<br>85         | 411<br>645         | 530<br>653         |
| Place of residence <sup>1</sup> :         |                     |                  |                    |                    |                  |                    |                    |
| On farm operated                          | 2002<br>1997        | 51<br>48         | 947<br>912         | 653<br>635         | 147<br>131       | 955<br>1,097       | 964<br>924         |
| Not on farm operated                      | 2002<br>1997        | 12<br>9          | 116<br>70          | 134<br>115         | 34<br>30         | 138<br>182         | 159<br>125         |
| Days worked off farm <sup>1</sup> :       |                     |                  |                    |                    |                  |                    |                    |
| None                                      | 2002<br>1997        | 20<br>24         | 394<br>347         | 380<br>362         | 80<br>69         | 555<br>590         | 437<br>398         |
| Any                                       | 2002<br>1997        | 43<br>32         | 669<br>675         | 407<br>413         | 101<br>89        | 538<br>686         | 666<br>679         |
| 1 to 49 days                              | 2002<br>1997        | 2<br>1           | 51<br>39           | 57<br>43           | 11<br>8          | 50<br>71           | 48<br>43           |
| 50 to 99 days                             | 2002<br>1997        | 6<br>2           | 40<br>28           | 21<br>18           | 2<br>7           | 45<br>35           | 18<br>24           |
| 100 to 199 days                           | 2002<br>1997        | 8<br>2           | 42<br>42           | 38<br>38           | 16<br>16         | 73<br>73           | 74<br>74           |
| 200 days or more                          | 2002<br>1997        | 27<br>26         | 536<br>517         | 291<br>298         | 72<br>60         | (NA)<br>489        | (NA)<br>496        |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Cass                | Charlevoix         | Cheboygan        | Chippewa         | Clare             | Clinton          | Crawford           |
|---|---------------------|--------------------|------------------|------------------|-------------------|------------------|--------------------|
| <b>F FARMS</b>                            |                     |                    |                  |                  |                   |                  |                    |
| Land in farms                             | farms, 2002<br>1997 | 808<br>804         | 299<br>230       | 268<br>249       | 372<br>376        | 414<br>421       | 1,179<br>1,286     |
|   | acres, 2002<br>1997 | 189,127<br>185,418 | 38,799<br>35,597 | 50,050<br>53,830 | 93,924<br>105,655 | 64,365<br>67,542 | 255,673<br>256,693 |
| Harvested cropland                        | farms, 2002<br>1997 | 581<br>669         | 226<br>183       | 211<br>216       | 285<br>336        | 296<br>320       | 884<br>1,086       |
|   | acres, 2002<br>1997 | 130,854<br>128,969 | 14,087<br>13,129 | 17,413<br>18,810 | 34,734<br>48,039  | 25,565<br>27,810 | 200,538<br>196,942 |
| <b>T TENURE</b>                           |                     |                    |                  |                  |                   |                  |                    |
| Full owners                               | farms, 2002<br>1997 | 573<br>459         | 227<br>163       | 205<br>161       | 245<br>229        | 320<br>307       | 822<br>812         |
|   | acres, 2002<br>1997 | 52,918<br>51,712   | 20,448<br>(D)    | 27,760<br>23,588 | 46,199<br>42,360  | 39,434<br>36,142 | 76,491<br>76,585   |
| Harvested cropland                        | farms, 2002<br>1997 | 351<br>347         | 163<br>123       | 154<br>134       | 171<br>197        | 210<br>216       | 541<br>626         |
|   | acres, 2002<br>1997 | 21,423<br>25,157   | (D)<br>(D)       | 7,571<br>(D)     | (D)<br>(D)        | 10,171<br>12,131 | 39,808<br>44,628   |
| Part owners                               | farms, 2002<br>1997 | 209<br>296         | 69<br>64         | 60<br>83         | 126<br>143        | 84<br>102        | 316<br>394         |
|   | acres, 2002<br>1997 | 130,916<br>125,384 | 17,973<br>17,041 | 21,286<br>29,680 | (D)<br>62,761     | 24,097<br>30,408 | 170,045<br>170,654 |
| Owned land in farms                       | acres, 2002<br>1997 | 58,667<br>61,174   | 9,493<br>9,421   | 12,982<br>19,448 | 28,016<br>36,262  | 14,208<br>18,743 | 72,257<br>73,910   |
| Rented land in farms                      | acres, 2002<br>1997 | 72,249<br>64,210   | 8,480<br>7,620   | 8,404<br>10,232  | (D)<br>26,499     | 9,889<br>11,665  | 97,788<br>96,744   |
| Harvested cropland                        | farms, 2002<br>1997 | 204<br>282         | 62<br>59         | 54<br>79         | 113<br>136        | 79<br>97         | 307<br>388         |
|   | acres, 2002<br>1997 | 104,415<br>97,534  | 8,532<br>8,834   | 9,458<br>13,376  | 24,127<br>32,464  | 15,201<br>15,264 | 152,323<br>144,718 |
| Tenants                                   | farms, 2002<br>1997 | 26<br>49           | 3<br>3           | 3<br>5           | 1<br>4            | 10<br>12         | 41<br>80           |
|   | acres, 2002<br>1997 | 5,293<br>8,322     | 378<br>(D)       | 1,004<br>562     | (D)<br>534        | 834<br>992       | 9,137<br>9,454     |
| Harvested cropland                        | farms, 2002<br>1997 | 26<br>40           | 1<br>1           | 3<br>3           | 1<br>3            | 7<br>7           | 36<br>72           |
|   | acres, 2002<br>1997 | 5,016<br>6,278     | (D)<br>(D)       | 384<br>(D)       | (D)<br>(D)        | 193<br>415       | 8,407<br>7,596     |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |                     |                    |                  |                  |                   |                  |                    |
| Total operators                           | number              | 1,180              | 455              | 386              | 567               | 636              | 1,699              |
| Farms by number of operators:             |                     |                    |                  |                  |                   |                  |                    |
| 1 operator                                |                     | 487                | 161              | 176              | 202               | 216              | 752                |
| 2 operators                               |                     | 280                | 124              | 75               | 152               | 178              | 376                |
| 3 operators                               |                     | 35                 | 12               | 9                | 11                | 17               | 32                 |
| 4 operators                               |                     | 3                  | -                | 7                | 7                 | 2                | 11                 |
| 5 or more operators                       |                     | 3                  | 2                | 1                | -                 | 1                | 8                  |
| Total women operators                     | number              | 333                | 155              | 109              | 161               | 208              | 412                |
| Farms by number of women operators:       |                     |                    |                  |                  |                   |                  |                    |
| 1 operator                                |                     | 299                | 135              | 86               | 153               | 181              | 357                |
| 2 operators                               |                     | 17                 | 7                | 10               | 4                 | 12               | 23                 |
| 3 operators                               |                     | -                  | 2                | 1                | -                 | 1                | 3                  |
| 4 operators                               |                     | -                  | -                | -                | -                 | -                | -                  |
| 5 or more operators                       |                     | -                  | -                | -                | -                 | -                | -                  |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |                     |                    |                  |                  |                   |                  |                    |
| Sex of operator:                          |                     |                    |                  |                  |                   |                  |                    |
| Male                                      | farms, 2002<br>1997 | 726<br>724         | 251<br>198       | 245<br>228       | 337<br>346        | 371<br>372       | 1,079<br>1,212     |
|   | acres, 2002<br>1997 | 184,141<br>179,173 | 33,783<br>33,202 | 47,328<br>51,462 | 88,786<br>95,029  | 61,031<br>63,580 | 251,718<br>251,360 |
| Female                                    | farms, 2002<br>1997 | 82<br>80           | 48<br>32         | 23<br>21         | 35<br>30          | 43<br>49         | 100<br>74          |
|   | acres, 2002<br>1997 | 4,986<br>6,245     | 5,016<br>2,395   | 2,722<br>2,368   | 5,138<br>10,626   | 3,334<br>3,962   | 3,955<br>5,333     |
| Primary occupation:                       |                     |                    |                  |                  |                   |                  |                    |
| Farming                                   | 2002<br>1997        | 426<br>381         | 138<br>85        | 128<br>92        | 188<br>158        | 221<br>197       | 645<br>539         |
| Other                                     | 2002<br>1997        | 382<br>423         | 161<br>145       | 140<br>157       | 184<br>218        | 193<br>224       | 534<br>747         |
| Place of residence <sup>1</sup> :         |                     |                    |                  |                  |                   |                  |                    |
| On farm operated                          | 2002<br>1997        | 707<br>679         | 271<br>194       | 239<br>203       | 330<br>314        | 361<br>333       | 1,046<br>1,030     |
| Not on farm operated                      | 2002<br>1997        | 101<br>81          | 28<br>23         | 29<br>32         | 42<br>41          | 53<br>52         | 133<br>166         |
| Days worked off farm <sup>1</sup> :       |                     |                    |                  |                  |                   |                  |                    |
| None                                      | 2002<br>1997        | 339<br>309         | 131<br>67        | 95<br>71         | 160<br>100        | 192<br>166       | 496<br>444         |
| Any                                       | 2002<br>1997        | 469<br>462         | 168<br>152       | 173<br>169       | 212<br>262        | 222<br>227       | 683<br>774         |
| 1 to 49 days                              | 2002<br>1997        | 31<br>39           | 13<br>16         | 11<br>14         | 19<br>22          | 26<br>29         | 49<br>56           |
| 50 to 99 days                             | 2002<br>1997        | 14<br>23           | 3<br>10          | 1<br>12          | 8<br>11           | 3<br>8           | 42<br>20           |
| 100 to 199 days                           | 2002<br>1997        | 47<br>49           | 33<br>35         | 35<br>24         | 24<br>23          | 58<br>52         | -<br>2             |
| 200 days or more                          | 2002<br>1997        | 377<br>333         | (NA)<br>97       | (NA)<br>108      | (NA)<br>173       | (NA)<br>149      | (NA)<br>607        |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Delta       | Dickinson | Eaton  | Emmet   | Genesee | Gladwin | Gogebic |
|---|-------------|-----------|--------|---------|---------|---------|---------|
| <b>F FARMS</b>                            |             |           |        |         |         |         |         |
| Land in farms                             | farms, 2002 | 273       | 146    | 1,221   | 274     | 1,051   | 534     |
|   | 1997        | 289       | 134    | 1,247   | 248     | 967     | 501     |
|   | acres, 2002 | 74,242    | 28,658 | 238,188 | 43,665  | 142,756 | 72,056  |
|   | 1997        | 73,853    | 30,010 | 246,358 | 44,037  | 127,159 | 74,616  |
| Harvested cropland                        | farms, 2002 | 231       | 104    | 847     | 200     | 682     | 384     |
|   | 1997        | 245       | 120    | 941     | 208     | 746     | 399     |
|   | acres, 2002 | 26,570    | 9,371  | 171,242 | 17,568  | 99,799  | 30,837  |
|   | 1997        | 29,478    | 9,590  | 169,337 | 17,324  | 89,191  | 34,809  |
| <b>T TURE</b>                             |             |           |        |         |         |         |         |
| Full owners                               | farms, 2002 | 185       | 100    | 832     | 198     | 766     | 410     |
|   | 1997        | 182       | 86     | 789     | 162     | 617     | 351     |
|   | acres, 2002 | 32,294    | 13,556 | 81,492  | 19,192  | 42,755  | 40,809  |
|   | 1997        | 29,253    | 15,918 | 73,393  | 17,632  | 33,829  | 40,126  |
| Harvested cropland                        | farms, 2002 | 145       | 63     | 493     | 135     | 429     | 268     |
|   | 1997        | 139       | 77     | 508     | 127     | 430     | 259     |
|   | acres, 2002 | 6,999     | 1,951  | 37,647  | 4,748   | 15,213  | 10,998  |
|   | 1997        | 8,157     | 3,618  | 30,041  | 4,234   | 13,537  | 12,874  |
| Part owners                               | farms, 2002 | 84        | 40     | 338     | 67      | 245     | 110     |
|   | 1997        | 101       | 39     | 388     | 78      | 289     | 130     |
|   | acres, 2002 | 41,563    | 14,329 | 147,410 | 24,149  | 83,803  | 30,443  |
|   | 1997        | 44,074    | 13,061 | 163,979 | 26,090  | 83,823  | 31,935  |
| Owned land in farms                       | acres, 2002 | 27,204    | 10,291 | 58,480  | 13,409  | 31,553  | 15,211  |
|   | 1997        | 29,203    | 9,498  | 68,626  | 14,537  | 32,974  | 15,772  |
| Rented land in farms                      | acres, 2002 | 14,359    | 4,038  | 88,930  | 10,740  | 52,250  | 15,232  |
|   | 1997        | 14,871    | 3,563  | 95,353  | 11,553  | 50,849  | 16,163  |
| Harvested cropland                        | farms, 2002 | 82        | 38     | 314     | 62      | 220     | 109     |
|   | 1997        | 101       | 36     | 372     | 74      | 268     | 126     |
|   | acres, 2002 | 19,512    | 6,785  | 125,371 | 12,761  | 68,680  | 19,413  |
|   | 1997        | 21,092    | 5,652  | 132,065 | 12,917  | 68,362  | 20,075  |
| Tenants                                   | farms, 2002 | 4         | 6      | 51      | 9       | 40      | 14      |
|   | 1997        | 6         | 9      | 70      | 8       | 61      | 20      |
|   | acres, 2002 | 385       | 773    | 9,286   | 324     | 16,198  | 804     |
|   | 1997        | 526       | 1,031  | 8,986   | 315     | 9,507   | 2,555   |
| Harvested cropland                        | farms, 2002 | 4         | 3      | 40      | 3       | 33      | 7       |
|   | 1997        | 5         | 7      | 61      | 7       | 48      | 14      |
|   | acres, 2002 | 59        | 635    | 8,224   | 59      | 15,906  | 426     |
|   | 1997        | 229       | 320    | 7,231   | 173     | 7,292   | 1,860   |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |             |           |        |         |         |         |         |
| Total operators                           | number      | 413       | 228    | 1,799   | 408     | 1,563   | 788     |
| Farms by number of operators:             |             |           |        |         |         |         |         |
| 1 operator                                |             | 163       | 73     | 729     | 164     | 622     | 329     |
| 2 operators                               |             | 90        | 67     | 439     | 95      | 370     | 167     |
| 3 operators                               |             | 13        | 4      | 28      | 8       | 40      | 30      |
| 4 operators                               |             | 4         | 1      | 18      | 6       | 14      | 5       |
| 5 or more operators                       |             | 3         | 1      | 7       | 1       | 5       | -       |
| Total women operators                     | number      | 113       | 66     | 524     | 126     | 475     | 232     |
| Farms by number of women operators:       |             |           |        |         |         |         |         |
| 1 operator                                |             | 92        | 62     | 465     | 108     | 411     | 206     |
| 2 operators                               |             | 5         | 2      | 25      | 6       | 29      | 13      |
| 3 operators                               |             | 1         | -      | 3       | 2       | 2       | -       |
| 4 operators                               |             | 2         | -      | -       | -       | -       | -       |
| 5 or more operators                       |             | -         | -      | -       | -       | -       | -       |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |             |           |        |         |         |         |         |
| Sex of operator:                          |             |           |        |         |         |         |         |
| Male                                      | farms, 2002 | 246       | 137    | 1,089   | 228     | 911     | 475     |
|   | 1997        | 269       | 119    | 1,126   | 213     | 826     | 465     |
|   | acres, 2002 | 69,115    | 27,357 | 226,537 | 40,920  | 137,879 | 67,441  |
|   | 1997        | 71,585    | 27,743 | 235,036 | 39,984  | 120,797 | 71,472  |
| Female                                    | farms, 2002 | 27        | 9      | 132     | 46      | 140     | 59      |
|   | 1997        | 20        | 15     | 121     | 35      | 141     | 36      |
|   | acres, 2002 | 5,127     | 1,301  | 11,651  | 2,745   | 4,877   | 4,615   |
|   | 1997        | 2,268     | 2,267  | 11,322  | 4,053   | 6,362   | 3,144   |
| Primary occupation:                       |             |           |        |         |         |         |         |
| Farming                                   | 2002        | 143       | 72     | 637     | 150     | 597     | 257     |
|   | 1997        | 136       | 51     | 507     | 100     | 393     | 226     |
| Other                                     | 2002        | 130       | 74     | 584     | 124     | 454     | 277     |
|   | 1997        | 153       | 83     | 740     | 148     | 574     | 275     |
| Place of residence <sup>1</sup> :         |             |           |        |         |         |         |         |
| On farm operated                          | 2002        | 246       | 129    | 1,090   | 251     | 936     | 465     |
|   | 1997        | 244       | 104    | 1,023   | 217     | 825     | 397     |
| Not on farm operated                      | 2002        | 27        | 17     | 131     | 23      | 115     | 69      |
|   | 1997        | 29        | 18     | 143     | 20      | 96      | 67      |
| Days worked off farm <sup>1</sup> :       |             |           |        |         |         |         |         |
| None                                      | 2002        | 134       | 55     | 509     | 107     | 507     | 234     |
|   | 1997        | 105       | 32     | 410     | 82      | 351     | 193     |
| Any                                       | 2002        | 139       | 91     | 712     | 167     | 544     | 300     |
|   | 1997        | 174       | 97     | 791     | 161     | 567     | 273     |
| 1 to 49 days                              | 2002        | 12        | 9      | 46      | 22      | 57      | 49      |
|   | 1997        | 10        | 14     | 66      | 15      | 40      | 26      |
| 50 to 99 days                             | 2002        | 3         | 4      | 40      | 3       | 28      | 20      |
|   | 1997        | 9         | 1      | 31      | 9       | 19      | 17      |
| 100 to 199 days                           | 2002        | 31        | 16     | 68      | 38      | 66      | 34      |
|   | 1997        | (NA)      | (NA)   | (NA)    | (NA)    | (NA)    | (NA)    |
| 200 days or more                          | 2002        | 93        | 62     | 558     | 104     | 393     | 197     |
|   | 1997        | 117       | 72     | 597     | 104     | 436     | 177     |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Grand<br>Traverse | Gratiot | Hillsdale | Houghton | Huron  | Ingham  | Ionia   | Iosco   |
|---|-------------------|---------|-----------|----------|--------|---------|---------|---------|
| <b>F FARMS</b>                            |                   |         |           |          |        |         |         |         |
| Land in farms                             | farms, 2002       | 489     | 1,018     | 1,509    | 158    | 1,189   | 1,018   | 1,146   |
|   | 1997              | 485     | 985       | 1,439    | 155    | 1,292   | 974     | 1,161   |
|   | acres, 2002       | 62,268  | 288,932   | 275,316  | 25,856 | 431,984 | 185,291 | 230,102 |
|   | 1997              | 66,997  | 284,828   | 268,384  | 26,173 | 431,158 | 199,297 | 249,268 |
| Harvested cropland                        | farms, 2002       | 378     | 736       | 865      | 113    | 800     | 739     | 807     |
|   | 1997              | 407     | 776       | 882      | 125    | 1,019   | 787     | 912     |
|   | acres, 2002       | 30,152  | 235,525   | 173,208  | 8,614  | 366,484 | 143,491 | 169,995 |
|   | 1997              | 34,794  | 230,390   | 170,816  | 8,943  | 357,725 | 148,693 | 179,310 |
| <b>T TENURE</b>                           |                   |         |           |          |        |         |         |         |
| Full owners                               | farms, 2002       | 380     | 678       | 1,148    | 117    | 681     | 702     | 812     |
|   | 1997              | 349     | 574       | 1,017    | 107    | 647     | 594     | 737     |
|   | acres, 2002       | 29,028  | 64,094    | 115,137  | 14,251 | 77,333  | 47,484  | 68,856  |
|   | 1997              | 31,565  | 59,786    | 87,750   | (D)    | 80,475  | 48,704  | 70,083  |
| Harvested cropland                        | farms, 2002       | 273     | 412       | 521      | 72     | 304     | 449     | 495     |
|   | 1997              | 279     | 376       | 490      | 81     | 394     | 440     | 506     |
|   | acres, 2002       | 10,524  | 31,765    | 41,863   | (D)    | 41,785  | 24,017  | 31,575  |
|   | 1997              | 12,315  | 34,541    | 23,728   | (D)    | 48,053  | 27,136  | 30,951  |
| Part owners                               | farms, 2002       | 96      | 297       | 318      | 40     | 436     | 282     | 299     |
|   | 1997              | 113     | 350       | 370      | 45     | 523     | 327     | 355     |
|   | acres, 2002       | 29,505  | 211,647   | 153,865  | (D)    | 312,629 | 134,431 | 156,379 |
|   | 1997              | 31,647  | 208,819   | 170,984  | 11,228 | 308,979 | 143,897 | 164,865 |
| Owned land in farms                       | acres, 2002       | 18,552  | 82,386    | 69,557   | 6,526  | 140,482 | 63,095  | 72,497  |
|   | 1997              | 16,919  | 85,295    | 78,425   | 6,578  | 145,222 | 76,859  | 78,993  |
| Rented land in farms                      | acres, 2002       | 10,953  | 129,261   | 84,308   | (D)    | 172,147 | 70,436  | 83,882  |
|   | 1997              | 14,728  | 123,524   | 92,559   | 4,650  | 163,757 | 67,038  | 85,872  |
| Harvested cropland                        | farms, 2002       | 92      | 285       | 306      | 40     | 430     | 268     | 282     |
|   | 1997              | 109     | 343       | 357      | 43     | 510     | 306     | 339     |
|   | acres, 2002       | 16,636  | 191,123   | 126,280  | 6,454  | 284,857 | 116,741 | 134,078 |
|   | 1997              | 20,016  | 181,614   | 138,408  | 5,738  | 270,391 | 116,357 | 14,831  |
| Tenants                                   | farms, 2002       | 13      | 43        | 43       | 1      | 72      | 34      | 35      |
|   | 1997              | 23      | 61        | 52       | 3      | 122     | 53      | 69      |
|   | acres, 2002       | 3,735   | 13,191    | 6,314    | (D)    | 42,022  | 3,376   | 4,867   |
|   | 1997              | 3,785   | 16,223    | 9,650    | (D)    | 41,704  | 6,696   | 14,320  |
| Harvested cropland                        | farms, 2002       | 13      | 39        | 38       | 1      | 66      | 22      | 30      |
|   | 1997              | 19      | 57        | 45       | 1      | 115     | 41      | 67      |
|   | acres, 2002       | 2,992   | 12,637    | 5,065    | (D)    | 39,842  | 2,733   | 4,342   |
|   | 1997              | 2,463   | 14,235    | 8,680    | (D)    | 39,281  | 5,200   | 12,689  |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |                   |         |           |          |        |         |         |         |
| Total operators                           | number            | 771     | 1,431     | 2,148    | 235    | 1,697   | 1,584   | 1,657   |
| Farms by number of operators:             |                   |         |           |          |        |         |         |         |
| 1 operator                                |                   | 254     | 677       | 977      | 93     | 817     | 547     | 720     |
| 2 operators                               |                   | 203     | 290       | 453      | 57     | 283     | 402     | 364     |
| 3 operators                               |                   | 23      | 36        | 57       | 4      | 55      | 47      | 48      |
| 4 operators                               |                   | 6       | 10        | 18       | 4      | 24      | 20      | 10      |
| 5 or more operators                       |                   | 3       | 5         | 4        | -      | 10      | 2       | 3       |
| Total women operators                     | number            | 249     | 314       | 572      | 71     | 292     | 483     | 450     |
| Farms by number of women operators:       |                   |         |           |          |        |         |         |         |
| 1 operator                                |                   | 227     | 260       | 489      | 63     | 252     | 406     | 414     |
| 2 operators                               |                   | 8       | 22        | 34       | 4      | 20      | 31      | 15      |
| 3 operators                               |                   | 2       | 2         | 5        | -      | -       | 5       | 2       |
| 4 operators                               |                   | -       | 1         | -        | -      | -       | -       | -       |
| 5 or more operators                       |                   | -       | -         | -        | -      | -       | -       | -       |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |                   |         |           |          |        |         |         |         |
| Sex of operator:                          |                   |         |           |          |        |         |         |         |
| Male                                      | farms, 2002       | 418     | 955       | 1,375    | 137    | 1,138   | 893     | 1,016   |
|   | 1997              | 438     | 958       | 1,347    | 138    | 1,244   | 862     | 1,064   |
|   | acres, 2002       | 58,800  | 283,980   | 264,685  | 22,983 | 426,844 | 179,180 | 221,078 |
|   | 1997              | 63,461  | 279,642   | 261,184  | 24,869 | 423,414 | 190,222 | 240,634 |
| Female                                    | farms, 2002       | 71      | 63        | 134      | 21     | 51      | 125     | 130     |
|   | 1997              | 47      | 27        | 92       | 17     | 48      | 112     | 97      |
|   | acres, 2002       | 3,468   | 4,952     | 10,631   | 2,873  | 5,140   | 6,111   | 9,024   |
|   | 1997              | 3,536   | 5,186     | 7,200    | 1,304  | 7,744   | 9,075   | 8,634   |
| Primary occupation:                       |                   |         |           |          |        |         |         |         |
| Farming                                   | 2002              | 259     | 620       | 736      | 72     | 798     | 497     | 659     |
|   | 1997              | 218     | 513       | 536      | 51     | 827     | 424     | 505     |
| Other                                     | 2002              | 230     | 398       | 773      | 86     | 391     | 521     | 487     |
|   | 1997              | 267     | 472       | 903      | 104    | 465     | 550     | 656     |
| Place of residence <sup>1</sup> :         |                   |         |           |          |        |         |         |         |
| On farm operated                          | 2002              | 406     | 872       | 1,305    | 137    | 935     | 897     | 1,017   |
|   | 1997              | 378     | 777       | 1,141    | 123    | 921     | 815     | 962     |
| Not on farm operated                      | 2002              | 83      | 146       | 204      | 21     | 254     | 121     | 129     |
|   | 1997              | 77      | 121       | 191      | 19     | 229     | 110     | 133     |
| Days worked off farm <sup>1</sup> :       |                   |         |           |          |        |         |         |         |
| None                                      | 2002              | 211     | 447       | 616      | 40     | 577     | 424     | 514     |
|   | 1997              | 176     | 377       | 511      | 48     | 619     | 335     | 420     |
| Any                                       | 2002              | 278     | 571       | 893      | 118    | 612     | 594     | 632     |
|   | 1997              | 297     | 547       | 867      | 101    | 591     | 599     | 682     |
| 1 to 49 days                              | 2002              | 38      | 49        | 79       | 20     | 96      | 48      | 51      |
|   | 1997              | 19      | 54        | 57       | 4      | 81      | 47      | 8       |
| 50 to 99 days                             | 2002              | 26      | 26        | 34       | 11     | 51      | 30      | 29      |
|   | 1997              | 20      | 30        | 34       | 9      | 33      | 21      | 25      |
| 100 to 199 days                           | 2002              | 41      | 64        | 78       | 24     | 71      | 84      | 70      |
|   | 1997              | (NA)    | (NA)      | (NA)     | (NA)   | (NA)    | (NA)    | (NA)    |
| 200 days or more                          | 2002              | 173     | 432       | 702      | 63     | 394     | 432     | 482     |
|   | 1997              | 208     | 394       | 688      | 72     | 401     | 450     | 517     |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Iron        | Isabella | Jackson | Kalamazoo | Kalkaska | Kent    | Keweenaw | Lake   |       |
|---|-------------|----------|---------|-----------|----------|---------|----------|--------|-------|
| <b>F FARMS</b>                            |             |          |         |           |          |         |          |        |       |
| Land in farms                             | farms, 2002 | 106      | 953     | 1,265     | 808      | 175     | 1,212    | 11     | 173   |
| 1997                                      | 103         | 1,038    | 1,165   | 809       | 162      | 1,343   | 8        | 153    |       |
| acres, 2002                               | 31,382      | 195,432  | 193,011 | 148,206   | 24,104   | 173,381 | 710      | 23,378 |       |
| 1997                                      | 25,944      | 227,650  | 193,130 | 154,185   | 23,129   | 197,951 | (D)      | 26,383 |       |
| Harvested cropland                        | farms, 2002 | 84       | 706     | 876       | 587      | 114     | 853      | 6      | 117   |
| 1997                                      | 85          | 835      | 904     | 668       | 131      | 1,062   | 8        | 119    |       |
| acres, 2002                               | 7,449       | 134,046  | 122,240 | 106,849   | 8,317    | 111,584 | 86       | 7,384  |       |
| 1997                                      | 8,027       | 152,763  | 123,963 | 112,359   | 10,132   | 132,999 | 74       | 9,062  |       |
| <b>T TENURE</b>                           |             |          |         |           |          |         |          |        |       |
| Full owners                               | farms, 2002 | 60       | 663     | 915       | 559      | 152     | 858      | 6      | 143   |
| 1997                                      | 56          | 665      | 751     | 510       | 127      | 864     | 6        | 109    |       |
| acres, 2002                               | 12,098      | 71,749   | 67,182  | 42,425    | 17,928   | 57,369  | (D)      | 16,138 |       |
| 1997                                      | 8,386       | 80,267   | 59,703  | 38,520    | 14,439   | 61,305  | (D)      | 14,263 |       |
| Harvested cropland                        | farms, 2002 | 42       | 428     | 557       | 355      | 92      | 526      | 6      | 87    |
| 1997                                      | 45          | 483      | 518     | 390       | 98       | 614     | 6        | 76     |       |
| acres, 2002                               | (D)         | 29,335   | 23,312  | 17,621    | (D)      | 22,196  | 86       | 3,062  |       |
| 1997                                      | (D)         | 37,271   | 21,681  | 16,230    | 4,964    | 25,922  | (D)      | 3,668  |       |
| Part owners                               | farms, 2002 | 44       | 263     | 298       | 209      | 20      | 308      | 3      | 27    |
| 1997                                      | 42          | 318      | 359     | 255       | 30       | 405     | -        | 39     |       |
| acres, 2002                               | (D)         | 117,816  | 121,515 | 102,215   | (D)      | 110,383 | (D)      | 7,120  |       |
| 1997                                      | 17,160      | 128,823  | 127,637 | 106,202   | 8,292    | 125,167 | -        | 11,760 |       |
| Owned land in farms                       | acres, 2002 | 12,786   | 56,917  | 58,902    | 43,760   | 3,029   | 48,106   | (D)    | 3,905 |
| 1997                                      | 10,278      | 66,331   | 67,864  | 49,090    | 5,034    | 63,259  | -        | 6,168  |       |
| Rented land in farms                      | acres, 2002 | (D)      | 60,899  | 62,613    | 58,456   | (D)     | 62,277   | 300    | 3,215 |
| 1997                                      | 6,882       | 62,492   | 59,773  | 57,112    | 3,258    | 61,908  | -        | 5,592  |       |
| Harvested cropland                        | farms, 2002 | 40       | 254     | 283       | 196      | 20      | 285      | -      | 27    |
| 1997                                      | 38          | 307      | 342     | 242       | 28       | 383     | -        | 38     |       |
| acres, 2002                               | 5,694       | 99,347   | 95,080  | 86,008    | 2,859    | 85,500  | -        | 4,251  |       |
| 1997                                      | 5,975       | 100,911  | 97,103  | 87,496    | 4,787    | 97,460  | -        | 5,240  |       |
| Tenants                                   | farms, 2002 | 2        | 27      | 52        | 40       | 3       | 46       | 2      | 3     |
| 1997                                      | 5           | 55       | 55      | 44        | 5        | 74      | 2        | 5      |       |
| acres, 2002                               | (D)         | 5,867    | 4,314   | 3,566     | (D)      | 5,629   | (D)      | 120    |       |
| 1997                                      | 398         | 18,560   | 5,790   | 9,463     | 398      | 11,479  | (D)      | 360    |       |
| Harvested cropland                        | farms, 2002 | 2        | 24      | 36        | 36       | 2       | 42       | -      | 3     |
| 1997                                      | 2           | 45       | 44      | 36        | 5        | 65      | 2        | 5      |       |
| acres, 2002                               | (D)         | 5,364    | 3,848   | 3,220     | (D)      | 3,888   | (D)      | 71     |       |
| 1997                                      | (D)         | 14,581   | 5,179   | 8,633     | 381      | 9,617   | (D)      | 154    |       |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |             |          |         |           |          |         |          |        |       |
| Total operators                           | number      | 157      | 1,397   | 1,960     | 1,289    | 266     | 1,838    | 21     | 262   |
| Farms by number of operators:             |             |          |         |           |          |         |          |        |       |
| 1 operator                                |             | 57       | 625     | 720       | 441      | 97      | 701      | 1      | 94    |
| 2 operators                               |             | 47       | 250     | 469       | 300      | 67      | 443      | 10     | 73    |
| 3 operators                               |             | 2        | 50      | 58        | 40       | 9       | 40       | -      | 4     |
| 4 operators                               |             | -        | 22      | 10        | 14       | 2       | 15       | -      | -     |
| 5 or more operators                       |             | -        | 6       | 8         | 13       | -       | 13       | -      | 2     |
| Total women operators                     | number      | 48       | 327     | 608       | 418      | 82      | 549      | 7      | 94    |
| Farms by number of women operators:       |             |          |         |           |          |         |          |        |       |
| 1 operator                                |             | 44       | 270     | 491       | 325      | 74      | 484      | 7      | 92    |
| 2 operators                               |             | 2        | 27      | 39        | 21       | 1       | 22       | -      | 1     |
| 3 operators                               |             | -        | 1       | 3         | 7        | 2       | 7        | -      | -     |
| 4 operators                               |             | -        | -       | -         | 4        | -       | -        | -      | -     |
| 5 or more operators                       |             | -        | -       | 2         | 2        | -       | -        | -      | -     |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |             |          |         |           |          |         |          |        |       |
| Sex of operator:                          |             |          |         |           |          |         |          |        |       |
| Male                                      | farms, 2002 | 85       | 878     | 1,117     | 700      | 153     | 1,052    | 9      | 149   |
| 1997                                      | 96          | 968      | 1,039   | 743       | 143      | 1,207   | 6        | 131    |       |
| acres, 2002                               | 29,580      | 190,117  | 183,777 | 142,552   | 22,764   | 162,232 | (D)      | 19,909 |       |
| 1997                                      | 23,715      | 220,496  | 184,130 | 151,168   | 21,903   | 186,206 | (D)      | 23,508 |       |
| Female                                    | farms, 2002 | 21       | 75      | 148       | 108      | 22      | 160      | 2      | 24    |
| 1997                                      | 7           | 70       | 126     | 66        | 19       | 136     | 2        | 22     |       |
| acres, 2002                               | 1,802       | 5,315    | 9,234   | 5,654     | 1,340    | 11,149  | (D)      | 3,469  |       |
| 1997                                      | 2,229       | 7,154    | 9,000   | 3,017     | 1,226    | 11,745  | (D)      | 2,875  |       |
| Primary occupation:                       |             |          |         |           |          |         |          |        |       |
| Farming                                   | 2002        | 60       | 512     | 612       | 459      | 85      | 617      | 5      | 78    |
| 1997                                      | 40          | 510      | 413     | 367       | 55       | 536     | 4        | 45     |       |
| Other                                     | 2002        | 46       | 441     | 653       | 349      | 90      | 595      | 6      | 95    |
| 1997                                      | 63          | 528      | 752     | 442       | 107      | 807     | 4        | 108    |       |
| Place of residence <sup>1</sup> :         |             |          |         |           |          |         |          |        |       |
| On farm operated                          | 2002        | 86       | 805     | 1,082     | 671      | 148     | 1,085    | 8      | 153   |
| 1997                                      | 79          | 831      | 960     | 644       | 104      | 1,090   | 8        | 123    |       |
| Not on farm operated                      | 2002        | 20       | 148     | 183       | 137      | 27      | 127      | 3      | 20    |
| 1997                                      | 20          | 125      | 144     | 130       | 51       | 180     | -        | 18     |       |
| Days worked off farm <sup>1</sup> :       |             |          |         |           |          |         |          |        |       |
| None                                      | 2002        | 40       | 466     | 501       | 373      | 62      | 459      | 4      | 73    |
| 1997                                      | 30          | 406      | 375     | 323       | 43       | 471     | 2        | 55     |       |
| Any                                       | 2002        | 66       | 487     | 764       | 435      | 113     | 753      | 7      | 100   |
| 1997                                      | 67          | 585      | 735     | 450       | 111      | 826     | 4        | 92     |       |
| 1 to 49 days                              | 2002        | 12       | 47      | 57        | 48       | 5       | 44       | -      | 13    |
| 1997                                      | 4           | 45       | 35      | 39        | 12       | 58      | 2        | 3      |       |
| 50 to 99 days                             | 2002        | -        | 14      | 53        | 15       | 9       | 33       | -      | -     |
| 100 to 199 days                           | 2002        | 13       | 65      | 78        | 55       | 10      | 69       | -      | 4     |
| 1997                                      | (NA)        | (NA)     | (NA)    | (NA)      | (NA)     | (NA)    | (NA)     | (NA)   | (NA)  |
| 200 days or more                          | 2002        | 41       | 361     | 576       | 317      | 89      | 607      | 7      | 83    |
| 1997                                      | 46          | 416      | 568     | 327       | 85       | 634     | 2        | 69     |       |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Lapeer              | Leelanau           | Lenawee          | Livingston         | Luce              | Mackinac       | Macomb           | Manistee         |
|---|---------------------|--------------------|------------------|--------------------|-------------------|----------------|------------------|------------------|
| <b>F FARMS</b>                            |                     |                    |                  |                    |                   |                |                  |                  |
| Land in farms                             | farms, 2002<br>1997 | 1,187<br>1,228     | 429<br>420       | 1,446<br>1,516     | 877<br>771        | 30<br>36       | 76<br>86         | 512<br>611       |
|   | acres, 2002<br>1997 | 189,264<br>191,483 | 62,406<br>66,569 | 353,083<br>357,040 | 96,310<br>105,222 | 10,262<br>(D)  | 20,410<br>23,332 | 67,969<br>74,614 |
| Harvested cropland                        | farms, 2002<br>1997 | 838<br>966         | 347<br>380       | 896<br>1,089       | 534<br>551        | 25<br>35       | 57<br>74         | 395<br>504       |
|   | acres, 2002<br>1997 | 130,962<br>126,567 | 27,272<br>29,640 | 279,999<br>287,876 | 59,729<br>67,569  | 4,029<br>4,095 | 8,164<br>9,404   | 51,755<br>53,645 |
| <b>T TENURE</b>                           |                     |                    |                  |                    |                   |                |                  |                  |
| Full owners                               | farms, 2002<br>1997 | 775<br>778         | 330<br>308       | 930<br>878         | 669<br>510        | 19<br>25       | 56<br>40         | 335<br>365       |
|   | acres, 2002<br>1997 | 55,163<br>56,494   | 36,621<br>35,797 | 74,906<br>77,592   | 38,163<br>29,934  | 3,100<br>(D)   | 8,655<br>6,177   | 16,001<br>15,834 |
| Harvested cropland                        | farms, 2002<br>1997 | 461<br>549         | 256<br>276       | 396<br>472         | 353<br>310        | 14<br>24       | 42<br>34         | 230<br>210       |
|   | acres, 2002<br>1997 | 19,599<br>21,446   | 12,576<br>13,453 | 27,505<br>34,983   | 14,069<br>10,466  | (D)<br>(D)     | (D)<br>(D)       | 7,242<br>6,228   |
| Part owners                               | farms, 2002<br>1997 | 365<br>390         | 89<br>93         | 423<br>495         | 181<br>219        | 10<br>10       | 16<br>39         | 147<br>203       |
|   | acres, 2002<br>1997 | 127,633<br>120,523 | 24,561<br>29,084 | 243,328<br>247,174 | 55,232<br>71,068  | (D)<br>7,006   | (D)<br>16,460    | 47,779<br>52,869 |
| Owned land in farms                       | acres, 2002<br>1997 | 60,420<br>59,934   | 15,702<br>18,530 | 103,607<br>107,784 | 26,125<br>33,660  | 4,476<br>4,261 | 6,152<br>10,237  | 15,625<br>19,395 |
| Rented land in farms                      | acres, 2002<br>1997 | 67,213<br>60,589   | 8,859<br>10,554  | 139,721<br>139,390 | 29,107<br>37,408  | (D)<br>2,745   | (D)<br>6,223     | 32,144<br>33,474 |
| Harvested cropland                        | farms, 2002<br>1997 | 343<br>369         | 83<br>86         | 414<br>483         | 163<br>204        | 10<br>10       | 14<br>38         | 141<br>196       |
|   | acres, 2002<br>1997 | 106,869<br>93,389  | 14,178<br>15,392 | 218,517<br>222,534 | 43,693<br>53,653  | 3,224<br>2,599 | 5,313<br>7,229   | 40,859<br>42,512 |
| Tenants                                   | farms, 2002<br>1997 | 47<br>60           | 10<br>19         | 93<br>143          | 27<br>42          | 1<br>1         | 4<br>7           | 30<br>43         |
|   | acres, 2002<br>1997 | 6,468<br>14,466    | 1,224<br>1,688   | 34,849<br>32,274   | 2,915<br>4,220    | (D)<br>(D)     | (D)<br>695       | 4,189<br>5,911   |
| Harvested cropland                        | farms, 2002<br>1997 | 34<br>48           | 8<br>18          | 86<br>134          | 18<br>37          | 1<br>1         | 1<br>2           | 24<br>41         |
|   | acres, 2002<br>1997 | 4,494<br>11,732    | 518<br>795       | 33,977<br>30,359   | 1,967<br>3,450    | (D)<br>(D)     | (D)<br>(D)       | 3,654<br>4,905   |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |                     |                    |                  |                    |                   |                |                  |                  |
| Total operators                           | number              | 1,854              | 718              | 2,038              | 1,338             | 48             | 109              | 800              |
| Farms by number of operators:             |                     |                    |                  |                    |                   |                |                  | 475              |
| 1 operator                                |                     | 678                | 229              | 950                | 474               | 13             | 46               | 277              |
| 2 operators                               |                     | 418                | 163              | 424                | 362               | 16             | 28               | 196              |
| 3 operators                               |                     | 51                 | 21               | 52                 | 30                | 1              | 1                | 29               |
| 4 operators                               |                     | 28                 | 6                | 17                 | 7                 | -              | 1                | 7                |
| 5 or more operators                       |                     | 12                 | 10               | 3                  | 4                 | -              | -                | 1                |
| Total women operators                     | number              | 584                | 207              | 472                | 494               | 16             | 35               | 255              |
| Farms by number of women operators:       |                     |                    |                  |                    |                   |                |                  | 149              |
| 1 operator                                |                     | 500                | 171              | 437                | 449               | 16             | 35               | 210              |
| 2 operators                               |                     | 27                 | 12               | 13                 | 16                | -              | -                | 134              |
| 3 operators                               |                     | 10                 | 4                | 3                  | 1                 | -              | -                | 6                |
| 4 operators                               |                     | -                  | -                | -                  | -                 | -              | -                | 1                |
| 5 or more operators                       |                     | -                  | -                | -                  | 2                 | -              | -                | -                |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |                     |                    |                  |                    |                   |                |                  |                  |
| Sex of operator:                          |                     |                    |                  |                    |                   |                |                  |                  |
| Male                                      | farms, 2002<br>1997 | 995<br>1,064       | 379<br>375       | 1,330<br>1,388     | 683<br>645        | 28<br>33       | 64<br>80         | 434<br>540       |
|   | acres, 2002<br>1997 | 171,397<br>180,737 | 58,342<br>63,612 | 339,509<br>348,038 | 88,333<br>97,929  | (D)<br>(D)     | 19,441<br>22,179 | 65,271<br>71,356 |
| Female                                    | farms, 2002<br>1997 | 192<br>164         | 50<br>45         | 116<br>128         | 194<br>126        | 2<br>3         | 12<br>6          | 78<br>71         |
|   | acres, 2002<br>1997 | 17,867<br>10,746   | 4,064<br>2,957   | 13,574<br>9,002    | 7,977<br>7,293    | (D)<br>(D)     | 969<br>1,153     | 2,698<br>3,258   |
| Primary occupation:                       |                     |                    |                  |                    |                   |                |                  |                  |
| Farming                                   | 2002<br>1997        | 679<br>553         | 251<br>248       | 768<br>645         | 401<br>313        | 18<br>10       | 51<br>39         | 285<br>301       |
| Other                                     | 2002<br>1997        | 508<br>675         | 178<br>172       | 678<br>871         | 476<br>458        | 12<br>26       | 25<br>47         | 153<br>310       |
| Place of residence <sup>1</sup> :         |                     |                    |                  |                    |                   |                |                  |                  |
| On farm operated                          | 2002<br>1997        | 1,050<br>1,036     | 357<br>287       | 1,178<br>1,185     | 795<br>684        | 28<br>27       | 67<br>69         | 419<br>467       |
| Not on farm operated                      | 2002<br>1997        | 137<br>127         | 72<br>103        | 268<br>231         | 82<br>50          | 2<br>7         | 9<br>11          | 93<br>101        |
| Days worked off farm <sup>1</sup> :       |                     |                    |                  |                    |                   |                |                  |                  |
| None                                      | 2002<br>1997        | 527<br>461         | 172<br>164       | 594<br>523         | 344<br>246        | 15<br>16       | 28<br>33         | 231<br>267       |
| Any                                       | 2002<br>1997        | 660<br>713         | 257<br>235       | 852<br>935         | 533<br>507        | 15<br>20       | 48<br>49         | 178<br>318       |
| 1 to 49 days                              | 2002<br>1997        | 59<br>51           | 34<br>29         | 91<br>70           | 54<br>29          | -<br>2         | 1<br>6           | 20<br>26         |
| 50 to 99 days                             | 2002<br>1997        | 20<br>24           | 18<br>12         | 35<br>56           | 20<br>19          | -<br>2         | 8<br>1           | 19<br>23         |
| 100 to 199 days                           | 2002<br>1997        | 78<br>73           | 39<br>32         | 96<br>91           | 41<br>41          | 1<br>1         | 7<br>7           | 29<br>31         |
| 200 days or more                          | 2002<br>1997        | 503<br>531         | 166<br>149       | 630<br>690         | 418<br>374        | 14<br>14       | 32<br>38         | 110<br>226       |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Marquette   | Mason  | Mecosta | Menominee | Midland | Missaukee | Monroe | Montcalm |
|---|-------------|--------|---------|-----------|---------|-----------|--------|----------|
| <b>F FARMS</b>                            |             |        |         |           |         |           |        |          |
| Land in farms                             | farms, 2002 | 160    | 478     | 794       | 372     | 510       | 412    | 1,183    |
|   | 1997        | 135    | 475     | 696       | 394     | 499       | 377    | 1,234    |
|   | acres, 2002 | 30,073 | 79,621  | 119,777   | 98,755  | 84,910    | 97,792 | 217,421  |
|   | 1997        | 29,846 | 83,256  | 120,224   | 114,131 | 87,391    | 94,026 | 222,761  |
| Harvested cropland                        | farms, 2002 | 98     | 365     | 555       | 304     | 328       | 337    | 917      |
|   | 1997        | 88     | 407     | 558       | 346     | 382       | 333    | 1,038    |
|   | acres, 2002 | 8,202  | 45,782  | 58,119    | 45,169  | 58,226    | 58,204 | 189,011  |
|   | 1997        | 8,115  | 47,003  | 61,094    | 50,246  | 58,759    | 55,893 | 198,485  |
| <b>T TENURE</b>                           |             |        |         |           |         |           |        |          |
| Full owners                               | farms, 2002 | 127    | 327     | 586       | 204     | 357       | 272    | 684      |
|   | 1997        | 104    | 297     | 444       | 221     | 311       | 233    | 639      |
|   | acres, 2002 | 15,844 | 33,951  | 56,259    | 33,219  | 29,548    | 35,479 | 35,492   |
|   | 1997        | 13,207 | 33,073  | 50,218    | 36,183  | 28,183    | 31,717 | 84,119   |
| Harvested cropland                        | farms, 2002 | 69     | 231     | 363       | 151     | 186       | 204    | 452      |
|   | 1997        | 61     | 240     | 324       | 176     | 208       | 194    | 464      |
|   | acres, 2002 | 2,086  | 14,578  | 16,054    | 8,843   | 11,918    | 13,178 | 21,283   |
|   | 1997        | 2,205  | 13,038  | 16,681    | 7,921   | 11,168    | 13,744 | 30,075   |
| Part owners                               | farms, 2002 | 26     | 135     | 194       | 157     | 135       | 132    | 409      |
|   | 1997        | 25     | 161     | 236       | 162     | 160       | 134    | 468      |
|   | acres, 2002 | 13,742 | 41,139  | 61,554    | 63,818  | 54,461    | 60,793 | 154,742  |
|   | 1997        | 15,000 | 48,415  | 67,756    | 74,950  | 52,649    | 60,905 | 164,282  |
| Owned land in farms                       | acres, 2002 | 11,246 | 24,484  | 31,304    | 40,408  | 24,736    | 37,753 | 54,579   |
|   | 1997        | 12,344 | 27,690  | 35,863    | 51,071  | 23,379    | 39,213 | 77,643   |
| Rented land in farms                      | acres, 2002 | 2,496  | 16,655  | 30,250    | 23,410  | 29,725    | 23,040 | 100,163  |
|   | 1997        | 2,656  | 20,725  | 31,893    | 23,879  | 29,070    | 21,692 | 79,588   |
| Harvested cropland                        | farms, 2002 | 26     | 121     | 182       | 146     | 130       | 127    | 281      |
|   | 1997        | 23     | 154     | 223       | 159     | 151       | 129    | 458      |
|   | acres, 2002 | 5,904  | 27,474  | 40,985    | 34,858  | 45,660    | 43,787 | 141,210  |
|   | 1997        | 5,649  | 32,640  | 42,887    | 40,835  | 41,828    | 40,909 | 125,979  |
| Tenants                                   | farms, 2002 | 7      | 16      | 14        | 11      | 18        | 8      | 90       |
|   | 1997        | 6      | 17      | 16        | 11      | 28        | 10     | 127      |
|   | acres, 2002 | 487    | 4,531   | 1,964     | 1,718   | 901       | 1,520  | 27,187   |
|   | 1997        | 1,639  | 1,768   | 2,250     | 2,998   | 6,559     | 1,404  | 13,956   |
| Harvested cropland                        | farms, 2002 | 3      | 13      | 10        | 7       | 12        | 6      | 43       |
|   | 1997        | 4      | 13      | 11        | 11      | 23        | 10     | 63       |
|   | acres, 2002 | 212    | 3,730   | 1,080     | 1,468   | 648       | 1,239  | 26,518   |
|   | 1997        | 261    | 1,325   | 1,526     | 1,490   | 5,763     | 1,240  | 22,253   |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |             |        |         |           |         |           |        |          |
| Total operators                           | number      | 262    | 734     | 1,214     | 575     | 762       | 672    | 1,719    |
| Farms by number of operators:             |             |        |         |           |         |           |        |          |
| 1 operator                                |             | 73     | 274     | 475       | 206     | 312       | 222    | 736      |
| 2 operators                               |             | 75     | 170     | 268       | 139     | 159       | 144    | 379      |
| 3 operators                               |             | 9      | 23      | 37        | 19      | 29        | 31     | 51       |
| 4 operators                               |             | 3      | 6       | 3         | 7       | 6         | 10     | 14       |
| 5 or more operators                       |             | -      | 5       | 11        | 1       | 4         | 5      | 6        |
| Total women operators                     | number      | 118    | 215     | 343       | 183     | 211       | 168    | 422      |
| Farms by number of women operators:       |             |        |         |           |         |           |        |          |
| 1 operator                                |             | 85     | 181     | 289       | 151     | 188       | 150    | 356      |
| 2 operators                               |             | 9      | 11      | 21        | 13      | 8         | 9      | 19       |
| 3 operators                               |             | 5      | 4       | -         | 2       | 1         | -      | 8        |
| 4 operators                               |             | -      | -       | 3         | -       | 1         | -      | 1        |
| 5 or more operators                       |             | -      | -       | -         | -       | -         | -      | -        |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |             |        |         |           |         |           |        |          |
| Sex of operator:                          |             |        |         |           |         |           |        |          |
| Male                                      | farms, 2002 | 107    | 412     | 704       | 323     | 464       | 385    | 1,063    |
|   | 1997        | 113    | 421     | 650       | 354     | 454       | 347    | 1,123    |
|   | acres, 2002 | 25,855 | 73,165  | 110,271   | 94,415  | 83,179    | 93,656 | 212,156  |
|   | 1997        | 28,652 | 75,838  | 114,681   | 106,972 | 82,850    | 90,391 | 242,434  |
| Female                                    | farms, 2002 | 53     | 66      | 90        | 49      | 46        | 27     | 120      |
|   | 1997        | 22     | 54      | 46        | 40      | 45        | 30     | 111      |
|   | acres, 2002 | 4,218  | 6,456   | 9,506     | 4,340   | 1,731     | 4,136  | 5,265    |
|   | 1997        | 1,194  | 7,418   | 5,543     | 7,159   | 4,541     | 3,635  | 10,001   |
| Primary occupation:                       |             |        |         |           |         |           |        |          |
| Farming                                   | 2002        | 84     | 248     | 428       | 203     | 291       | 252    | 661      |
|   | 1997        | 41     | 208     | 285       | 188     | 190       | 205    | 514      |
| Other                                     | 2002        | 76     | 230     | 366       | 169     | 219       | 160    | 522      |
|   | 1997        | 94     | 267     | 411       | 206     | 309       | 172    | 720      |
| Place of residence <sup>1</sup> :         |             |        |         |           |         |           |        |          |
| On farm operated                          | 2002        | 144    | 419     | 682       | 324     | 441       | 335    | 998      |
|   | 1997        | 112    | 387     | 570       | 329     | 423       | 311    | 1,002    |
| Not on farm operated                      | 2002        | 16     | 59      | 112       | 48      | 69        | 77     | 185      |
|   | 1997        | 13     | 50      | 73        | 52      | 56        | 46     | 148      |
| Days worked off farm <sup>1</sup> :       |             |        |         |           |         |           |        |          |
| None                                      | 2002        | 64     | 196     | 359       | 167     | 197       | 192    | 483      |
|   | 1997        | 33     | 170     | 252       | 160     | 172       | 161    | 410      |
| Any                                       | 2002        | 96     | 282     | 435       | 205     | 313       | 220    | 700      |
|   | 1997        | 94     | 291     | 406       | 215     | 309       | 186    | 781      |
| 1 to 49 days                              | 2002        | 8      | 20      | 46        | 17      | 21        | 8      | 42       |
|   | 1997        | 11     | 24      | 36        | 19      | 29        | 18     | 57       |
| 50 to 99 days                             | 2002        | 2      | 13      | 18        | 5       | 19        | 11     | 38       |
|   | 1997        | 2      | 17      | 13        | 11      | 15        | 9      | 25       |
| 100 to 199 days                           | 2002        | 10     | 25      | 56        | 30      | 38        | 14     | 96       |
|   | 1997        | (NA)   | (NA)    | (NA)      | (NA)    | (NA)      | (NA)   | (NA)     |
| 200 days or more                          | 2002        | 76     | 224     | 315       | 153     | 235       | 187    | 524      |
|   | 1997        | 60     | 189     | 299       | 147     | 232       | 136    | 621      |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Montmorency         | Muskegon         | Newaygo          | Oakland            | Oceana           | Ogemaw             | Ontonagon        | Osceola          |
|---|---------------------|------------------|------------------|--------------------|------------------|--------------------|------------------|------------------|
| <b>F FARMS</b>                            |                     |                  |                  |                    |                  |                    |                  |                  |
| Land in farms                             | farms, 2002<br>1997 | 139<br>124       | 545<br>493       | 902<br>787         | 643<br>677       | 648<br>649         | 256<br>299       | 108<br>103       |
|   | acres, 2002<br>1997 | 21,077<br>23,335 | 73,918<br>76,995 | 135,422<br>131,779 | 40,930<br>50,016 | 127,404<br>133,146 | 67,836<br>75,185 | 33,666<br>33,871 |
| Harvested cropland                        | farms, 2002<br>1997 | 100<br>94        | 347<br>381       | 689<br>663         | 307<br>386       | 540<br>583         | 205<br>257       | 93<br>95         |
|   | acres, 2002<br>1997 | 9,919<br>10,695  | 42,148<br>47,550 | 72,732<br>74,140   | 17,094<br>26,110 | 71,506<br>69,470   | 36,359<br>41,086 | 12,773<br>11,865 |
| <b>T TENURE</b>                           |                     |                  |                  |                    |                  |                    |                  |                  |
| Full owners                               | farms, 2002<br>1997 | 95<br>83         | 420<br>357       | 628<br>492         | 531<br>507       | 470<br>421         | 162<br>160       | 69<br>55         |
|   | acres, 2002<br>1997 | 9,397<br>11,951  | 38,565<br>34,476 | 52,992<br>55,366   | 24,155<br>19,430 | 56,851<br>54,547   | 30,977<br>25,436 | 14,915<br>12,904 |
| Harvested cropland                        | farms, 2002<br>1997 | 68<br>56         | 238<br>252       | 431<br>384         | 223<br>246       | 369<br>367         | 118<br>125       | 54<br>48         |
|   | acres, 2002<br>1997 | 2,246<br>3,854   | 15,853<br>15,001 | 17,327<br>22,396   | 5,807<br>4,319   | 22,978<br>21,179   | 11,591<br>7,236  | 12,773<br>2,725  |
| Part owners                               | farms, 2002<br>1997 | 41<br>36         | 114<br>118       | 258<br>272         | 83<br>122        | 164<br>195         | 91<br>119        | 37<br>48         |
|   | acres, 2002<br>1997 | 10,401<br>10,063 | 34,242<br>37,898 | 76,820<br>74,041   | 13,073<br>24,056 | 63,179<br>71,260   | 36,545<br>43,840 | 422<br>53,231    |
| Owned land in farms                       | acres, 2002<br>1997 | 6,454<br>6,541   | 20,088<br>22,753 | 43,077<br>41,071   | 4,304<br>7,114   | 41,594<br>48,328   | 20,967<br>28,259 | 65,176<br>35,942 |
| Rented land in farms                      | acres, 2002<br>1997 | 3,947<br>3,522   | 14,154<br>15,145 | 33,743<br>32,970   | 8,769<br>16,942  | 21,585<br>22,932   | 13,202<br>15,581 | 38,230<br>26,946 |
| Harvested cropland                        | farms, 2002<br>1997 | 29<br>33         | 101<br>114       | 244<br>262         | 63<br>106        | 157<br>187         | 84<br>114        | 158<br>195       |
|   | acres, 2002<br>1997 | 6,399<br>5,742   | 25,816<br>28,564 | 53,774<br>50,672   | 8,649<br>16,915  | 43,601<br>43,657   | 24,691<br>29,053 | 9,351<br>9,140   |
| Tenants                                   | farms, 2002<br>1997 | 3<br>5           | 11<br>18         | 16<br>23           | 29<br>48         | 14<br>33           | 3<br>20          | 2<br>18          |
|   | acres, 2002<br>1997 | 1,279<br>1,321   | 1,111<br>4,621   | 5,610<br>2,372     | 3,702<br>6,530   | 7,374<br>7,339     | 314<br>5,909     | (D)<br>-         |
| Harvested cropland                        | farms, 2002<br>1997 | 3<br>5           | 8<br>15          | 14<br>17           | 21<br>34         | 14<br>29           | 3<br>18          | 1<br>13          |
|   | acres, 2002<br>1997 | 1,274<br>1,099   | 479<br>3,985     | 1,631<br>1,072     | 2,638<br>4,876   | 4,927<br>4,634     | 77<br>4,797      | (D)<br>906       |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |                     |                  |                  |                    |                  |                    |                  |                  |
| Total operators                           | number              | 197              | 809              | 1,347              | 1,051            | 1,001              | 403              | 176              |
| Farms by number of operators:             |                     |                  |                  |                    |                  |                    |                  |                  |
| 1 operator                                |                     | 90               | 322              | 520                | 336              | 366                | 137              | 56               |
| 2 operators                               |                     | 44               | 191              | 332                | 243              | 239                | 96               | 187              |
| 3 operators                               |                     | 3                | 25               | 38                 | 46               | 34                 | 19               | 7                |
| 4 operators                               |                     | 1                | 5                | 11                 | 8                | 3                  | 3                | 8                |
| 5 or more operators                       |                     | 1                | 2                | 1                  | 10               | 6                  | 1                | 9                |
| Total women operators                     | number              | 51               | 245              | 403                | 428              | 299                | 105              | 56               |
| Farms by number of women operators:       |                     |                  |                  |                    |                  |                    |                  |                  |
| 1 operator                                |                     | 44               | 215              | 379                | 314              | 256                | 89               | 47               |
| 2 operators                               |                     | 2                | 12               | 9                  | 41               | 12                 | 8                | 3                |
| 3 operators                               |                     | 1                | 2                | 2                  | 3                | 3                  | -                | 1                |
| 4 operators                               |                     | -                | -                | -                  | 2                | -                  | -                | 1                |
| 5 or more operators                       |                     | -                | -                | -                  | 3                | 1                  | -                | -                |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |                     |                  |                  |                    |                  |                    |                  |                  |
| Sex of operator:                          |                     |                  |                  |                    |                  |                    |                  |                  |
| Male                                      | farms, 2002<br>1997 | 126<br>111       | 467<br>448       | 816<br>720         | 475<br>537       | 573<br>597         | 228<br>269       | 100<br>96        |
|   | acres, 2002<br>1997 | 19,919<br>20,242 | 69,571<br>74,756 | 129,175<br>124,971 | 33,059<br>44,530 | 119,669<br>127,881 | 60,846<br>69,782 | 32,172<br>31,876 |
| Female                                    | farms, 2002<br>1997 | 13<br>13         | 78<br>45         | 86<br>67           | 168<br>140       | 75<br>52           | 28<br>30         | 8<br>7           |
|   | acres, 2002<br>1997 | 1,158<br>3,093   | 4,347<br>2,239   | 6,247<br>6,808     | 7,871<br>5,486   | 7,735<br>5,265     | 6,990<br>5,403   | 1,494<br>1,995   |
| Primary occupation:                       |                     |                  |                  |                    |                  |                    |                  |                  |
| Farming                                   | 2002<br>1997        | 71<br>51         | 289<br>214       | 476<br>344         | 322<br>225       | 322<br>318         | 152<br>137       | 64<br>55         |
| Other                                     | 2002<br>1997        | 68<br>73         | 256<br>279       | 426<br>443         | 321<br>452       | 326<br>331         | 104<br>162       | 44<br>48         |
| Place of residence <sup>1</sup> :         |                     |                  |                  |                    |                  |                    |                  |                  |
| On farm operated                          | 2002<br>1997        | 119<br>95        | 485<br>406       | 788<br>646         | 549<br>539       | 544<br>517         | 235<br>250       | 94<br>83         |
| Not on farm operated                      | 2002<br>1997        | 20<br>13         | 60<br>60         | 114<br>100         | 94<br>112        | 104<br>97          | 21<br>36         | 14<br>9          |
| Days worked off farm <sup>1</sup> :       |                     |                  |                  |                    |                  |                    |                  |                  |
| None                                      | 2002<br>1997        | 64<br>39         | 235<br>171       | 367<br>283         | 320<br>222       | 268<br>233         | 138<br>127       | 58<br>43         |
| Any                                       | 2002<br>1997        | 75<br>81         | 310<br>300       | 535<br>471         | 323<br>431       | 380<br>386         | 118<br>166       | 50<br>54         |
| 1 to 49 days                              | 2002<br>1997        | 8<br>5           | 25<br>22         | 36<br>32           | 43<br>29         | 30<br>41           | 10<br>5          | 6<br>8           |
| 50 to 99 days                             | 2002<br>1997        | 3<br>1           | 22<br>10         | 33<br>12           | 27<br>24         | 12<br>22           | 13<br>12         | -<br>11          |
| 100 to 199 days                           | 2002<br>1997        | 8<br>1           | 36<br>46         | 47<br>47           | 64<br>64         | 23<br>23           | 4<br>4           | 23<br>23         |
| 200 days or more                          | 2002<br>1997        | 56<br>67         | 227<br>226       | 420<br>351         | 206<br>300       | 274<br>262         | 72<br>122        | 40<br>29         |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Oscoda      | Otsego | Ottawa | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
|---|-------------|--------|--------|--------------|-----------|---------|-----------|------------|
| <b>F FARMS</b>                            |             |        |        |              |           |         |           |            |
| Land in farms                             | farms, 2002 | 123    | 170    | 1,291        | 303       | 46      | 1,359     | 1,260      |
|   | 1997        | 96     | 160    | 1,497        | 337       | 45      | 1,320     | 907        |
|   | acres, 2002 | 16,989 | 34,585 | 165,484      | 68,059    | 7,394   | 324,615   | 916        |
|   | 1997        | 15,792 | 36,705 | 181,527      | 87,060    | 4,664   | 310,050   | 230,624    |
| Harvested cropland                        | farms, 2002 | 94     | 116    | 1,030        | 237       | 29      | 1,052     | 230,145    |
|   | 1997        | 79     | 125    | 1,250        | 294       | 33      | 1,151     | 653        |
|   | acres, 2002 | 5,925  | 12,768 | 120,164      | 29,611    | 1,661   | 269,242   | 940        |
|   | 1997        | 5,466  | 12,787 | 125,980      | 39,791    | 2,084   | 266,243   | 750        |
| <b>T TENURE</b>                           |             |        |        |              |           |         |           |            |
| Full owners                               | farms, 2002 | 84     | 123    | 882          | 214       | 35      | 835       | 883        |
|   | 1997        | 67     | 114    | 955          | 208       | 32      | 707       | 594        |
|   | acres, 2002 | 9,303  | 18,513 | 52,894       | 32,691    | 5,653   | 64,538    | 671        |
|   | 1997        | 9,465  | (D)    | 53,737       | 37,099    | 1,972   | 58,919    | 528        |
| Harvested cropland                        | farms, 2002 | 56     | 77     | 644          | 154       | 19      | 547       | 53,514     |
|   | 1997        | 52     | 84     | 739          | 176       | 21      | 551       | 359        |
|   | acres, 2002 | (D)    | (D)    | 25,592       | 11,049    | (D)     | 31,982    | 384        |
|   | 1997        | 2,649  | (D)    | 24,413       | 11,334    | 543     | 37,906    | 24,043     |
| Part owners                               | farms, 2002 | 36     | 42     | 356          | 85        | 9       | 433       | 336        |
|   | 1997        | 24     | 44     | 452          | 119       | 13      | 510       | 268        |
|   | acres, 2002 | (D)    | 15,456 | 108,185      | 34,885    | (D)     | 235,021   | 390        |
|   | 1997        | 5,321  | 15,778 | 118,895      | 48,692    | 2,692   | 225,434   | 152,517    |
| Owned land in farms                       | acres, 2002 | 5,011  | 7,173  | 51,368       | 17,103    | 848     | 91,302    | 161,588    |
|   | 1997        | 2,683  | 7,845  | 63,412       | 26,656    | 1,362   | 91,553    | 69,911     |
| Rented land in farms                      | acres, 2002 | (D)    | 8,283  | 56,817       | 17,782    | (D)     | 143,719   | 77,462     |
|   | 1997        | 2,638  | 7,933  | 55,483       | 22,036    | 1,330   | 133,881   | 82,606     |
| Harvested cropland                        | farms, 2002 | 35     | 38     | 340          | 79        | 9       | 421       | 84,126     |
|   | 1997        | 23     | 39     | 429          | 111       | 12      | 501       | 256        |
|   | acres, 2002 | 3,407  | 8,016  | 90,937       | 18,242    | (D)     | 214,437   | 388        |
|   | 1997        | 2,208  | 7,077  | 94,210       | 27,870    | 1,541   | 204,326   | 293        |
| Tenants                                   | farms, 2002 | 3      | 5      | 53           | 4         | 2       | 91        | 41         |
|   | 1997        | 5      | 2      | 90           | 10        | -       | 103       | 45         |
|   | acres, 2002 | (D)    | 616    | 4,405        | 483       | (D)     | 25,056    | 59         |
|   | 1997        | 1,006  | (D)    | 8,895        | 1,269     | -       | 25,697    | 18,089     |
| Harvested cropland                        | farms, 2002 | 3      | 1      | 46           | 4         | 1       | 84        | 8,221      |
|   | 1997        | 4      | 2      | 82           | 7         | -       | 99        | 15,043     |
|   | acres, 2002 | (D)    | (D)    | 3,635        | 320       | (D)     | 22,823    | 53         |
|   | 1997        | 609    | (D)    | 7,357        | 587       | -       | 24,011    | 73         |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |             |        |        |              |           |         |           |            |
| Total operators                           | number      | 219    | 267    | 1,996        | 444       | 71      | 1,931     | 1,897      |
| Farms by number of operators:             |             |        |        |              |           |         |           |            |
| 1 operator                                |             | 64     | 93     | 745          | 195       | 25      | 891       | 718        |
| 2 operators                               |             | 44     | 62     | 429          | 82        | 17      | 392       | 463        |
| 3 operators                               |             | 6      | 10     | 84           | 21        | 4       | 56        | 66         |
| 4 operators                               |             | 4      | 5      | 25           | 3         | -       | 15        | 10         |
| 5 or more operators                       |             | 5      | -      | 8            | 2         | -       | 5         | 13         |
| Total women operators                     | number      | 87     | 88     | 504          | 100       | 17      | 430       | 577        |
| Farms by number of women operators:       |             |        |        |              |           |         |           |            |
| 1 operator                                |             | 43     | 74     | 416          | 88        | 17      | 396       | 511        |
| 2 operators                               |             | 10     | 1      | 38           | 3         | -       | 17        | 324        |
| 3 operators                               |             | -      | 4      | 4            | 2         | -       | -         | 15         |
| 4 operators                               |             | -      | -      | -            | -         | -       | -         | -          |
| 5 or more operators                       |             | 4      | -      | -            | -         | -       | -         | -          |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |             |        |        |              |           |         |           |            |
| Sex of operator:                          |             |        |        |              |           |         |           |            |
| Male                                      | farms, 2002 | 118    | 151    | 1,187        | 275       | 38      | 1,246     | 1,094      |
|   | 1997        | 81     | 144    | 1,408        | 320       | 42      | 1,232     | 825        |
|   | acres, 2002 | 16,624 | 31,082 | 160,428      | 63,818    | 6,997   | 315,336   | 987        |
|   | 1997        | 13,085 | 34,540 | 177,082      | 85,615    | (D)     | 303,780   | 845        |
| Female                                    | farms, 2002 | 5      | 19     | 104          | 28        | 8       | 113       | 166        |
|   | 1997        | 15     | 16     | 89           | 17        | 3       | 88        | 82         |
|   | acres, 2002 | 365    | 3,503  | 5,056        | 4,241     | 397     | 9,279     | 133        |
|   | 1997        | 2,707  | 2,165  | 4,445        | 1,445     | (D)     | 6,270     | 71         |
| Primary occupation:                       |             |        |        |              |           |         |           |            |
| Farming                                   | 2002        | 84     | 99     | 733          | 162       | 17      | 801       | 686        |
|   | 1997        | 51     | 54     | 725          | 156       | 16      | 673       | 534        |
| Other                                     | 2002        | 39     | 71     | 558          | 141       | 29      | 558       | 462        |
|   | 1997        | 45     | 106    | 772          | 181       | 29      | 647       | 373        |
|   |             |        |        |              |           |         |           | 454        |
| Place of residence <sup>1</sup> :         |             |        |        |              |           |         |           |            |
| On farm operated                          | 2002        | 120    | 154    | 1,100        | 252       | 36      | 1,130     | 1,148      |
|   | 1997        | 82     | 129    | 1,193        | 256       | 30      | 1,037     | 780        |
| Not on farm operated                      | 2002        | 3      | 16     | 191          | 51        | 10      | 229       | 732        |
|   | 1997        | 5      | 21     | 202          | 47        | 8       | 195       | 127        |
|   |             |        |        |              |           |         |           | 131        |
| Days worked off farm <sup>1</sup> :       |             |        |        |              |           |         |           |            |
| None                                      | 2002        | 48     | 65     | 569          | 123       | 24      | 638       | 490        |
|   | 1997        | 34     | 49     | 562          | 134       | 10      | 529       | 384        |
| Any                                       | 2002        | 75     | 105    | 722          | 180       | 22      | 721       | 318        |
|   | 1997        | 55     | 104    | 855          | 187       | 30      | 725       | 523        |
| 1 to 49 days                              | 2002        | 14     | 7      | 78           | 14        | 1       | 90        | 49         |
|   | 1997        | 2      | 5      | 81           | 17        | 3       | 74        | 41         |
| 50 to 99 days                             | 2002        | -      | 10     | 39           | 11        | 2       | 43        | 49         |
|   | 1997        | 4      | 4      | 40           | 9         | -       | 44        | 17         |
| 100 to 199 days                           | 2002        | 13     | 7      | 72           | 15        | 1       | 77        | 25         |
|   | 1997        | (NA)   | (NA)   | (NA)         | (NA)      | (NA)    | (NA)      | 32         |
| 200 days or more                          | 2002        | 48     | 81     | 533          | 140       | 18      | 511       | 50         |
|   | 1997        | 35     | 81     | 620          | 133       | 21      | 516       | 415        |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item                                      | Sanilac             | Schoolcraft        | Shiawassee       | Tuscola            | Van Buren          | Washtenaw          | Wayne              | Wexford          |
|---|---------------------|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|------------------|
| <b>F FARMS</b>                            |                     |                    |                  |                    |                    |                    |                    |                  |
| Land in farms                             | farms, 2002<br>1997 | 1,595<br>1,634     | 51<br>51         | 1,037<br>1,063     | 1,292<br>1,301     | 1,160<br>1,217     | 1,325<br>1,203     | 319<br>362       |
|   | acres, 2002<br>1997 | 434,738<br>443,475 | 13,541<br>16,257 | 234,788<br>227,347 | 335,542<br>343,498 | 176,260<br>189,432 | 175,259<br>189,863 | 21,485<br>41,586 |
| Harvested cropland                        | farms, 2002<br>1997 | 1,145<br>1,284     | 41<br>39         | 805<br>904         | 911<br>1,047       | 865<br>1,047       | 915<br>916         | 187<br>236       |
|   | acres, 2002<br>1997 | 340,659<br>340,770 | 5,192<br>5,110   | 185,271<br>179,575 | 270,006<br>271,081 | 107,184<br>116,190 | 122,754<br>139,607 | 14,269<br>23,764 |
| <b>T TENURE</b>                           |                     |                    |                  |                    |                    |                    |                    |                  |
| Full owners                               | farms, 2002<br>1997 | 1,004<br>904       | 32<br>27         | 648<br>592         | 805<br>699         | 908<br>879         | 955<br>732         | 239<br>256       |
|   | acres, 2002<br>1997 | 105,989<br>103,771 | 3,369<br>(D)     | 56,536<br>53,751   | 70,856<br>70,620   | 70,323<br>68,787   | 59,100<br>49,361   | 8,848<br>11,424  |
| Harvested cropland                        | farms, 2002<br>1997 | 569<br>592         | 22<br>17         | 434<br>446         | 440<br>470         | 642<br>725         | 576<br>468         | 124<br>143       |
|   | acres, 2002<br>1997 | 53,098<br>53,906   | 1,275<br>(D)     | 30,282<br>32,082   | 32,951<br>34,855   | 24,232<br>24,720   | 24,567<br>22,038   | 3,817<br>4,479   |
| Part owners                               | farms, 2002<br>1997 | 533<br>617         | 19<br>22         | 339<br>394         | 408<br>488         | 216<br>278         | 293<br>400         | 52<br>76         |
|   | acres, 2002<br>1997 | 313,371<br>307,824 | 10,172<br>10,240 | 169,384<br>159,821 | 219,381<br>241,563 | 97,554<br>109,037  | 97,614<br>126,745  | 10,959<br>24,018 |
| Owned land in farms                       | acres, 2002<br>1997 | 156,973<br>167,390 | 6,443<br>6,192   | 80,445<br>74,161   | 91,614<br>110,066  | 39,872<br>47,020   | 42,286<br>58,074   | 2,988<br>8,200   |
| Rented land in farms                      | acres, 2002<br>1997 | 156,398<br>140,434 | 3,729<br>4,048   | 88,939<br>85,660   | 127,767<br>131,497 | 57,682<br>62,017   | 55,328<br>68,671   | 7,971<br>15,818  |
| Harvested cropland                        | farms, 2002<br>1997 | 522<br>597         | 19<br>20         | 325<br>386         | 398<br>475         | 197<br>266         | 278<br>382         | 47<br>70         |
|   | acres, 2002<br>1997 | 273,020<br>259,218 | 3,917<br>3,942   | 146,914<br>136,925 | 194,873<br>207,925 | 76,381<br>82,821   | 81,453<br>105,121  | 9,262<br>16,788  |
| Tenants                                   | farms, 2002<br>1997 | 58<br>113          | -<br>2           | 50<br>77           | 79<br>114          | 36<br>60           | 77<br>71           | 28<br>30         |
|   | acres, 2002<br>1997 | 15,378<br>31,880   | -<br>(D)         | 8,868<br>13,775    | 45,305<br>31,315   | 8,383<br>11,608    | 18,545<br>13,757   | 1,678<br>6,144   |
| Harvested cropland                        | farms, 2002<br>1997 | 54<br>95           | -<br>2           | 46<br>72           | 73<br>102          | 26<br>56           | 61<br>66           | 16<br>23         |
|   | acres, 2002<br>1997 | 14,541<br>27,646   | -<br>(D)         | 8,075<br>10,568    | 42,182<br>28,301   | 6,571<br>8,649     | 16,734<br>12,448   | 1,190<br>2,497   |
| <b>2002 NUMBER OF ALL OPERATORS</b>       |                     |                    |                  |                    |                    |                    |                    |                  |
| Total operators                           | number              | 2,316              | 85               | 1,562              | 1,963              | 1,705              | 2,012              | 566              |
| Farms by number of operators:             |                     |                    |                  |                    |                    |                    |                    |                  |
| 1 operator                                |                     | 1,008              | 26               | 608                | 786                | 709                | 786                | 151              |
| 2 operators                               |                     | 494                | 21               | 350                | 407                | 378                | 439                | 119              |
| 3 operators                               |                     | 63                 | 3                | 63                 | 67                 | 61                 | 66                 | 35               |
| 4 operators                               |                     | 20                 | -                | 15                 | 26                 | 8                  | 26                 | 8                |
| 5 or more operators                       |                     | 10                 | 1                | 1                  | 6                  | 4                  | 8                  | 6                |
| Total women operators                     | number              | 548                | 31               | 443                | 496                | 484                | 650                | 203              |
| Farms by number of women operators:       |                     |                    |                  |                    |                    |                    |                    |                  |
| 1 operator                                |                     | 492                | 23               | 373                | 413                | 428                | 537                | 150              |
| 2 operators                               |                     | 25                 | 2                | 32                 | 29                 | 25                 | 46                 | 25               |
| 3 operators                               |                     | 2                  | -                | 2                  | 3                  | 2                  | 3                  | 1                |
| 4 operators                               |                     | -                  | 1                | -                  | -                  | -                  | 3                  | -                |
| 5 or more operators                       |                     | -                  | -                | -                  | 2                  | -                  | -                  | -                |
| <b>PRINCIPAL OPERATOR CHARACTERISTICS</b> |                     |                    |                  |                    |                    |                    |                    |                  |
| Sex of operator:                          |                     |                    |                  |                    |                    |                    |                    |                  |
| Male                                      | farms, 2002<br>1997 | 1,477<br>1,503     | 44<br>43         | 925<br>984         | 1,178<br>1,210     | 1,019<br>1,081     | 1,074<br>1,015     | 255<br>283       |
|   | acres, 2002<br>1997 | 412,121<br>422,782 | 12,562<br>15,275 | 227,280<br>219,744 | 328,665<br>333,303 | 167,033<br>181,454 | 165,609<br>182,251 | 19,658<br>38,519 |
| Female                                    | farms, 2002<br>1997 | 118<br>131         | 7<br>8           | 112<br>79          | 114<br>91          | 141<br>136         | 251<br>188         | 64<br>79         |
|   | acres, 2002<br>1997 | 22,617<br>20,693   | 979<br>982       | 7,508<br>7,603     | 6,877<br>10,195    | 9,227<br>7,978     | 9,650<br>7,612     | 1,827<br>3,067   |
| Primary occupation:                       |                     |                    |                  |                    |                    |                    |                    |                  |
| Farming                                   | 2002<br>1997        | 1,063<br>957       | 31<br>20         | 570<br>448         | 764<br>646         | 623<br>582         | 655<br>526         | 140<br>161       |
| Other                                     | 2002<br>1997        | 532<br>677         | 20<br>31         | 467<br>615         | 528<br>655         | 537<br>635         | 670<br>677         | 179<br>201       |
| Place of residence <sup>1</sup> :         |                     |                    |                  |                    |                    |                    |                    |                  |
| On farm operated                          | 2002<br>1997        | 1,374<br>1,293     | 49<br>42         | 938<br>883         | 1,107<br>1,036     | 999<br>971         | 1,183<br>1,006     | 248<br>236       |
| Not on farm operated                      | 2002<br>1997        | 221<br>218         | 2<br>2           | 99<br>122          | 185<br>188         | 161<br>195         | 142<br>152         | 71<br>77         |
| Days worked off farm <sup>1</sup> :       |                     |                    |                  |                    |                    |                    |                    |                  |
| None                                      | 2002<br>1997        | 772<br>711         | 23<br>13         | 446<br>382         | 620<br>515         | 471<br>458         | 582<br>432         | 156<br>144       |
| Any                                       | 2002<br>1997        | 823<br>820         | 28<br>35         | 591<br>639         | 672<br>731         | 689<br>717         | 743<br>712         | 163<br>202       |
| 1 to 49 days                              | 2002<br>1997        | 73<br>96           | 1<br>1           | 43<br>35           | 67<br>64           | 71<br>74           | 62<br>47           | 15<br>14         |
| 50 to 99 days                             | 2002<br>1997        | 78<br>41           | 2<br>3           | 26<br>26           | 48<br>35           | 38<br>36           | 34<br>29           | 11<br>12         |
| 100 to 199 days                           | 2002<br>1997        | 119<br>(NA)        | 6<br>(NA)        | 92<br>(NA)         | 64<br>(NA)         | 104<br>(NA)        | 72<br>(NA)         | 22<br>8          |
| 200 days or more                          | 2002<br>1997        | 553<br>549         | 19<br>28         | 430<br>496         | 493<br>544         | 476<br>476         | 575<br>530         | 134<br>145       |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Michigan    | Alcona    | Alger  | Allegan | Alpena  | Antrim | Arenac |
|---|-------------|-----------|--------|---------|---------|--------|--------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |             |           |        |         |         |        |        |
| Years on present farm <sup>1</sup> :                              |             |           |        |         |         |        |        |
| 2 years or less .....   | 2002        | 1,537     | 7      | 7       | 34      | 12     | 6      |
| 1997  | 2,204       | 10        | 3      | 50      | 17      | 18     | 12     |
| 3 or 4 years .....  | 2002        | 3,154     | 17     | 2       | 74      | 19     | 36     |
| 1997  | 3,190       | 9         | 3      | 103     | 35      | 17     | 17     |
| 5 to 9 years .....  | 2002        | 8,777     | 54     | 10      | 248     | 74     | 54     |
| 1997  | 7,012       | 29        | 16     | 206     | 62      | 43     | 45     |
| 10 years or more .....  | 2002        | 39,847    | 166    | 48      | 1,133   | 355    | 286    |
| 1997  | 32,593      | 154       | 37     | 980     | 281     | 180    | 304    |
| Average years on present farm .....                               | 2002        | 21.5      | 20.2   | 17.2    | 21.3    | 21.2   | 18.3   |
|   | 1997        | 20.9      | 21.4   | 16.6    | 20.7    | 20.4   | 18.9   |
| Age group:  |             |           |        |         |         |        |        |
| Under 25 years .....  | 2002        | 435       | 4      | -       | 4       | 2      | -      |
| 1997  | 512         | 1         | 1      | 11      | 6       | -      | 4      |
| 25 to 34 years .....  | 2002        | 2,532     | 4      | 3       | 96      | 18     | 8      |
| 1997  | 3,787       | 7         | 6      | 127     | 41      | 25     | 13     |
| 35 to 44 years .....  | 2002        | 10,489    | 35     | 22      | 298     | 99     | 61     |
| 1997  | 12,185      | 52        | 21     | 384     | 116     | 57     | 69     |
| 45 to 54 years .....  | 2002        | 15,227    | 57     | 27      | 443     | 139    | 129    |
| 1997  | 13,893      | 58        | 18     | 414     | 116     | 87     | 102    |
| 55 to 59 years .....  | 2002        | 6,666     | 48     | 6       | 177     | 54     | 54     |
| 1997  | 6,246       | 24        | 3      | 194     | 64      | 40     | 56     |
| 60 to 64 years .....  | 2002        | 6,014     | 25     | 172     | 51      | 38     | 39     |
| 1997  | 5,355       | 29        | 8      | 127     | 49      | 29     | 38     |
| 65 to 69 years .....  | 2002        | 4,407     | 25     | 3       | 133     | 43     | 37     |
| 1997  | 4,351       | 25        | 5      | 134     | 32      | 27     | 33     |
| 70 years and over .....   | 2002        | 7,545     | 46     | 6       | 166     | 54     | 68     |
| 1997  | 7,190       | 44        | 8      | 169     | 68      | 36     | 70     |
| Average age .....   | 2002        | 54.2      | 56.5   | 48.9    | 53.4    | 53.8   | 55.2   |
|   | 1997        | 52.8      | 55.7   | 50.3    | 51.6    | 52.3   | 53.2   |
| <b>TYPE OF ORGANIZATION</b>                                       |             |           |        |         |         |        |        |
| Family or individual .....  | farms, 2002 | 48,070    | 226    | 62      | 1,320   | 449    | 336    |
|   | 1997        | 47,103    | 221    | 61      | 1,346   | 465    | 328    |
| acres, 2002   | 7,430,707   | 35,502    | 12,126 | (D)     | 67,771  | 46,746 | 65,081 |
|   | 1997        | 7,719,786 | 43,327 | 12,966  | 160,919 | 78,425 | 40,645 |
| Partnership .....   | farms, 2002 | 3,172     | 13     | 3       | 105     | 8      | 27     |
|   | 1997        | 4,121     | 15     | 5       | 144     | 18     | 31     |
| acres, 2002   | 1,737,310   | 5,179     | (D)    | 60,053  | 4,949   | 7,462  | 11,341 |
|   | 1997        | 1,751,547 | 2,979  | 1,879   | 63,681  | (D)    | 10,549 |
| Corporation:  |             |           |        |         |         |        |        |
| Family-held .....   | farms, 2002 | 1,683     | 5      | 1       | 58      | 3      | 10     |
|   | 1997        | 1,838     | 4      | 3       | 62      | 7      | 12     |
| acres, 2002   | 875,773     | 320       | (D)    | 27,025  | 1,070   | 8,462  | 4,747  |
|   | 1997        | 859,558   | 690    | (D)     | 23,228  | 907    | (D)    |
| Other than family held .....                                      | farms, 2002 | 134       | -      | -       | 3       | -      | -      |
|   | 1997        | 197       | -      | -       | 3       | 2      | -      |
| acres, 2002   | 35,576      | -         | -      | 815     | -       | 158    | -      |
|   | 1997        | 43,915    | -      | (D)     | (D)     | -      | -      |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002 | 256       | -      | 1       | 3       | 6      | 4      |
|   | 1997        | 260       | -      | 1       | 5       | 2      | 1      |
| acres, 2002   | 63,592      | -         | (D)    | (D)     | -       | 600    | 2,555  |
|   | 1997        | 69,129    | -      | (D)     | (D)     | (D)    | (D)    |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Baraga      | Barry   | Bay     | Benzie  | Berrien | Branch  | Calhoun |
|---|-------------|---------|---------|---------|---------|---------|---------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |             |         |         |         |         |         |         |
| Years on present farm <sup>1</sup> :                              |             |         |         |         |         |         |         |
| 2 years or less .....   | 2002        | 3       | 31      | 17      | -       | 25      | 24      |
| 1997  | -           | 34      | 21      | 4       | 40      | 44      | 34      |
| 3 or 4 years .....  | 2002        | 7       | 81      | 48      | 12      | 62      | 61      |
| 1997  | -           | 57      | 26      | 19      | 69      | 54      | 55      |
| 5 to 9 years .....  | 2002        | 7       | 216     | 86      | 42      | 178     | 188     |
| 1997  | 8           | 152     | 102     | 22      | 170     | 164     | 186     |
| 10 years or more .....  | 2002        | 46      | 735     | 636     | 127     | 828     | 850     |
| 1997  | 41          | 631     | 510     | 101     | 891     | 671     | 874     |
| Average years on present farm .....                               | 2002        | 20.2    | 21.1    | 23.0    | 20.8    | 23.4    | 22.3    |
|   | 1997        | 23.5    | 21.2    | 23.1    | 20.6    | 22.8    | 20.7    |
| Age group:  |             |         |         |         |         |         |         |
| Under 25 years .....  | 2002        | -       | 8       | 5       | 8       | 1       | 6       |
| 1997  | -           | 9       | 8       | -       | 21      | 16      | 20      |
| 25 to 34 years .....  | 2002        | 1       | 42      | 42      | 5       | 53      | 66      |
| 1997  | 2           | 62      | 91      | 9       | 65      | 115     | 56      |
| 35 to 44 years .....  | 2002        | 7       | 231     | 165     | 20      | 185     | 257     |
| 1997  | 11          | 255     | 174     | 29      | 260     | 244     | 230     |
| 45 to 54 years .....  | 2002        | 33      | 291     | 229     | 50      | 270     | 276     |
| 1997  | 18          | 252     | 216     | 36      | 312     | 280     | 272     |
| 55 to 59 years .....  | 2002        | 5       | 108     | 94      | 23      | 127     | 141     |
| 1997  | 8           | 118     | 74      | 21      | 176     | 125     | 123     |
| 60 to 64 years .....  | 2002        | 6       | 116     | 68      | 23      | 124     | 113     |
| 1997  | 12          | 124     | 82      | 25      | 122     | 105     | 179     |
| 65 to 69 years .....  | 2002        | 5       | 97      | 69      | 20      | 102     | 104     |
| 1997  | -           | 83      | 66      | 19      | 115     | 71      | 108     |
| 70 years and over .....   | 2002        | 6       | 170     | 115     | 32      | 231     | 160     |
| 1997  | 11          | 152     | 107     | 26      | 283     | 183     | 159     |
| Average age .....   | 2002        | 55.1    | 54.6    | 53.6    | 55.5    | 56.8    | 54.1    |
|   | 1997        | 55.7    | 53.2    | 52.0    | 55.6    | 55.4    | 52.5    |
| <b>TYPE OF ORGANIZATION</b>                                       |             |         |         |         |         |         |         |
| Family or individual .....  | farms, 2002 | 60      | 995     | 690     | 169     | 972     | 1,051   |
|   | 1997        | 56      | 962     | 715     | 155     | 1,199   | 1,037   |
| acres, 2002   | 12,517      | 144,369 | 128,569 | 17,761  | 122,911 | 204,148 | 185,864 |
|   | 1997        | 12,460  | 140,652 | 131,626 | 20,870  | 136,513 | 199,104 |
| Partnership .....   | farms, 2002 | 1       | 38      | 60      | 6       | 80      | 49      |
|   | 1997        | 4       | 63      | 68      | 6       | 113     | 69      |
| acres, 2002   | (D)         | 26,595  | 30,861  | 2,711   | 38,795  | 44,136  | 38,967  |
|   | 1997        | (D)     | 28,389  | (D)     | 1,938   | 37,409  | 39,237  |
| Corporation:  |             |         |         |         |         |         |         |
| Family-held .....   | farms, 2002 | 1       | 13      | 30      | 6       | 34      | 11      |
|   | 1997        | 2       | 17      | 34      | 4       | 29      | 19      |
| acres, 2002   | (D)         | 7,597   | 26,241  | 2,583   | 9,831   | 3,825   | 14,591  |
|   | 1997        | (D)     | 4,557   | 16,610  | 1,800   | 9,593   | 8,190   |
| Other than family held .....                                      | farms, 2002 | 1       | 1       | 4       | -       | 2       | 1       |
|   | 1997        | -       | 2       | 1       | -       | 6       | 1       |
| acres, 2002   | (D)         | (D)     | 371     | -       | (D)     | (D)     | (D)     |
|   | 1997        | -       | (D)     | (D)     | -       | 562     | 825     |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002 | -       | 16      | 3       | -       | 5       | 11      |
|   | 1997        | -       | 11      | -       | -       | 7       | 13      |
| acres, 2002   | -           | (D)     | 76      | -       | (D)     | (D)     | (D)     |
|   | 1997        | -       | (D)     | -       | -       | 1,732   | 1,670   |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Cass        | Charlevoix | Cheboygan | Chippewa | Clare  | Clinton | Crawford |
|---|-------------|------------|-----------|----------|--------|---------|----------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |             |            |           |          |        |         |          |
| Years on present farm <sup>1</sup> :                              |             |            |           |          |        |         |          |
| 2 years or less .....   | 2002        | 40         | 13        | 9        | 10     | 11      | 37       |
| 1997  | 32          | -          | 14        | 15       | 11     | 56      | -        |
| 3 or 4 years .....  | 2002        | 59         | 12        | 14       | 14     | 39      | 54       |
| 1997  | 63          | 16         | 12        | 29       | 36     | 57      | 3        |
| 5 to 9 years .....  | 2002        | 114        | 51        | 48       | 70     | 66      | 130      |
| 1997  | 86          | 37         | 43        | 65       | 62     | 142     | 18       |
| 10 years or more .....  | 2002        | 595        | 223       | 197      | 278    | 298     | 958      |
| 1997  | 510         | 138        | 150       | 221      | 224    | 841     | 22       |
| Average years on present farm .....                               | 2002        | 21.2       | 20.6      | 20.4     | 20.9   | 20.0    | 23.1     |
|   | 1997        | 22.0       | 20.8      | 20.5     | 20.5   | 18.7    | 21.9     |
| Age group:  |             |            |           |          |        |         |          |
| Under 25 years .....  | 2002        | 10         | 6         | -        | 4      | 3       | 2        |
| 1997  | 8           | 1          | 1         | 2        | 1      | 16      | -        |
| 25 to 34 years .....  | 2002        | 45         | 6         | 15       | 21     | 19      | 40       |
| 1997  | 64          | 8          | 12        | 31       | 35     | 96      | -        |
| 35 to 44 years .....  | 2002        | 146        | 51        | 50       | 65     | 97      | 267      |
| 1997  | 189         | 52         | 59        | 85       | 102    | 294     | 12       |
| 45 to 54 years .....  | 2002        | 277        | 80        | 67       | 90     | 111     | 345      |
| 1997  | 192         | 53         | 61        | 97       | 89     | 373     | 17       |
| 55 to 59 years .....  | 2002        | 82         | 31        | 37       | 60     | 49      | 177      |
| 1997  | 94          | 38         | 38        | 42       | 54     | 135     | -        |
| 60 to 64 years .....  | 2002        | 76         | 64        | 29       | 34     | 41      | 128      |
| 1997  | 72          | 22         | 27        | 42       | 51     | 134     | 12       |
| 65 to 69 years .....  | 2002        | 68         | 16        | 17       | 50     | 41      | 86       |
| 1997  | 66          | 26         | 19        | 40       | 29     | 78      | 4        |
| 70 years and over .....   | 2002        | 104        | 45        | 53       | 48     | 53      | 134      |
| 1997  | 119         | 30         | 32        | 37       | 60     | 160     | -        |
| Average age .....   | 2002        | 53.2       | 55.6      | 55.3     | 54.7   | 53.6    | 53.5     |
|   | 1997        | 53.0       | 54.9      | 53.5     | 52.3   | 52.9    | 52.0     |
| <b>TYPE OF ORGANIZATION</b>                                       |             |            |           |          |        |         |          |
| Family or individual .....  | farms, 2002 | 748        | 282       | 253      | 338    | 384     | 1,087    |
|   | 1997        | 714        | 207       | 228      | 350    | 386     | 1,144    |
| acres, 2002   | (D)         | 33,120     | 42,430    | (D)      | 49,490 | (D)     | 36       |
|   | 1997        | 147,910    | 31,049    | 41,253   | 98,075 | 50,772  | 32       |
| Partnership .....   | farms, 2002 | 43         | 12        | 6        | 31     | 25      | 73       |
|   | 1997        | 67         | 14        | 12       | 21     | 28      | 113      |
| acres, 2002   | 30,445      | 4,354      | 3,318     | 21,397   | 7,660  | 42,497  | 4,049    |
|   | 1997        | 27,545     | 3,243     | 5,067    | 6,996  | 11,923  | (D)      |
| Corporation:  |             |            |           |          |        |         |          |
| Family-held .....   | farms, 2002 | 16         | 5         | 9        | 2      | 5       | 16       |
|   | 1997        | 20         | 6         | 6        | 4      | 6       | 20       |
| acres, 2002   | 13,271      | 1,325      | 4,302     | (D)      | 7,215  | 17,626  | (D)      |
|   | 1997        | 9,646      | 1,197     | (D)      | (D)    | (D)     | 14,629   |
| Other than family held .....                                      | farms, 2002 | -          | -         | -        | -      | -       | 2        |
|   | 1997        | 1          | 2         | 2        | -      | -       | -        |
| acres, 2002   | -           | -          | -         | -        | -      | (D)     | -        |
|   | 1997        | (D)        | (D)       | (D)      | -      | (D)     | -        |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002 | 1          | -         | -        | 1      | -       | 1        |
|   | 1997        | 2          | 1         | 1        | 1      | 1       | 6        |
| acres, 2002   | (D)         | (D)        | (D)       | (D)      | (D)    | (D)     | -        |
|   | 1997        | (D)        | (D)       | (D)      | (D)    | (D)     | -        |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Delta       | Dickinson | Eaton   | Emmet   | Genesee | Gladwin | Gogebic |
|---|-------------|-----------|---------|---------|---------|---------|---------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |             |           |         |         |         |         |         |
| Years on present farm <sup>1</sup> :                              |             |           |         |         |         |         |         |
| 2 years or less .....   | 2002        | 1         | 1       | 43      | 3       | 31      | 17      |
| 1997  | 11          | 6         | 50      | 14      | 48      | 28      | -       |
| 3 or 4 years .....  | 2002        | 12        | 8       | 86      | 19      | 62      | 35      |
| 1997  | 21          | 9         | 78      | 15      | 66      | 29      | 2       |
| 5 to 9 years .....  | 2002        | 49        | 29      | 168     | 40      | 180     | 96      |
| 1997  | 45          | 24        | 151     | 40      | 154     | 78      | 7       |
| 10 years or more .....  | 2002        | 211       | 108     | 924     | 212     | 778     | 386     |
| 1997  | 177         | 71        | 742     | 138     | 564     | 271     | 40      |
| Average years on present farm .....                               | 2002        | 21.4      | 20.9    | 22.2    | 21.3    | 19.8    | 20.6    |
|   | 1997        | 19.9      | 20.6    | 20.8    | 20.5    | 19.5    | 20.1    |
| Age group:  |             |           |         |         |         |         |         |
| Under 25 years .....  | 2002        | 2         | 2       | 11      | -       | 5       | 9       |
| 1997  | 3           | 2         | 18      | -       | 7       | 3       | -       |
| 25 to 34 years .....  | 2002        | 9         | 3       | 82      | 8       | 28      | 26      |
| 1997  | 18          | 7         | 79      | 19      | 36      | 38      | 1       |
| 35 to 44 years .....  | 2002        | 49        | 31      | 216     | 46      | 192     | 106     |
| 1997  | 64          | 31        | 282     | 39      | 236     | 110     | 23      |
| 45 to 54 years .....  | 2002        | 80        | 39      | 364     | 103     | 311     | 125     |
| 1997  | 75          | 41        | 330     | 86      | 255     | 113     | 31      |
| 55 to 59 years .....  | 2002        | 28        | 19      | 132     | 34      | 186     | 68      |
| 1997  | 35          | 21        | 145     | 26      | 122     | 57      | 5       |
| 60 to 64 years .....  | 2002        | 38        | 27      | 135     | 21      | 119     | 69      |
| 1997  | 22          | 3         | 123     | 21      | 96      | 46      | 3       |
| 65 to 69 years .....  | 2002        | 30        | 2       | 98      | 20      | 65      | 46      |
| 1997  | 37          | 12        | 117     | 30      | 82      | 47      | 2       |
| 70 years and over .....   | 2002        | 37        | 23      | 183     | 42      | 145     | 85      |
| 1997  | 35          | 17        | 153     | 27      | 133     | 87      | 5       |
| Average age .....   | 2002        | 54.8      | 54.3    | 53.8    | 54.9    | 54.9    | 54.9    |
|   | 1997        | 53.1      | 52.5    | 52.5    | 53.4    | 53.7    | 54.2    |
| <b>TYPE OF ORGANIZATION</b>                                       |             |           |         |         |         |         |         |
| Family or individual .....  | farms, 2002 | 254       | 130     | 1,130   | 241     | 927     | 513     |
|   | 1997        | 262       | 116     | 1,129   | 211     | 850     | 469     |
| acres, 2002   | 64,413      | 21,070    | 192,084 | 36,041  | 94,086  | 68,390  | 3,700   |
|   | 1997        | 59,885    | 23,087  | 196,291 | 35,599  | 89,742  | 68,425  |
| Partnership .....   | farms, 2002 | 13        | 13      | 60      | 14      | 57      | 17      |
|   | 1997        | 21        | 16      | 86      | 22      | 62      | 27      |
| acres, 2002   | (D)         | 6,981     | 24,551  | 3,319   | 33,666  | 3,101   | (D)     |
|   | 1997        | 10,433    | (D)     | 32,759  | 5,827   | 24,855  | (D)     |
| Corporation:  |             |           |         |         |         |         |         |
| Family-held .....   | farms, 2002 | 3         | 3       | 24      | 12      | 56      | 4       |
|   | 1997        | 6         | 2       | 24      | 15      | 44      | 3       |
| acres, 2002   | (D)         | 607       | 20,039  | 4,135   | 12,381  | 565     | (D)     |
|   | 1997        | 3,535     | (D)     | 16,359  | 2,611   | 11,242  | 957     |
| Other than family held .....                                      | farms, 2002 | 2         | -       | 4       | 7       | 4       | -       |
|   | 1997        | -         | -       | 2       | -       | 5       | 2       |
| acres, 2002   | (D)         | -         | (D)     | 170     | -       | 419     | -       |
|   | 1997        | -         | (D)     | -       | -       | 950     | (D)     |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002 | 1         | -       | 3       | -       | 7       | -       |
|   | 1997        | -         | -       | 6       | -       | 6       | -       |
| acres, 2002   | (D)         | -         | (D)     | -       | -       | 2,204   | -       |
|   | 1997        | -         | (D)     | -       | -       | 370     | -       |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Grand<br>Traverse | Gratiot | Hillsdale | Houghton | Huron  | Ingham  | Ionia   | Iosco   |
|---|-------------------|---------|-----------|----------|--------|---------|---------|---------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |                   |         |           |          |        |         |         |         |
| Years on present farm <sup>1</sup> :                              |                   |         |           |          |        |         |         |         |
| 2 years or less .....   | 2002              | 17      | 24        | 38       | 7      | 39      | 22      | 25      |
| 1997  | 21                | 44      | 63        | 7        | 29     | 51      | 49      | 11      |
| 3 or 4 years .....  | 2002              | 23      | 53        | 95       | 8      | 63      | 68      | 80      |
| 1997  | 27                | 45      | 83        | 9        | 68     | 71      | 77      | 15      |
| 5 to 9 years .....  | 2002              | 118     | 168       | 260      | 40     | 143     | 161     | 196     |
| 1997  | 70                | 122     | 183       | 33       | 112    | 124     | 159     | 62      |
| 10 years or more .....  | 2002              | 331     | 773       | 1,116    | 103    | 944     | 767     | 845     |
| 1997  | 294               | 577     | 858       | 77       | 789    | 606     | 704     | 202     |
| Average years on present farm .....                               | 2002              | 20.7    | 22.5      | 21.6     | 17.5   | 24.3    | 21.5    | 22.1    |
|   | 1997              | 21.0    | 22.4      | 21.3     | 16.8   | 23.8    | 20.5    | 19.6    |
| Age group:  |                   |         |           |          |        |         |         |         |
| Under 25 years .....  | 2002              | 3       | 25        | 16       | 8      | 23      | 3       | 16      |
| 1997  | 3                 | 24      | 26        | -        | 20     | 10      | 7       | 3       |
| 25 to 34 years .....  | 2002              | 16      | 86        | 88       | 2      | 69      | 35      | 78      |
| 1997  | 23                | 92      | 92        | 8        | 121    | 60      | 80      | 14      |
| 35 to 44 years .....  | 2002              | 78      | 212       | 264      | 32     | 281     | 164     | 244     |
| 1997  | 120               | 231     | 299       | 47       | 316    | 192     | 302     | 56      |
| 45 to 54 years .....  | 2002              | 153     | 263       | 360      | 57     | 343     | 309     | 295     |
| 1997  | 109               | 250     | 350       | 48       | 337    | 265     | 322     | 57      |
| 55 to 59 years .....  | 2002              | 52      | 132       | 187      | 12     | 152     | 133     | 162     |
| 1997  | 57                | 110     | 164       | 16       | 145    | 138     | 123     | 23      |
| 60 to 64 years .....  | 2002              | 65      | 119       | 199      | 15     | 113     | 144     | 116     |
| 1997  | 62                | 87      | 160       | 14       | 127    | 106     | 110     | 40      |
| 65 to 69 years .....  | 2002              | 49      | 76        | 141      | 15     | 82      | 76      | 82      |
| 1997  | 43                | 80      | 114       | 12       | 61     | 77      | 95      | 28      |
| 70 years and over .....   | 2002              | 73      | 105       | 254      | 17     | 126     | 154     | 153     |
| 1997  | 68                | 111     | 234       | 10       | 165    | 126     | 122     | 50      |
| Average age .....   | 2002              | 55.8    | 51.7      | 55.4     | 52.3   | 51.9    | 55.6    | 52.9    |
|   | 1997              | 53.8    | 51.1      | 53.8     | 50.2   | 51.2    | 53.4    | 51.7    |
| <b>TYPE OF ORGANIZATION</b>                                       |                   |         |           |          |        |         |         |         |
| Family or individual .....  | farms, 2002       | 446     | 920       | 1,405    | 148    | 1,032   | 896     | 1,060   |
|   | 1997              | 426     | 875       | 1,315    | 140    | 1,102   | 848     | 1,042   |
| acres, 2002   | 42,459            | 205,921 | 226,489   | 22,490   | (D)    | 126,113 | 173,031 | 36,055  |
|   | 1997              | 47,784  | 211,199   | 221,943  | 20,070 | 277,084 | 130,087 | 189,195 |
| Partnership .....   | farms, 2002       | 22      | 70        | 77       | 7      | 89      | 79      | 63      |
|   | 1997              | 33      | 84        | 99       | 9      | 103     | 79      | 96      |
| acres, 2002   | 9,645             | 57,152  | 36,550    | (D)      | 85,569 | 50,741  | 49,255  | 4,954   |
|   | 1997              | 11,829  | 49,586    | 39,001   | (D)    | 54,975  | 50,163  | 54,133  |
| Corporation:  |                   |         |           |          |        |         |         |         |
| Family-held .....   | farms, 2002       | 21      | 21        | 16       | 3      | 66      | 23      | 20      |
|   | 1997              | 22      | 17        | 14       | 6      | 78      | 30      | 17      |
| acres, 2002   | 10,164            | 23,979  | 9,679     | (D)      | 92,265 | 6,417   | 7,255   | (D)     |
|   | 1997              | 6,786   | (D)       | 6,137    | (D)    | 98,507  | 13,067  | 4,570   |
| Other than family held .....                                      | farms, 2002       | -       | 1         | 1        | -      | 1       | 2       | 1       |
|   | 1997              | 3       | 1         | 6        | -      | 7       | 4       | -       |
| acres, 2002   | -                 | (D)     | (D)       | (D)      | -      | (D)     | (D)     | (D)     |
|   | 1997              | (D)     | (D)       | 910      | -      | (D)     | (D)     | -       |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002       | -       | 6         | 10       | -      | 1       | 18      | 2       |
|   | 1997              | 1       | 8         | 5        | -      | 2       | 13      | 6       |
| acres, 2002   | -                 | (D)     | (D)       | (D)      | -      | (D)     | (D)     | (D)     |
|   | 1997              | (D)     | (D)       | 393      | -      | (D)     | (D)     | 1,370   |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Iron        | Isabella | Jackson | Kalamazoo | Kalkaska | Kent    | Keweenaw | Lake   |
|---|-------------|----------|---------|-----------|----------|---------|----------|--------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |             |          |         |           |          |         |          |        |
| Years on present farm <sup>1</sup> :                              |             |          |         |           |          |         |          |        |
| 2 years or less .....   | 2002        | 2        | 33      | 41        | 40       | 2       | 41       | -      |
| 1997  | 4           | 30       | 36      | 28        | 8        | 52      | -        | 5      |
| 3 or 4 years .....  | 2002        | 3        | 67      | 85        | 50       | 21      | 62       | -      |
| 1997  | 8           | 80       | 83      | 40        | 17       | 85      | -        | 9      |
| 5 to 9 years .....  | 2002        | 30       | 169     | 233       | 128      | 47      | 178      | -      |
| 1997  | 18          | 132      | 189     | 108       | 22       | 167     | 1        | 43     |
| 10 years or more .....  | 2002        | 71       | 684     | 906       | 590      | 105     | 931      | 11     |
| 1997  | 62          | 603      | 686     | 539       | 89       | 828     | 5        | 116    |
| Average years on present farm .....                               | 2002        | 19.5     | 22.3    | 20.5      | 20.0     | 16.7    | 21.0     | 22.2   |
|   | 1997        | 21.0     | 21.3    | 20.6      | 20.3     | 18.5    | 19.9     | 20.1   |
| Age group:  |             |          |         |           |          |         |          |        |
| Under 25 years .....  | 2002        | -        | 14      | 11        | 17       | -       | 8        | -      |
| 1997  | -           | 16       | 4       | 6         | 2        | 10      | -        | 4      |
| 25 to 34 years .....  | 2002        | -        | 44      | 49        | 50       | 12      | 49       | -      |
| 1997  | 6           | 89       | 67      | 58        | 8        | 85      | -        | 3      |
| 35 to 44 years .....  | 2002        | 33       | 193     | 234       | 154      | 24      | 235      | -      |
| 1997  | 29          | 226      | 235     | 159       | 30       | 363     | 3        | 47     |
| 45 to 54 years .....  | 2002        | 32       | 243     | 364       | 228      | 52      | 368      | -      |
| 1997  | 23          | 247      | 314     | 251       | 36       | 363     | 1        | 47     |
| 55 to 59 years .....  | 2002        | 6        | 102     | 164       | 114      | 31      | 194      | -      |
| 1997  | 10          | 119      | 146     | 85        | 21       | 140     | -        | 26     |
| 60 to 64 years .....  | 2002        | 16       | 115     | 157       | 84       | 15      | 134      | -      |
| 1997  | 9           | 102      | 145     | 96        | 24       | 127     | 2        | 19     |
| 65 to 69 years .....  | 2002        | 5        | 75      | 128       | 71       | 19      | 84       | -      |
| 1997  | 10          | 97       | 89      | 57        | 21       | 106     | 2        | 7      |
| 70 years and over .....   | 2002        | 14       | 167     | 158       | 90       | 22      | 140      | -      |
| 1997  | 16          | 142      | 165     | 97        | 20       | 149     | -        | 23     |
| Average age .....   | 2002        | 52.5     | 54.8    | 54.5      | 52.9     | 54.8    | 53.8     | 56.8   |
|   | 1997        | 53.5     | 52.6    | 53.8      | 52.8     | 54.2    | 52.0     | 54.0   |
| <b>TYPE OF ORGANIZATION</b>                                       |             |          |         |           |          |         |          |        |
| Family or individual .....  | farms, 2002 | 96       | 875     | 1,150     | 679      | 161     | 1,054    | 11     |
|   | 1997        | 94       | 922     | 1,033     | 679      | 144     | 1,145    | 8      |
| acres, 2002   | 23,102      | (D)      | 138,935 | 101,389   | 16,868   | 121,952 | 710      | 21,075 |
|   | 1997        | 22,920   | 167,972 | 143,131   | 114,661  | 17,399  | 134,772  | 22,511 |
| Partnership .....   | farms, 2002 | 4        | 49      | 71        | 53       | 9       | 83       | -      |
|   | 1997        | 3        | 78      | 93        | 57       | 11      | 102      | -      |
| acres, 2002   | 1,080       | 30,349   | 35,729  | 23,322    | 901      | 29,041  | -        | 1,966  |
|   | 1997        | 884      | 35,452  | 36,298    | 19,542   | 2,052   | 37,779   | -      |
| Corporation:  |             |          |         |           |          |         |          |        |
| Family-held .....   | farms, 2002 | 6        | 26      | 33        | 61       | 5       | 56       | -      |
|   | 1997        | 6        | 33      | 25        | 58       | 4       | 83       | -      |
| acres, 2002   | 7,200       | 13,668   | 16,483  | 13,151    | 6,335    | 19,304  | -        | -      |
|   | 1997        | 2,140    | 23,585  | 10,740    | 15,292   | (D)     | 24,674   | (D)    |
| Other than family held .....                                      | farms, 2002 | -        | 1       | 2         | 8        | -       | 8        | -      |
|   | 1997        | -        | 3       | 2         | 8        | 1       | 5        | 3      |
| acres, 2002   | -           | (D)      | (D)     | 1,418     | -        | (D)     | -        | 37     |
|   | 1997        | -        | (D)     | 439       | (D)      | (D)     | -        | (D)    |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002 | -        | 2       | 9         | 7        | -       | 11       | -      |
|   | 1997        | -        | 2       | 12        | 7        | 2       | 8        | 3      |
| acres, 2002   | -           | (D)      | (D)     | 8,926     | -        | (D)     | -        | 2      |
|   | 1997        | -        | (D)     | 4,251     | (D)      | (D)     | -        | 300    |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Lapeer      | Leelanau | Lenawee | Livingston | Luce   | Mackinac | Macomb | Manistee |
|---|-------------|----------|---------|------------|--------|----------|--------|----------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |             |          |         |            |        |          |        |          |
| Years on present farm <sup>1</sup> :                              |             |          |         |            |        |          |        |          |
| 2 years or less .....   | 2002        | 41       | 21      | 39         | 23     | -        | -      | 5        |
| 1997  | 56          | 10       | 48      | 44         | 2      | 3        | 18     | 16       |
| 3 or 4 years .....  | 2002        | 70       | 33      | 97         | 57     | 3        | -      | 42       |
| 1997  | 83          | 25       | 82      | 48         | 4      | 2        | 23     | 23       |
| 5 to 9 years .....  | 2002        | 193      | 84      | 198        | 155    | 5        | 18     | 77       |
| 1997  | 197         | 61       | 155     | 127        | -      | 14       | 79     | 39       |
| 10 years or more .....  | 2002        | 883      | 291     | 1,112      | 642    | 22       | 58     | 388      |
| 1997  | 679         | 265      | 993     | 448        | 25     | 53       | 380    | 245      |
| Average years on present farm .....                               | 2002        | 20.5     | 19.7    | 23.1       | 19.1   | 21.3     | 21.1   | 20.9     |
|   | 1997        | 19.4     | 19.5    | 22.3       | 17.9   | 22.8     | 19.3   | 21.0     |
| Age group:  |             |          |         |            |        |          |        |          |
| Under 25 years .....  | 2002        | 13       | -       | 12         | 6      | -        | -      | 3        |
| 1997  | 3           | -        | 12      | 3          | -      | 2        | -      | 3        |
| 25 to 34 years .....  | 2002        | 35       | 17      | 68         | 17     | -        | 5      | 16       |
| 1997  | 83          | 15       | 101     | 42         | 2      | 4        | 30     | 10       |
| 35 to 44 years .....  | 2002        | 234      | 96      | 263        | 151    | 3        | 9      | 125      |
| 1997  | 305         | 110      | 294     | 165        | 11     | 18       | 134    | 43       |
| 45 to 54 years .....  | 2002        | 384      | 133     | 383        | 328    | 14       | 25     | 141      |
| 1997  | 307         | 112      | 435     | 235        | 7      | 25       | 148    | 91       |
| 55 to 59 years .....  | 2002        | 158      | 51      | 167        | 127    | 2        | 4      | 68       |
| 1997  | 129         | 41       | 195     | 104        | 3      | 13       | 62     | 41       |
| 60 to 64 years .....  | 2002        | 126      | 33      | 167        | 78     | 2        | 10     | 42       |
| 1997  | 106         | 40       | 155     | 83         | 2      | 5        | 78     | 27       |
| 65 to 69 years .....  | 2002        | 83       | 31      | 139        | 85     | 2        | 11     | 63       |
| 1997  | 117         | 38       | 133     | 53         | 3      | 8        | 49     | 34       |
| 70 years and over .....   | 2002        | 154      | 68      | 247        | 85     | 7        | 12     | 54       |
| 1997  | 178         | 64       | 191     | 86         | 8      | 11       | 110    | 60       |
| Average age .....   | 2002        | 53.8     | 54.3    | 55.2       | 53.9   | 57.5     | 56.0   | 53.6     |
|   | 1997        | 53.1     | 53.5    | 53.3       | 52.9   | 53.9     | 52.5   | 54.9     |
| <b>TYPE OF ORGANIZATION</b>                                       |             |          |         |            |        |          |        |          |
| Family or individual .....  | farms, 2002 | 1,076    | 369     | 1,296      | 784    | 26       | 65     | 436      |
|   | 1997        | 1,061    | 329     | 1,289      | 667    | 30       | 72     | 514      |
| acres, 2002   | (D)         |          |         | 226,700    | (D)    | 9,427    | 16,035 | 41,402   |
|   | 1997        | 132,785  | 41,709  | 232,368    | 70,115 | 8,552    | 19,507 | 54,597   |
| Partnership .....   | farms, 2002 | 51       | 31      | 79         | 48     | 1        | 5      | 36       |
|   | 1997        | 88       | 43      | 140        | 57     | 4        | 13     | 47       |
| acres, 2002   | 25,456      | 12,280   | 70,963  | 24,291     | (D)    | 3,835    | 9,938  | 3,081    |
|   | 1997        | 35,714   | 11,860  | 71,699     | 29,600 | (D)      | 14,604 | (D)      |
| Corporation:  |             |          |         |            |        |          |        |          |
| Family-held .....   | farms, 2002 | 56       | 27      | 57         | 37     | 2        | 6      | 36       |
|   | 1997        | 64       | 41      | 68         | 37     | 2        | 1      | 37       |
| acres, 2002   | 22,922      | 4,462    | 54,094  | 4,555      | (D)    | 540      | 3,646  | 1,959    |
|   | 1997        | 15,419   | 12,246  | 49,851     | 4,430  | (D)      | 3,723  | 5,456    |
| Other than family held .....                                      | farms, 2002 | 2        | 1       | 4          | 7      | -        | -      | 2        |
|   | 1997        | 9        | 3       | 8          | 9      | -        | -      | 8        |
| acres, 2002   | (D)         | (D)      | 459     | 123        | (D)    | -        | (D)    | -        |
|   | 1997        | (D)      | (D)     | 1,567      | (D)    | -        | -      | 1,400    |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002 | 2        | 1       | 10         | 1      | 1        | -      | 2        |
|   | 1997        | 6        | 4       | 11         | 1      | -        | -      | 5        |
| acres, 2002   | (D)         | (D)      | 867     | (D)        | (D)    | -        | (D)    | -        |
|   | 1997        | (D)      | (D)     | 1,555      | (D)    | -        | -      | 290      |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Marquette   | Mason  | Mecosta | Menominee | Midland | Missaukee | Monroe | Montcalm |
|---|-------------|--------|---------|-----------|---------|-----------|--------|----------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |             |        |         |           |         |           |        |          |
| Years on present farm <sup>1</sup> :                              |             |        |         |           |         |           |        |          |
| 2 years or less .....   | 2002        | 12     | 8       | 44        | 9       | 20        | 26     | 37       |
| 1997  |             | 7      | 27      | 27        | 13      | 19        | 18     | 53       |
| 3 or 4 years .....  | 2002        | 11     | 20      | 36        | 13      | 15        | 18     | 58       |
| 1997  |             | 11     | 23      | 37        | 31      | 17        | 14     | 80       |
| 5 to 9 years .....  | 2002        | 31     | 95      | 147       | 74      | 94        | 56     | 206      |
| 1997  |             | 26     | 54      | 85        | 63      | 78        | 48     | 145      |
| 10 years or more .....  | 2002        | 106    | 355     | 567       | 276     | 381       | 312    | 882      |
| 1997  |             | 70     | 290     | 432       | 240     | 317       | 244    | 768      |
| Average years on present farm .....                               | 2002        | 17.1   | 21.8    | 21.0      | 21.2    | 20.6      | 21.5   | 22.2     |
|   | 1997        | 16.7   | 20.5    | 21.6      | 19.6    | 20.1      | 21.4   | 20.8     |
| Age group:  |             |        |         |           |         |           |        |          |
| Under 25 years .....  | 2002        | 2      | 9       | 10        | -       | -         | 8      | 2        |
| 1997  |             | 2      | 2       | 4         | 2       | -         | 22     | 13       |
| 25 to 34 years .....  | 2002        | 8      | 15      | 50        | 18      | 31        | 27     | 63       |
| 1997  |             | 8      | 31      | 65        | 31      | 51        | 29     | 109      |
| 35 to 44 years .....  | 2002        | 41     | 104     | 131       | 99      | 98        | 101    | 266      |
| 1997  |             | 31     | 122     | 132       | 89      | 120       | 111    | 296      |
| 45 to 54 years .....  | 2002        | 46     | 122     | 221       | 107     | 152       | 101    | 298      |
| 1997  |             | 47     | 118     | 179       | 111     | 116       | 86     | 282      |
| 55 to 59 years .....  | 2002        | 19     | 77      | 93        | 36      | 59        | 37     | 142      |
| 1997  |             | 14     | 65      | 75        | 37      | 64        | 37     | 164      |
| 60 to 64 years .....  | 2002        | 20     | 43      | 86        | 41      | 59        | 46     | 130      |
| 1997  |             | 8      | 40      | 66        | 43      | 47        | 39     | 148      |
| 65 to 69 years .....  | 2002        | 10     | 26      | 55        | 27      | 43        | 39     | 122      |
| 1997  |             | 14     | 40      | 57        | 38      | 46        | 20     | 85       |
| 70 years and over .....   | 2002        | 14     | 82      | 148       | 44      | 68        | 61     | 183      |
| 1997  |             | 11     | 57      | 118       | 43      | 55        | 55     | 144      |
| Average age .....   | 2002        | 51.3   | 54.4    | 55.1      | 52.7    | 53.6      | 53.3   | 54.5     |
|   | 1997        | 50.9   | 52.4    | 53.6      | 52.2    | 51.6      | 52.1   | 51.6     |
| <b>TYPE OF ORGANIZATION</b>                                       |             |        |         |           |         |           |        |          |
| Family or individual .....  | farms, 2002 | 146    | 433     | 741       | 350     | 471       | 368    | 1,046    |
|   | 1997        | 120    | 426     | 630       | 350     | 467       | 325    | 1,079    |
| acres, 2002   |             | 25,113 | 57,843  | 96,586    | 81,395  | (D)       | (D)    | 160,276  |
|   | 1997        | 24,014 | 62,677  | 94,942    | 93,709  | 71,344    | 68,121 | 182,731  |
|   |             |        |         |           |         |           |        | 188,464  |
| Partnership .....   | farms, 2002 | 8      | 30      | 43        | 20      | 17        | 31     | 87       |
|   | 1997        | 8      | 32      | 56        | 42      | 22        | 44     | 101      |
| acres, 2002   |             | 2,478  | 13,174  | 20,825    | (D)     | 13,016    | 22,621 | 39,197   |
|   | 1997        | 3,032  | 12,210  | 23,044    | (D)     | 11,433    | 20,558 | 32,686   |
|   |             |        |         |           |         |           |        | 31,290   |
|   |             |        |         |           |         |           |        | 36,770   |
| Corporation:  |             |        |         |           |         |           |        |          |
| Family-held .....   | farms, 2002 | 1      | 11      | 5         | 2       | 21        | 12     | 43       |
|   | 1997        | 6      | 14      | 4         | 2       | 9         | 7      | 47       |
| acres, 2002   |             | (D)    | 8,224   | 1,822     | (D)     | 6,965     | 4,725  | 17,793   |
|   | 1997        | (D)    | 7,474   | 1,550     | (D)     | (D)       | (D)    | 23,041   |
|   |             |        |         |           |         |           |        | 34,700   |
| Other than family held .....                                      | farms, 2002 | 4      | -       | -         | -       | -         | -      | 2        |
|   | 1997        | -      | 1       | 1         | -       | -         | -      | 3        |
| acres, 2002   |             | (D)    | -       | -         | -       | -         | -      | (D)      |
|   | 1997        | -      | (D)     | (D)       | -       | -         | -      | 2,460    |
|   |             |        |         |           |         |           |        | 2,742    |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002 | 1      | 4       | 5         | -       | 1         | 1      | 5        |
|   | 1997        | 1      | 2       | 5         | -       | 1         | 1      | 4        |
| acres, 2002   |             | (D)    | 380     | 544       | (D)     | (D)       | (D)    | 4,125    |
|   | 1997        | (D)    | (D)     | (D)       | -       | (D)       | (D)    | 209      |
|   |             |        |         |           |         |           |        | 222      |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Montmorency | Muskegon | Newaygo | Oakland | Oceana | Ogemaw | Ontonagon | Osceola |
|---|-------------|----------|---------|---------|--------|--------|-----------|---------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |             |          |         |         |        |        |           |         |
| Years on present farm <sup>1</sup> :                              |             |          |         |         |        |        |           |         |
| 2 years or less .....   | 2002        | 1        | 7       | 27      | 16     | 17     | 6         | 2       |
| 1997  | 10          | 26       | 43      | 27      | 30     | 14     | 3         | 32      |
| 3 or 4 years .....  | 2002        | 8        | 31      | 55      | 48     | 35     | 12        | 6       |
| 1997  | 4           | 26       | 62      | 47      | 55     | 22     | 12        | 32      |
| 5 to 9 years .....  | 2002        | 33       | 118     | 175     | 108    | 99     | 32        | 17      |
| 1997  | 22          | 71       | 102     | 89      | 76     | 32     | 8         | 92      |
| 10 years or more .....  | 2002        | 97       | 389     | 645     | 471    | 497    | 206       | 83      |
| 1997  | 57          | 297      | 477     | 411     | 406    | 196    | 64        | 435     |
| Average years on present farm .....                               | 2002        | 17.3     | 21.0    | 20.5    | 20.7   | 21.1   | 24.6      | 23.5    |
|   | 1997        | 17.3     | 19.4    | 19.2    | 17.8   | 20.1   | 22.0      | 21.6    |
| Age group:  |             |          |         |         |        |        |           |         |
| Under 25 years .....  | 2002        | -        | -       | 9       | 8      | -      | 2         | 2       |
| 1997  | -           | 4        | 7       | 3       | 5      | -      | 2         | 2       |
| 25 to 34 years .....  | 2002        | 10       | 23      | 34      | 10     | 45     | 8         | 16      |
| 1997  | 18          | 35       | 53      | 28      | 41     | 28     | 6         | 26      |
| 35 to 44 years .....  | 2002        | 36       | 91      | 199     | 109    | 113    | 46        | 14      |
| 1997  | 27          | 120      | 220     | 128     | 162    | 69     | 17        | 111     |
| 45 to 54 years .....  | 2002        | 38       | 201     | 297     | 193    | 208    | 76        | 35      |
| 1997  | 31          | 118      | 216     | 213     | 171    | 73     | 21        | 177     |
| 55 to 59 years .....  | 2002        | 18       | 50      | 101     | 65     | 85     | 21        | 13      |
| 1997  | 15          | 60       | 73      | 98      | 94     | 34     | 15        | 84      |
| 60 to 64 years .....  | 2002        | 17       | 67      | 82      | 99     | 87     | 36        | 15      |
| 1997  | 9           | 56       | 67      | 55      | 70     | 21     | 12        | 72      |
| 65 to 69 years .....  | 2002        | 7        | 46      | 62      | 54     | 49     | 21        | 12      |
| 1997  | 8           | 35       | 55      | 60      | 35     | 20     | 13        | 46      |
| 70 years and over .....   | 2002        | 13       | 67      | 118     | 105    | 61     | 48        | 100     |
| 1997  | 16          | 65       | 96      | 92      | 71     | 54     | 17        | 78      |
| Average age .....   | 2002        | 51.8     | 53.9    | 53.1    | 56.1   | 52.8   | 56.3      | 55.7    |
|   | 1997        | 50.9     | 53.1    | 51.2    | 53.9   | 51.9   | 53.0      | 52.9    |
| <b>TYPE OF ORGANIZATION</b>                                       |             |          |         |         |        |        |           |         |
| Family or individual .....  | farms, 2002 | 128      | 485     | 839     | 510    | 571    | 209       | 100     |
|   | 1997        | 116      | 435     | 697     | 532    | 566    | 259       | 93      |
| acres, 2002   | 16,400      | (D)      | 105,536 | 30,092  | (D)    | (D)    | 29,410    | 98,364  |
|   | 1997        | 19,394   | 45,164  | 99,105  | 36,781 | 89,539 | 47,509    | 29,642  |
| Partnership .....   | farms, 2002 | 5        | 34      | 36      | 58     | 48     | 36        | 6       |
|   | 1997        | 6        | 31      | 56      | 49     | 45     | 28        | 9       |
| acres, 2002   | 2,429       | 6,002    | 15,729  | 5,426   | 21,948 | 20,494 | (D)       | 13,541  |
|   | 1997        | (D)      | 10,967  | 16,403  | 6,486  | 20,612 | 14,892    | 14,562  |
| Corporation:  |             |          |         |         |        |        |           |         |
| Family-held .....   | farms, 2002 | 6        | 24      | 24      | 67     | 25     | 8         | 2       |
|   | 1997        | 2        | 23      | 31      | 81     | 32     | 12        | 1       |
| acres, 2002   | 2,248       | 13,563   | 13,706  | 4,771   | 20,993 | 4,045  | (D)       | 3,363   |
|   | 1997        | (D)      | 9,609   | 15,891  | 4,724  | 20,476 | 12,784    | 4,925   |
| Other than family held .....                                      | farms, 2002 | -        | 1       | -       | 3      | 1      | 2         | -       |
|   | 1997        | -        | 3       | -       | 8      | 2      | -         | -       |
| acres, 2002   | -           | (D)      | -       | 30      | (D)    | (D)    | -         | -       |
|   | 1997        | -        | (D)     | -       | 169    | (D)    | -         | -       |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002 | -        | 1       | 3       | 5      | 3      | 1         | -       |
|   | 1997        | -        | 1       | 3       | 7      | 4      | -         | -       |
| acres, 2002   | -           | (D)      | 451     | 611     | (D)    | (D)    | -         | 654     |
|   | 1997        | -        | (D)     | 380     | 1,856  | (D)    | -         | -       |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Oscoda      | Otsego | Ottawa  | Presque Isle | Roscommon | Saginaw | St. Clair | St. Joseph |
|---|-------------|--------|---------|--------------|-----------|---------|-----------|------------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |             |        |         |              |           |         |           |            |
| Years on present farm <sup>1</sup> :                              |             |        |         |              |           |         |           |            |
| 2 years or less .....   | 2002        | 5      | 3       | 22           | 1         | 3       | 36        | 47         |
| 1997  |             | 7      | 12      | 52           | 11        | 1       | 59        | 48         |
| 3 or 4 years .....  | 2002        | 5      | 17      | 73           | 10        | 1       | 73        | 87         |
| 1997  |             | 8      | 4       | 65           | 21        | 2       | 61        | 82         |
| 5 to 9 years .....  | 2002        | 23     | 24      | 138          | 50        | 5       | 226       | 187        |
| 1997  |             | 15     | 23      | 193          | 36        | 7       | 132       | 154        |
| 10 years or more .....  | 2002        | 90     | 126     | 1,058        | 242       | 37      | 1,024     | 939        |
| 1997  |             | 48     | 94      | 956          | 204       | 17      | 833       | 671        |
| Average years on present farm .....                               | 2002        | 18.0   | 20.2    | 22.3         | 22.3      | 20.9    | 23.9      | 21.1       |
|   | 1997        | 18.5   | 19.4    | 20.5         | 21.8      | 19.2    | 22.5      | 20.3       |
| Age group:  |             |        |         |              |           |         |           |            |
| Under 25 years .....  | 2002        | -      | -       | 5            | -         | -       | 6         | 7          |
| 1997  |             | -      | -       | 18           | -         | 1       | 15        | 11         |
| 25 to 34 years .....  | 2002        | 9      | 1       | 65           | 13        | 3       | 82        | 44         |
| 1997  |             | 12     | 13      | 120          | 14        | 4       | 103       | 80         |
| 35 to 44 years .....  | 2002        | 28     | 36      | 263          | 54        | 7       | 282       | 242        |
| 1997  |             | 23     | 34      | 374          | 91        | 12      | 310       | 233        |
| 45 to 54 years .....  | 2002        | 55     | 53      | 413          | 105       | 11      | 350       | 381        |
| 1997  |             | 23     | 48      | 414          | 81        | 8       | 334       | 315        |
| 55 to 59 years .....  | 2002        | 11     | 23      | 157          | 30        | 4       | 169       | 175        |
| 1997  |             | 10     | 12      | 161          | 46        | 1       | 142       | 126        |
| 60 to 64 years .....  | 2002        | 2      | 20      | 149          | 31        | 1       | 156       | 146        |
| 1997  |             | 11     | 15      | 147          | 34        | 6       | 131       | 106        |
| 65 to 69 years .....  | 2002        | 12     | 13      | 116          | 27        | 6       | 124       | 74         |
| 1997  |             | 2      | 13      | 96           | 25        | 8       | 121       | 100        |
| 70 years and over .....   | 2002        | 6      | 24      | 123          | 43        | 14      | 190       | 191        |
| 1997  |             | 15     | 25      | 167          | 46        | 5       | 164       | 149        |
| Average age .....   | 2002        | 49.6   | 55.2    | 53.0         | 54.4      | 57.4    | 53.9      | 54.3       |
|   | 1997        | 52.5   | 53.3    | 51.4         | 52.9      | 52.4    | 52.3      | 52.9       |
| <b>TYPE OF ORGANIZATION</b>                                       |             |        |         |              |           |         |           |            |
| Family or individual .....  | farms, 2002 | 115    | 152     | 1,068        | 281       | 44      | 1,231     | 1,169      |
|   | 1997        | 88     | 138     | 1,208        | 295       | 40      | 1,158     | 1,010      |
| acres, 2002   | (D)         | 14,336 | 105,804 | 55,100       | (D)       | 226,616 | 139,589   | 163,481    |
|   | 1997        | 13,742 | 29,132  | 117,857      | 65,218    | 4,274   | 226,640   | 127,674    |
| Partnership .....   | farms, 2002 | 6      | 10      | 112          | 17        | 2       | 95        | 61         |
|   | 1997        | 7      | 9       | 155          | 27        | 4       | 114       | 79         |
| acres, 2002   | (D)         | 3,844  | 29,834  | 10,097       | (D)       | 76,770  | 37,318    | 49,830     |
|   | 1997        | 3,820  | 34,841  | 14,881       | (D)       | 65,147  | 38,870    | 34,270     |
| Corporation:  |             |        |         |              |           |         |           |            |
| Family-held .....   | farms, 2002 | 2      | 7       | 103          | 4         | -       | 27        | 24         |
|   | 1997        | 1      | 8       | 112          | 14        | 1       | 34        | 26         |
| acres, 2002   | (D)         | 4,619  | 24,079  | (D)          | -         | 18,641  | 4,820     | 14,740     |
|   | 1997        | 3,319  | 20,077  | (D)          | (D)       | 15,364  | 8,654     | 12,038     |
| Other than family held .....                                      | farms, 2002 | -      | 1       | 8            | -         | -       | 3         | 2          |
|   | 1997        | -      | 2       | 19           | -         | -       | 3         | 4          |
| acres, 2002   | (D)         | 5,767  | (D)     | -            | (D)       | (D)     | (D)       | (D)        |
|   | 1997        | -      | (D)     | (D)          | -         | (D)     | (D)       | (D)        |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002 | -      | -       | -            | 1         | -       | 3         | 4          |
|   | 1997        | -      | 3       | 3            | 1         | -       | 11        | 1          |
| acres, 2002   | (D)         | -      | (D)     | (D)          | (D)       | (D)     | (D)       | (D)        |
|   | 1997        | -      | (D)     | (D)          | -         | (D)     | (D)       | (D)        |

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item  | Sanilac     | Schoolcraft | Shiawassee | Tuscola | Van Buren | Washtenaw | Wayne   | Wexford |
|---|-------------|-------------|------------|---------|-----------|-----------|---------|---------|
| <b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>                  |             |             |            |         |           |           |         |         |
| Years on present farm <sup>1</sup> :                              |             |             |            |         |           |           |         |         |
| 2 years or less .....   | 2002        | 38          | -          | 18      | 41        | 38        | 31      | 12      |
| 1997  | 77          | 2           |            | 55      | 58        | 67        | 41      | 6       |
| 3 or 4 years .....  | 2002        | 78          | 8          | 70      | 73        | 55        | 73      | 17      |
| 1997  | 73          | -           |            | 63      | 70        | 63        | 77      | 29      |
| 5 to 9 years .....  | 2002        | 258         | 8          | 151     | 192       | 207       | 216     | 64      |
| 1997  | 208         | 11          |            | 113     | 166       | 175       | 160     | 38      |
| 10 years or more .....  | 2002        | 1,221       | 35         | 798     | 986       | 860       | 1,005   | 226     |
| 1997  | 1,001       | 28          |            | 680     | 797       | 763       | 779     | 196     |
| Average years on present farm .....                               | 2002        | 23.3        | 19.7       | 23.8    | 22.3      | 20.5      | 21.4    | 20.3    |
|   | 1997        | 22.7        | 17.4       | 22.2    | 21.6      | 19.8      | 20.9    | 18.9    |
| Age group:  |             |             |            |         |           |           |         |         |
| Under 25 years .....  | 2002        | 13          | -          | 12      | 4         | 7         | 7       | -       |
| 1997  | 24          | 1           |            | 15      | 16        | 10        | 9       | 3       |
| 25 to 34 years .....  | 2002        | 89          | 5          | 61      | 72        | 29        | 44      | 18      |
| 1997  | 147         | -           |            | 63      | 107       | 84        | 65      | 18      |
| 35 to 44 years .....  | 2002        | 330         | 10         | 184     | 279       | 245       | 238     | 53      |
| 1997  | 394         | 8           |            | 249     | 308       | 255       | 239     | 63      |
| 45 to 54 years .....  | 2002        | 407         | 11         | 289     | 360       | 366       | 400     | 93      |
| 1997  | 366         | 11          |            | 271     | 355       | 326       | 343     | 124     |
| 55 to 59 years .....  | 2002        | 169         | 2          | 130     | 186       | 111       | 155     | 49      |
| 1997  | 167         | 14          |            | 118     | 152       | 147       | 149     | 45      |
| 60 to 64 years .....  | 2002        | 180         | 10         | 109     | 147       | 131       | 158     | 42      |
| 1997  | 178         | 3           |            | 121     | 141       | 115       | 103     | 57      |
| 65 to 69 years .....  | 2002        | 163         | 6          | 100     | 91        | 90        | 101     | 15      |
| 1997  | 124         | 7           |            | 94      | 85        | 106       | 102     | 31      |
| 70 years and over .....   | 2002        | 244         | 7          | 152     | 153       | 181       | 222     | 49      |
| 1997  | 234         | 7           |            | 132     | 137       | 174       | 193     | 53      |
| Average age .....   | 2002        | 54.3        | 54.4       | 54.4    | 53.3      | 54.7      | 55.2    | 54.1    |
|   | 1997        | 52.2        | 55.9       | 52.9    | 51.5      | 53.3      | 54.2    | 53.5    |
| <b>TYPE OF ORGANIZATION</b>                                       |             |             |            |         |           |           |         |         |
| Family or individual .....  | farms, 2002 | 1,444       | 46         | 957     | 1,141     | 1,041     | 1,156   | 246     |
|   | 1997        | 1,464       | 47         | 974     | 1,112     | 1,043     | 1,039   | 273     |
| acres, 2002   | 305,840     | 12,107      | 192,148    | 197,507 | 135,223   | 133,081   | 14,938  | 42,363  |
|   | 1997        | 326,062     | 14,577     | 193,534 | 205,095   | 131,594   | 147,050 | 26,818  |
| Partnership .....   | farms, 2002 | 103         | 3          | 58      | 83        | 71        | 86      | 26      |
|   | 1997        | 124         | 4          | 77      | 113       | 116       | 91      | 35      |
| acres, 2002   | 75,859      | (D)         | 27,698     | 77,675  | 23,159    | 33,807    | 2,261   | (D)     |
|   | 1997        | 71,745      | 1,680      | 27,988  | 71,103    | 29,845    | 31,645  | 8,559   |
| Corporation:  |             |             |            |         |           |           |         |         |
| Family-held .....   | farms, 2002 | 43          | 2          | 13      | 54        | 42        | 72      | 39      |
|   | 1997        | 40          | -          | 7       | 69        | 45        | 56      | 46      |
| acres, 2002   | 52,305      | (D)         | 13,026     | 58,715  | 17,583    | 7,727     | 4,126   | -       |
|   | 1997        | 44,334      | -          | 3,558   | 67,022    | 26,299    | 9,170   | 5,995   |
| Other than family held .....                                      | farms, 2002 | 1           | -          | 4       | 3         | 5         | 5       | 1       |
|   | 1997        | 2           | -          | 1       | 3         | 7         | 9       | 5       |
| acres, 2002   | (D)         | -           | (D)        | (D)     | 699       | (D)       | 320     | (D)     |
|   | 1997        | (D)         | -          | (D)     | (D)       | 279       | 418     | (D)     |
| Other - cooperative, estate or trust,<br>institutional, etc. .... | farms, 2002 | 4           | -          | 5       | 11        | 1         | 6       | 7       |
|   | 1997        | 4           | -          | 4       | 4         | 6         | 8       | 3       |
| acres, 2002   | (D)         | -           | (D)        | (D)     | 946       | (D)       | 324     | (D)     |
|   | 1997        | (D)         | -          | (D)     | (D)       | 1,415     | 1,580   | (D)     |

<sup>1</sup> Data for 1997 do not include imputation for item nonresponse.

**Table 41. White Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | All farms |                              |                       | Farms with only 1 operator |                       | Farms with more than 1 operator |                              |                       |
|----------------------|-----------|------------------------------|-----------------------|----------------------------|-----------------------|---------------------------------|------------------------------|-----------------------|
|                      | Farms     | White operators <sup>1</sup> | Land in farms (acres) | Farms                      | Land in farms (acres) | Farms                           | White operators <sup>1</sup> | Land in Farms (acres) |
| <b>STATE TOTAL</b>   |           |                              |                       |                            |                       |                                 |                              |                       |
| Michigan .....       | 52,977    | 77,320                       | 10,111,573            | 31,575                     | 5,302,886             | 21,402                          | 45,745                       | 4,808,687             |
| <b>COUNTIES</b>      |           |                              |                       |                            |                       |                                 |                              |                       |
| Alcona .....         | 244       | 374                          | 41,001                | 126                        | 22,417                | 118                             | 248                          | 18,584                |
| Alger .....          | 67        | 104                          | 14,969                | 29                         | 6,024                 | 38                              | 75                           | 8,945                 |
| Allegan .....        | 1,475     | 2,120                        | 241,925               | 911                        | 119,613               | 564                             | 1,209                        | 122,312               |
| Alpena .....         | 460       | 677                          | 73,790                | 279                        | 36,205                | 181                             | 398                          | 37,585                |
| Antrim .....         | 381       | 586                          | 63,328                | 203                        | 27,335                | 178                             | 383                          | 35,993                |
| Arenac .....         | 381       | 540                          | 83,724                | 236                        | 42,012                | 145                             | 304                          | 41,712                |
| Baraga .....         | 62        | 82                           | 15,129                | 45                         | 9,340                 | 17                              | 37                           | 5,789                 |
| Barry .....          | 1,060     | 1,558                        | 181,700               | 612                        | 96,564                | 448                             | 946                          | 85,136                |
| Bay .....            | 783       | 1,091                        | 185,740               | 512                        | 110,911               | 271                             | 579                          | 74,829                |
| Benzie .....         | 181       | 272                          | 23,055                | 101                        | 13,363                | 80                              | 171                          | 9,692                 |
| Berrien .....        | 1,083     | 1,645                        | 173,345               | 595                        | 76,652                | 488                             | 1,050                        | 96,693                |
| Branch .....         | 1,120     | 1,537                        | 253,320               | 725                        | 156,664               | 395                             | 812                          | 96,656                |
| Calhoun .....        | 1,143     | 1,627                        | 239,579               | 713                        | 135,085               | 430                             | 914                          | 104,494               |
| Cass .....           | 793       | 1,136                        | 187,595               | 477                        | 108,589               | 316                             | 659                          | 79,006                |
| Charlevoix .....     | 299       | 449                          | 38,799                | 161                        | 20,415                | 138                             | 288                          | 18,384                |
| Cheboygan .....      | 266       | 372                          | 49,659                | 174                        | 34,144                | 92                              | 198                          | 15,515                |
| Chippewa .....       | 366       | 545                          | 93,736                | 196                        | 45,624                | 170                             | 349                          | 48,112                |
| Clare .....          | 414       | 630                          | 64,365                | 216                        | 30,572                | 198                             | 414                          | 33,793                |
| Clinton .....        | 1,176     | 1,646                        | 255,640               | 749                        | 133,619               | 427                             | 897                          | 122,021               |
| Crawford .....       | 47        | 77                           | 6,308                 | 26                         | 1,224                 | 21                              | 51                           | 5,084                 |
| Delta .....          | 270       | 391                          | 73,801                | 163                        | 40,078                | 107                             | 228                          | 33,723                |
| Dickinson .....      | 146       | 223                          | 28,658                | 73                         | 12,140                | 73                              | 150                          | 16,518                |
| Eaton .....          | 1,218     | 1,755                        | 238,146               | 726                        | 143,938               | 492                             | 1,029                        | 94,208                |
| Emmet .....          | 274       | 394                          | 43,665                | 164                        | 25,451                | 110                             | 230                          | 18,214                |
| Genesee .....        | 1,041     | 1,513                        | 142,141               | 615                        | 81,065                | 426                             | 898                          | 61,076                |
| Gladwin .....        | 530       | 773                          | 71,534                | 325                        | 43,586                | 205                             | 448                          | 27,948                |
| Gogebic .....        | 49        | 73                           | 4,024                 | 24                         | (D)                   | 25                              | 49                           | (D)                   |
| Grand Traverse ..... | 489       | 751                          | 62,268                | 254                        | 29,427                | 235                             | 497                          | 32,841                |
| Gratiot .....        | 1,014     | 1,396                        | 286,166               | 673                        | 163,371               | 341                             | 723                          | 122,795               |
| Hillsdale .....      | 1,499     | 2,097                        | 274,804               | 968                        | 168,885               | 531                             | 1,129                        | 105,919               |
| Houghton .....       | 158       | 230                          | 25,856                | 93                         | 13,662                | 65                              | 137                          | 12,194                |
| Huron .....          | 1,188     | 1,648                        | 431,944               | 816                        | 206,930               | 372                             | 832                          | 225,014               |
| Ingham .....         | 1,011     | 1,538                        | 184,985               | 541                        | 84,108                | 470                             | 997                          | 100,877               |
| Ionia .....          | 1,139     | 1,610                        | 229,768               | 718                        | 115,766               | 421                             | 892                          | 114,002               |
| Iosco .....          | 285       | 420                          | 44,556                | 162                        | 23,227                | 123                             | 258                          | 21,329                |
| Iron .....           | 106       | 155                          | 31,382                | 57                         | 17,368                | 49                              | 98                           | 14,014                |
| Isabella .....       | 952       | 1,351                        | 195,415               | 625                        | 109,266               | 327                             | 726                          | 86,149                |
| Jackson .....        | 1,257     | 1,864                        | 192,590               | 715                        | 101,127               | 542                             | 1,149                        | 91,463                |
| Kalamazoo .....      | 804       | 1,230                        | 148,104               | 439                        | 70,500                | 365                             | 791                          | 77,604                |
| Kalkaska .....       | 175       | 263                          | 24,104                | 97                         | 11,940                | 78                              | 166                          | 12,164                |
| Kent .....           | 1,208     | 1,777                        | 173,301               | 697                        | 87,975                | 511                             | 1,080                        | 85,326                |
| Keweenaw .....       | 11        | 21                           | 710                   | 1                          | (D)                   | 10                              | 20                           | (D)                   |
| Lake .....           | 173       | 255                          | 23,378                | 94                         | 12,323                | 79                              | 161                          | 11,055                |
| Lapeer .....         | 1,182     | 1,777                        | 188,970               | 673                        | 102,078               | 509                             | 1,104                        | 86,892                |
| Leelanau .....       | 429       | 660                          | 62,406                | 229                        | 32,292                | 200                             | 431                          | 30,114                |
| Lenawee .....        | 1,444     | 2,007                        | 352,983               | 948                        | 188,733               | 496                             | 1,059                        | 164,250               |
| Livingston .....     | 865       | 1,294                        | 96,115                | 466                        | 39,258                | 399                             | 828                          | 56,857                |
| Luce .....           | 30        | 48                           | 10,262                | 13                         | 6,565                 | 17                              | 35                           | 3,697                 |
| Mackinac .....       | 73        | 105                          | 20,185                | 43                         | 9,265                 | 30                              | 62                           | 10,920                |
| Macomb .....         | 512       | 782                          | 67,969                | 277                        | 35,801                | 235                             | 505                          | 32,168                |
| Manistee .....       | 315       | 463                          | 46,442                | 180                        | 22,487                | 135                             | 283                          | 23,955                |
| Marquette .....      | 159       | 255                          | 30,009                | 72                         | 16,206                | 87                              | 183                          | 13,803                |
| Mason .....          | 473       | 707                          | 79,334                | 269                        | 39,499                | 204                             | 438                          | 39,835                |
| Mecosta .....        | 789       | 1,148                        | 116,777               | 475                        | 62,182                | 314                             | 673                          | 54,595                |
| Menominee .....      | 372       | 560                          | 98,755                | 206                        | 52,409                | 166                             | 354                          | 46,346                |
| Midland .....        | 509       | 744                          | 84,890                | 311                        | 47,498                | 198                             | 433                          | 37,392                |
| Missaukee .....      | 412       | 645                          | 97,792                | 222                        | 42,374                | 190                             | 423                          | 55,418                |
| Monroe .....         | 1,156     | 1,660                        | 213,136               | 714                        | 116,288               | 442                             | 946                          | 96,848                |
| Montcalm .....       | 1,136     | 1,673                        | 255,100               | 682                        | 125,965               | 454                             | 991                          | 129,135               |
| Montmorency .....    | 139       | 192                          | 21,077                | 90                         | 11,737                | 49                              | 102                          | 9,340                 |
| Muskegon .....       | 545       | 795                          | 73,918                | 322                        | 43,807                | 223                             | 473                          | 30,111                |
| Newaygo .....        | 899       | 1,326                        | 135,302               | 517                        | 70,949                | 382                             | 809                          | 64,353                |
| Oakland .....        | 638       | 998                          | 40,650                | 331                        | 19,991                | 307                             | 667                          | 20,659                |
| Oceana .....         | 635       | 954                          | 125,743               | 356                        | 54,916                | 279                             | 598                          | 70,827                |
| Ogemaw .....         | 254       | 394                          | 67,295                | 136                        | 28,986                | 118                             | 258                          | 38,309                |
| Ontonagon .....      | 108       | 170                          | 33,666                | 56                         | 17,335                | 52                              | 114                          | 16,331                |
| Osceola .....        | 589       | 867                          | 115,598               | 353                        | 61,528                | 236                             | 514                          | 54,070                |
| Oscoda .....         | 123       | 196                          | 16,989                | 64                         | 8,473                 | 59                              | 132                          | 8,516                 |
| Otsego .....         | 170       | 254                          | 34,585                | 93                         | 17,691                | 77                              | 161                          | 16,894                |
| Ottawa .....         | 1,291     | 1,949                        | 165,484               | 745                        | 75,786                | 546                             | 1,204                        | 89,698                |
| Presque Isle .....   | 303       | 433                          | 68,059                | 195                        | 42,240                | 108                             | 238                          | 25,819                |
| Roscommon .....      | 46        | 71                           | 7,394                 | 25                         | 5,032                 | 21                              | 46                           | 2,362                 |
| Saginaw .....        | 1,346     | 1,875                        | 323,888               | 878                        | 162,124               | 468                             | 997                          | 161,764               |
| St. Clair .....      | 1,253     | 1,863                        | 181,626               | 711                        | 90,335                | 542                             | 1,152                        | 91,291                |
| St. Joseph .....     | 900       | 1,290                        | 229,543               | 548                        | 113,778               | 352                             | 742                          | 115,765               |
| Sanilac .....        | 1,588     | 2,266                        | 434,550               | 1,001                      | 209,823               | 587                             | 1,265                        | 224,727               |
| Schoolcraft .....    | 51        | 72                           | 13,541                | 26                         | 9,572                 | 25                              | 46                           | 3,969                 |
| Shiawassee .....     | 1,034     | 1,537                        | 234,667               | 605                        | 133,449               | 429                             | 932                          | 101,218               |
| Tuscola .....        | 1,286     | 1,882                        | 334,346               | 781                        | 168,168               | 505                             | 1,101                        | 166,178               |
| Van Buren .....      | 1,125     | 1,626                        | 173,984               | 682                        | 88,645                | 443                             | 944                          | 85,339                |
| Washtenaw .....      | 1,309     | 1,933                        | 174,054               | 772                        | 97,917                | 537                             | 1,161                        | 76,137                |
| Wayne .....          | 296       | 496                          | 20,630                | 138                        | 9,238                 | 158                             | 358                          | 11,392                |
| Wexford .....        | 395       | 557                          | 45,852                | 244                        | 31,455                | 151                             | 313                          | 14,397                |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 42. Black or African American Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area    | All farms |  |                       | Farms with only 1 operator |               | Farms with more than 1 operator |  |                       |
|--------------------|-----------|--|-----------------------|----------------------------|---------------|---------------------------------|--|-----------------------|
|                    | Farms     | Black or African American operators <sup>1</sup> | Land in farms (acres) | Farms                      | Land in farms | Farms                           | Black or African American operators <sup>1</sup> | Land in farms (acres) |
| <b>STATE TOTAL</b> |           |  |                       |                            |               |                                 |  |                       |
| Michigan .....     | 192       | 243  | 20,451                | 115                        | 7,397         | 77                              | 128  | 13,054                |
| <b>COUNTIES</b>    |           |  |                       |                            |               |                                 |  |                       |
| Allagan .....      | 10        | 13   | 857                   | 7                          | 682           | 3                               | 6  | 175                   |
| Bay .....          | 2         | 2  | (D)                   | 2                          | (D)           | -                               | -  | -                     |
| Berrien .....      | 7         | 11   | 250                   | 3                          | 74            | 4                               | 8  | 176                   |
| Branch .....       | 2         | 2  | (D)                   | -                          | -             | 2                               | 2  | (D)                   |
| Calhoun .....      | 2         | 2  | (D)                   | -                          | -             | 2                               | 2  | (D)                   |
| Cass .....         | 14        | 18   | 1,305                 | 9                          | 1,041         | 5                               | 9  | 264                   |
| Clinton .....      | 1         | 1  | (D)                   | -                          | -             | 1                               | 1  | (D)                   |
| Genesee .....      | 10        | 12   | 536                   | 6                          | 380           | 4                               | 6  | 156                   |
| Hillsdale .....    | 1         | 1  | (D)                   | 1                          | (D)           | -                               | -  | -                     |
| Ingham .....       | 1         | 1  | (D)                   | 1                          | (D)           | -                               | -  | -                     |
| Isabella .....     | 2         | 2  | (D)                   | -                          | -             | 2                               | 2  | (D)                   |
| Jackson .....      | 6         | 7  | 323                   | 5                          | (D)           | 1                               | 2  | (D)                   |
| Kalamazoo .....    | 3         | 3  | 24                    | 2                          | (D)           | 1                               | 1  | (D)                   |
| Lake .....         | 2         | 2  | (D)                   | -                          | -             | 2                               | 2  | (D)                   |
| Lapeer .....       | 2         | 2  | (D)                   | 1                          | (D)           | 1                               | 1  | (D)                   |
| Lenawee .....      | 1         | 1  | (D)                   | -                          | -             | 1                               | 1  | (D)                   |
| Livingston .....   | 10        | 14   | 145                   | 6                          | 105           | 4                               | 8  | 40                    |
| Mecosta .....      | 5         | 15   | 3,000                 | -                          | -             | 5                               | 15   | 3,000                 |
| Monroe .....       | 22        | 24   | 1,062                 | 20                         | (D)           | 2                               | 4  | (D)                   |
| Oakland .....      | 2         | 2  | (D)                   | -                          | -             | 2                               | 2  | (D)                   |
| Oceana .....       | 6         | 8  | 1,272                 | 4                          | (D)           | 2                               | 4  | (D)                   |
| Ontonagon .....    | 1         | 1  | (D)                   | -                          | -             | 1                               | 1  | (D)                   |
| Saginaw .....      | 12        | 12   | 3,287                 | 8                          | 287           | 4                               | 4  | 3,000                 |
| St. Clair .....    | 2         | 2  | (D)                   | 2                          | (D)           | -                               | -  | -                     |
| St. Joseph .....   | 1         | 1  | (D)                   | -                          | -             | 1                               | 1  | (D)                   |
| Sanilac .....      | 1         | 1  | (D)                   | -                          | -             | 1                               | 1  | (D)                   |
| Shiawassee .....   | 1         | 1  | (D)                   | -                          | -             | 1                               | 1  | (D)                   |
| Tuscola .....      | 4         | 6  | (D)                   | 2                          | (D)           | 2                               | 4  | (D)                   |
| Van Buren .....    | 32        | 41   | 1,936                 | 22                         | 1,297         | 10                              | 19   | 639                   |
| Washtenaw .....    | 7         | 7  | 162                   | 2                          | (D)           | 5                               | 5  | (D)                   |
| Wayne .....        | 20        | 28   | 833                   | 12                         | 486           | 8                               | 16   | 347                   |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 43. American Indian or Alaska Native Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | All farms |   |                       | Farms with only 1 operator |                       | Farms with more than 1 operator |   |                       |
|----------------------|-----------|---|-----------------------|----------------------------|-----------------------|---------------------------------|---|-----------------------|
|                      | Farms     | American Indian or Alaska Native operators <sup>1</sup> | Land in farms (acres) | Farms                      | Land in farms (acres) | Farms                           | American Indian or Alaska Native operators <sup>1</sup> | Land in farms (acres) |
| <b>STATE TOTAL</b>   |           |   |                       |                            |                       |                                 |   |                       |
| Michigan .....       | 246       | 264   | 25,771                | 59                         | 7,415                 | 187                             | 205   | 18,356                |
| <b>COUNTIES</b>      |           |   |                       |                            |                       |                                 |   |                       |
| Alger .....          | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Allegan .....        | 3         | 4   | 428                   | 1                          | (D)                   | 2                               | 3   | (D)                   |
| Antrim .....         | 1         | 1   | (D)                   | 1                          | (D)                   | -                               | -   | -                     |
| Arenac .....         | 3         | 3   | 318                   | -                          | -                     | 3                               | 3   | 318                   |
| Baraga .....         | 2         | 2   | (D)                   | 1                          | (D)                   | -                               | 1   | (D)                   |
| Barry .....          | 5         | 5   | 322                   | -                          | -                     | 5                               | 5   | 322                   |
| Bay .....            | 4         | 4   | 368                   | 2                          | (D)                   | 2                               | 2   | (D)                   |
| Berrien .....        | 7         | 7   | 514                   | 2                          | (D)                   | 5                               | 5   | (D)                   |
| Branch .....         | 4         | 4   | 102                   | -                          | -                     | 4                               | 4   | 102                   |
| Calhoun .....        | 2         | 2   | (D)                   | -                          | -                     | 2                               | 2   | -                     |
| Cass .....           | 4         | 6   | 384                   | 1                          | (D)                   | 3                               | 5   | (D)                   |
| Charlevoix .....     | 2         | 2   | (D)                   | -                          | -                     | 2                               | 2   | (D)                   |
| Cheboygan .....      | 3         | 3   | (D)                   | 2                          | (D)                   | 1                               | 1   | (D)                   |
| Chippewa .....       | 15        | 15  | 3,137                 | 6                          | 188                   | 9                               | 9   | 2,949                 |
| Clare .....          | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Clinton .....        | 7         | 7   | 306                   | -                          | -                     | 7                               | 7   | 306                   |
| Delta .....          | 3         | 3   | 393                   | -                          | -                     | 3                               | 3   | 393                   |
| Eaton .....          | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Emmet .....          | 5         | 5   | 165                   | -                          | -                     | 5                               | 5   | 165                   |
| Genesee .....        | 7         | 7   | 236                   | -                          | -                     | 7                               | 7   | 236                   |
| Gladwin .....        | 2         | 2   | (D)                   | 2                          | (D)                   | -                               | -   | -                     |
| Grand Traverse ..... | 3         | 3   | 207                   | -                          | -                     | 3                               | 3   | 207                   |
| Gratiot .....        | 2         | 2   | (D)                   | 2                          | (D)                   | -                               | -   | -                     |
| Hillsdale .....      | 9         | 9   | 257                   | 4                          | 232                   | 5                               | 5   | 25                    |
| Houghton .....       | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Huron .....          | 1         | 1   | (D)                   | 1                          | (D)                   | -                               | -   | -                     |
| Ingham .....         | 11        | 11  | 295                   | 4                          | 140                   | 7                               | 7   | 155                   |
| Ionia .....          | 12        | 17  | 1,283                 | 2                          | (D)                   | 10                              | 15  | (D)                   |
| Isabella .....       | 3         | 3   | (D)                   | -                          | -                     | 3                               | 3   | (D)                   |
| Jackson .....        | 5         | 7   | 151                   | -                          | -                     | 5                               | 7   | 151                   |
| Kalamazoo .....      | 3         | 3   | 52                    | -                          | -                     | 3                               | 3   | 52                    |
| Lake .....           | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Lapeer .....         | 2         | 2   | (D)                   | 2                          | (D)                   | -                               | -   | -                     |
| Leelanau .....       | 5         | 5   | 154                   | -                          | -                     | 5                               | 5   | 154                   |
| Lenawee .....        | 3         | 3   | 9                     | -                          | -                     | 3                               | 3   | 9                     |
| Mackinac .....       | 3         | 3   | 225                   | 3                          | 225                   | -                               | -   | -                     |
| Manistee .....       | 2         | 2   | (D)                   | -                          | -                     | 2                               | 2   | (D)                   |
| Mason .....          | 4         | 4   | 158                   | 4                          | 158                   | -                               | -   | (D)                   |
| Mecosta .....        | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Menominee .....      | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Midland .....        | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Missaukee .....      | 2         | 3   | (D)                   | -                          | -                     | 2                               | 3   | (D)                   |
| Monroe .....         | 4         | 6   | 623                   | -                          | -                     | 4                               | 6   | 623                   |
| Montcalm .....       | 5         | 5   | 329                   | 2                          | (D)                   | 3                               | 3   | (D)                   |
| Montmorency .....    | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Muskegon .....       | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Newaygo .....        | 6         | 7   | 1,419                 | 3                          | 120                   | 3                               | 4   | 1,299                 |
| Oakland .....        | 3         | 3   | 81                    | -                          | -                     | 3                               | 3   | 81                    |
| Oceana .....         | 3         | 3   | 90                    | 1                          | (D)                   | 2                               | 2   | (D)                   |
| Ogemaw .....         | 1         | 1   | (D)                   | 1                          | (D)                   | -                               | -   | -                     |
| Osceola .....        | 6         | 6   | 580                   | 1                          | (D)                   | 5                               | 5   | (D)                   |
| Oscoda .....         | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Ottawa .....         | 3         | 3   | (D)                   | -                          | -                     | 3                               | 3   | (D)                   |
| Presque Isle .....   | 2         | 4   | (D)                   | -                          | -                     | 2                               | 4   | (D)                   |
| Saginaw .....        | 4         | 4   | 1,281                 | 1                          | (D)                   | 3                               | 3   | (D)                   |
| St. Clair .....      | 4         | 4   | 130                   | -                          | -                     | 4                               | 4   | 130                   |
| St. Joseph .....     | 3         | 3   | 588                   | -                          | -                     | 3                               | 3   | 588                   |
| Sanilac .....        | 6         | 6   | 331                   | 5                          | (D)                   | 1                               | 1   | (D)                   |
| Schoolcraft .....    | 8         | 8   | 267                   | -                          | -                     | 8                               | 8   | 267                   |
| Shiawassee .....     | 5         | 5   | 239                   | 3                          | (D)                   | 2                               | 2   | -                     |
| Tuscola .....        | 4         | 4   | 156                   | -                          | -                     | 4                               | 4   | 156                   |
| Van Buren .....      | 10        | 10  | 882                   | 1                          | (D)                   | 9                               | 9   | (D)                   |
| Washtenaw .....      | 5         | 5   | 203                   | 1                          | (D)                   | 4                               | 4   | (D)                   |
| Wayne .....          | 4         | 6   | 14                    | -                          | -                     | 4                               | 6   | 14                    |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 44. Native Hawaiian or Other Pacific Islander Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area    | All farms |  |                       | Farms with only 1 operator |                       | Farms with more than 1 operator |  |                       |
|--------------------|-----------|--|-----------------------|----------------------------|-----------------------|---------------------------------|--|-----------------------|
|                    | Farms     | Native Hawaiian or Other Pacific Islander operators <sup>1</sup> | Land in farms (acres) | Farms                      | Land in farms (acres) | Farms                           | Native Hawaiian or Other Pacific Islander operators <sup>1</sup> | Land in farms (acres) |
| <b>STATE TOTAL</b> |           |  |                       |                            |                       |                                 |  |                       |
| Michigan .....     | 25        | 25   | 1,761                 | 9                          | 516                   | 16                              | 16   | 1,245                 |
| <b>COUNTIES</b>    |           |  |                       |                            |                       |                                 |  |                       |
| Barry .....        | 1         | 1  | (D)                   | -                          | -                     | 1                               | 1  | (D)                   |
| Branch .....       | 2         | 2  | (D)                   | -                          | -                     | 2                               | 2  | (D)                   |
| Cass .....         | 2         | 2  | (D)                   | -                          | -                     | 2                               | 2  | (D)                   |
| Clare .....        | 1         | 1  | (D)                   | -                          | -                     | 1                               | 1  | (D)                   |
| Gratiot .....      | 1         | 1  | (D)                   | -                          | -                     | 1                               | 1  | (D)                   |
| Kent .....         | 4         | 4  | (D)                   | 4                          | (D)                   | -                               | -  | -                     |
| Leelanau .....     | 1         | 1  | (D)                   | -                          | -                     | 1                               | 1  | (D)                   |
| Livingston .....   | 2         | 2  | (D)                   | -                          | -                     | 2                               | 2  | (D)                   |
| Montcalm .....     | 1         | 1  | (D)                   | -                          | -                     | 1                               | 1  | (D)                   |
| Oakland .....      | 3         | 3  | 280                   | 1                          | (D)                   | 2                               | 2  | (D)                   |
| St. Joseph .....   | 3         | 3  | 30                    | -                          | -                     | 3                               | 3  | 30                    |
| Washtenaw .....    | 4         | 4  | 396                   | 4                          | 396                   | -                               | -  | -                     |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 45. Asian Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | All farms |                              |                       | Farms with only 1 operator |                       | Farms with more than 1 operator |                              |                       |
|----------------------|-----------|------------------------------|-----------------------|----------------------------|-----------------------|---------------------------------|------------------------------|-----------------------|
|                      | Farms     | Asian operators <sup>1</sup> | Land in farms (acres) | Farms                      | Land in farms (acres) | Farms                           | Asian operators <sup>1</sup> | Land in farms (acres) |
| <b>STATE TOTAL</b>   |           |                              |                       |                            |                       |                                 |                              |                       |
| Michigan .....       | 64        | 76                           | 4,418                 | 16                         | 820                   | 48                              | 60                           | 3,598                 |
| <b>COUNTIES</b>      |           |                              |                       |                            |                       |                                 |                              |                       |
| Alcona .....         | 1         | 1                            | (D)                   | -                          | -                     | 1                               | 1                            | (D)                   |
| Arenac .....         | 2         | 2                            | (D)                   | -                          | -                     | 2                               | 2                            | (D)                   |
| Barry .....          | 1         | 1                            | (D)                   | -                          | -                     | 1                               | 1                            | (D)                   |
| Berrien .....        | 1         | 1                            | (D)                   | 1                          | (D)                   | -                               | -                            | -                     |
| Cass .....           | 2         | 2                            | (D)                   | -                          | -                     | 2                               | 2                            | (D)                   |
| Eaton .....          | 1         | 1                            | (D)                   | -                          | -                     | 1                               | 1                            | (D)                   |
| Grand Traverse ..... | 2         | 2                            | (D)                   | -                          | -                     | 2                               | 2                            | (D)                   |
| Ingham .....         | 2         | 4                            | (D)                   | -                          | -                     | 2                               | 4                            | (D)                   |
| Isabella .....       | 1         | 2                            | (D)                   | -                          | -                     | 1                               | 2                            | (D)                   |
| Jackson .....        | 3         | 3                            | 176                   | -                          | -                     | 3                               | 3                            | 176                   |
| Kent .....           | 5         | 5                            | 183                   | -                          | -                     | 5                               | 5                            | 183                   |
| Lapeer .....         | 3         | 3                            | 90                    | -                          | -                     | 3                               | 3                            | 90                    |
| Livingston .....     | 2         | 2                            | (D)                   | 2                          | (D)                   | -                               | -                            | -                     |
| Mason .....          | 1         | 1                            | (D)                   | 1                          | (D)                   | -                               | -                            | -                     |
| Menominee .....      | 2         | 2                            | (D)                   | -                          | -                     | 2                               | 2                            | (D)                   |
| Midland .....        | 2         | 2                            | (D)                   | 1                          | (D)                   | 1                               | 1                            | (D)                   |
| Montcalm .....       | 1         | 1                            | (D)                   | -                          | -                     | 1                               | 1                            | (D)                   |
| Muskegon .....       | 1         | 1                            | (D)                   | -                          | -                     | 1                               | 1                            | (D)                   |
| Oakland .....        | 6         | 6                            | 242                   | 4                          | (D)                   | 2                               | 2                            | (D)                   |
| Oceana .....         | 5         | 5                            | 200                   | 5                          | 200                   | -                               | -                            | -                     |
| Saginaw .....        | 1         | 1                            | (D)                   | -                          | -                     | 1                               | 1                            | (D)                   |
| St. Clair .....      | 6         | 6                            | 293                   | 1                          | (D)                   | 5                               | 5                            | (D)                   |
| St. Joseph .....     | 5         | 9                            | 161                   | 1                          | (D)                   | 4                               | 8                            | (D)                   |
| Van Buren .....      | 1         | 1                            | (D)                   | -                          | -                     | 1                               | 1                            | (D)                   |
| Washtenaw .....      | 4         | 7                            | 187                   | -                          | -                     | 4                               | 7                            | 187                   |
| Wayne .....          | 3         | 5                            | 9                     | -                          | -                     | 3                               | 5                            | 9                     |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 46. Operators Reporting More Than One Race: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area    | All farms |   |                       | Farms with only 1 operator |                       | Farms with more than 1 operator |   |                       |
|--------------------|-----------|---|-----------------------|----------------------------|-----------------------|---------------------------------|---|-----------------------|
|                    | Farms     | Operators reporting more than one race <sup>1</sup> | Land in farms (acres) | Farms                      | Land in farms (acres) | Farms                           | Operators reporting more than one race <sup>1</sup> | Land in farms (acres) |
| <b>STATE TOTAL</b> |           |   |                       |                            |                       |                                 |   |                       |
| Michigan .....     | 233       | 265   | 27,797                | 59                         | 7,231                 | 174                             | 206   | 20,566                |
| <b>COUNTIES</b>    |           |   |                       |                            |                       |                                 |   |                       |
| Allegan .....      | 4         | 4   | 1,320                 | 2                          | (D)                   | 2                               | 2   | (D)                   |
| Arenac .....       | 5         | 5   | 321                   | -                          | -                     | 5                               | 5   | 321                   |
| Barry .....        | 5         | 8   | (D)                   | 1                          | (D)                   | 4                               | 7   | (D)                   |
| Bay .....          | 5         | 5   | 215                   | -                          | -                     | 5                               | 5   | 215                   |
| Branch .....       | 7         | 7   | 563                   | 3                          | (D)                   | 4                               | 4   | (D)                   |
| Calhoun .....      | 12        | 14  | 648                   | 2                          | (D)                   | 10                              | 12  | (D)                   |
| Cass .....         | 6         | 6   | 352                   | -                          | -                     | 6                               | 6   | 352                   |
| Cheboygan .....    | 2         | 2   | (D)                   | -                          | -                     | 2                               | 2   | (D)                   |
| Clinton .....      | 3         | 3   | 33                    | 3                          | 33                    | -                               | -   | -                     |
| Delta .....        | 6         | 9   | 1,981                 | -                          | -                     | 6                               | 9   | 1,981                 |
| Dickinson .....    | 2         | 2   | (D)                   | -                          | -                     | 2                               | 2   | (D)                   |
| Eaton .....        | 8         | 9   | 204                   | 3                          | 42                    | 6                               | 6   | 162                   |
| Genesee .....      | 6         | 7   | 342                   | 1                          | (D)                   | 5                               | 6   | (D)                   |
| Gladwin .....      | 2         | 2   | (D)                   | 2                          | (D)                   | -                               | -   | -                     |
| Gogebic .....      | 4         | 4   | 180                   | -                          | -                     | 4                               | 4   | 180                   |
| Gratiot .....      | 11        | 11  | 782                   | 2                          | (D)                   | 9                               | 9   | (D)                   |
| Hillsdale .....    | 10        | 13  | 676                   | 4                          | 160                   | 6                               | 9   | 516                   |
| Huron .....        | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Ingham .....       | 4         | 4   | 77                    | 1                          | (D)                   | 3                               | 3   | (D)                   |
| Ionia .....        | 7         | 7   | 1,485                 | -                          | -                     | 7                               | 7   | 1,485                 |
| Iosco .....        | 4         | 4   | 560                   | -                          | -                     | 4                               | 4   | 560                   |
| Iron .....         | 2         | 2   | (D)                   | -                          | -                     | 2                               | 2   | (D)                   |
| Isabella .....     | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Jackson .....      | 5         | 5   | 357                   | -                          | -                     | 5                               | 5   | 357                   |
| Kalamazoo .....    | 4         | 6   | 125                   | -                          | -                     | 4                               | 6   | 125                   |
| Kalkaska .....     | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Kent .....         | 5         | 5   | 728                   | -                          | -                     | 5                               | 5   | 728                   |
| Lapeer .....       | 3         | 3   | (D)                   | 2                          | (D)                   | 1                               | 1   | (D)                   |
| Lenawee .....      | 3         | 3   | 227                   | 2                          | (D)                   | 1                               | 1   | (D)                   |
| Livingston .....   | 6         | 9   | 310                   | -                          | -                     | 6                               | 9   | 310                   |
| Macomb .....       | 4         | 4   | 72                    | -                          | -                     | 4                               | 4   | 72                    |
| Manistee .....     | 4         | 4   | 700                   | -                          | -                     | 4                               | 4   | 700                   |
| Marquette .....    | 4         | 4   | 400                   | 1                          | (D)                   | 3                               | 3   | (D)                   |
| Mason .....        | 3         | 4   | 143                   | -                          | -                     | 3                               | 4   | 143                   |
| Menominee .....    | 2         | 2   | (D)                   | -                          | -                     | 2                               | 2   | (D)                   |
| Monroe .....       | 6         | 8   | 2,728                 | 2                          | (D)                   | 4                               | 6   | (D)                   |
| Montcalm .....     | 2         | 4   | (D)                   | -                          | -                     | 2                               | 4   | (D)                   |
| Muskegon .....     | 3         | 3   | 40                    | -                          | -                     | 3                               | 3   | 40                    |
| Newaygo .....      | 1         | 1   | (D)                   | -                          | -                     | 1                               | 1   | (D)                   |
| Oakland .....      | 2         | 2   | (D)                   | -                          | -                     | 2                               | 2   | (D)                   |
| Oceana .....       | 2         | 3   | (D)                   | -                          | -                     | 2                               | 3   | (D)                   |
| Ogemaw .....       | 2         | 3   | (D)                   | -                          | -                     | 2                               | 3   | (D)                   |
| Osceola .....      | 2         | 3   | (D)                   | 1                          | (D)                   | 1                               | 2   | (D)                   |
| Otsego .....       | 4         | 8   | 60                    | -                          | -                     | 4                               | 8   | 60                    |
| Ottawa .....       | 2         | 2   | (D)                   | -                          | -                     | 2                               | 2   | (D)                   |
| Saginaw .....      | 11        | 11  | 717                   | 4                          | (D)                   | 7                               | 7   | (D)                   |
| St. Clair .....    | 5         | 6   | (D)                   | 4                          | (D)                   | 1                               | 2   | (D)                   |
| St. Joseph .....   | 2         | 2   | (D)                   | 2                          | (D)                   | -                               | -   | -                     |
| Sanilac .....      | 2         | 2   | (D)                   | 2                          | (D)                   | -                               | -   | (D)                   |
| Shiawassee .....   | 2         | 2   | (D)                   | -                          | -                     | 2                               | 2   | (D)                   |
| Tuscola .....      | 4         | 5   | 320                   | 3                          | (D)                   | 1                               | 2   | (D)                   |
| Van Buren .....    | 6         | 6   | 793                   | 4                          | (D)                   | 2                               | 2   | (D)                   |
| Washtenaw .....    | 8         | 8   | 612                   | 7                          | (D)                   | 1                               | 1   | (D)                   |
| Wayne .....        | 1         | 1   | (D)                   | 1                          | (D)                   | -                               | -   | -                     |
| Wexford .....      | 5         | 5   | 298                   | -                          | -                     | 5                               | 5   | 298                   |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 47. Women Principal Operators - Selected Farm Characteristics: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | Land in farms |         | Harvested cropland |         | Market value of agricultural products sold (\$1,000) | Farms by economic class (see text) and primary occupation |                    |                  |                    |                    |                  |  |  |
|----------------------|---------------|---------|--------------------|---------|--|---|--------------------|------------------|--------------------|--------------------|------------------|--|--|
|                      |               |         |                    |         |  | Farming   |                    |                  | Other than farming |                    |                  |  |  |
|                      | Farms         | Acres   | Farms              | Acres   |  | Less than \$2,500   | \$2,500 to \$9,999 | \$10,000 or more | Less than \$2,500  | \$2,500 to \$9,999 | \$10,000 or more |  |  |
| <b>STATE TOTAL</b>   |               |         |                    |         |  |   |                    |                  |                    |                    |                  |  |  |
| Michigan .....       | 5,904         | 438,739 | 2,790              | 161,662 | 108,916  | 1,691   | 708                | 689              | 1,948              | 566                | 302              |  |  |
| <b>COUNTIES</b>      |               |         |                    |         |  |   |                    |                  |                    |                    |                  |  |  |
| Alcona .....         | 36            | 4,129   | 22                 | 1,606   | 892  | 4   | 11                 | 4                | 9                  | 5                  | 3                |  |  |
| Alger .....          | 16            | 3,070   | 6                  | 433     | 75   | 10  | 2                  | 1                | 3                  | -                  | -                |  |  |
| Allegan .....        | 164           | 8,572   | 109                | 3,459   | 5,690  | 61  | 17                 | 20               | 41                 | 13                 | 12               |  |  |
| Alpena .....         | 31            | 4,168   | 20                 | 2,126   | 476  | 10  | 5                  | 6                | 9                  | 1                  | -                |  |  |
| Antrim .....         | 44            | 3,333   | 24                 | 620     | 311  | 11  | 5                  | 10               | 16                 | -                  | 2                |  |  |
| Arenac .....         | 40            | 2,954   | 19                 | 530     | 249  | 6   | 5                  | 3                | 11                 | 14                 | 1                |  |  |
| Baraga .....         | 5             | 370     | 1                  | (D)     | (D)  | -   | -                  | 1                | 4                  | -                  | -                |  |  |
| Barry .....          | 115           | 7,920   | 43                 | 1,629   | 1,141  | 20  | 19                 | 7                | 46                 | 16                 | 7                |  |  |
| Bay .....            | 46            | 4,497   | 28                 | 3,540   | 1,738  | 5   | 7                  | 6                | 19                 | 5                  | 4                |  |  |
| Benzie .....         | 21            | 1,749   | 18                 | 465     | 208  | 3   | 3                  | 5                | 8                  | 1                  | 1                |  |  |
| Berrien .....        | 97            | 4,876   | 68                 | 1,793   | 2,172  | 12  | 19                 | 28               | 17                 | 12                 | 9                |  |  |
| Branch .....         | 85            | 5,640   | 32                 | 1,263   | 321  | 17  | 13                 | 5                | 31                 | 14                 | 5                |  |  |
| Calhoun .....        | 135           | 8,854   | 56                 | 2,754   | 1,097  | 38  | 13                 | 17               | 50                 | 13                 | 4                |  |  |
| Cass .....           | 82            | 4,986   | 44                 | 1,592   | 1,011  | 23  | 6                  | 12               | 27                 | 10                 | 4                |  |  |
| Charlevoix .....     | 48            | 5,016   | 30                 | 1,435   | 191  | 14  | 10                 | 4                | 17                 | 2                  | 1                |  |  |
| Cheboygan .....      | 23            | 2,722   | 14                 | 190     | 135  | 6   | 2                  | 1                | 10                 | 3                  | 2                |  |  |
| Chippewa .....       | 35            | 5,138   | 24                 | 1,862   | 249  | 10  | 2                  | 3                | 12                 | 6                  | 2                |  |  |
| Clare .....          | 43            | 3,334   | 19                 | 1,103   | 588  | 11  | 4                  | 6                | 13                 | 4                  | 5                |  |  |
| Clinton .....        | 100           | 3,955   | 50                 | 1,199   | 595  | 33  | 12                 | 8                | 31                 | 13                 | 3                |  |  |
| Crawford .....       | 11            | 672     | 1                  | (D)     | 30   | 8   | 1                  | 1                | -                  | -                  | -                |  |  |
| Delta .....          | 27            | 5,127   | 20                 | 1,153   | 265  | 10  | 4                  | 4                | 4                  | 4                  | 1                |  |  |
| Dickinson .....      | 9             | 1,301   | 6                  | 367     | 185  | 3   | -                  | 1                | 1                  | 4                  | 4                |  |  |
| Eaton .....          | 132           | 11,651  | 49                 | 5,360   | 1,643  | 23  | 16                 | 20               | 52                 | 17                 | 4                |  |  |
| Emmet .....          | 46            | 2,745   | 11                 | 257     | 460  | 15  | 6                  | 3                | 16                 | -                  | 6                |  |  |
| Genesee .....        | 140           | 4,877   | 67                 | 1,303   | 1,001  | 58  | 24                 | 10               | 31                 | 8                  | 9                |  |  |
| Gladwin .....        | 59            | 4,615   | 35                 | 1,082   | 133  | 15  | 4                  | 4                | 29                 | 6                  | 1                |  |  |
| Gogebic .....        | 13            | 957     | 5                  | 111     | 40   | 6   | 1                  | 1                | 5                  | -                  | -                |  |  |
| Grand Traverse ..... | 71            | 3,468   | 40                 | 1,448   | 1,210  | 25  | 9                  | 7                | 25                 | 1                  | 4                |  |  |
| Gratiot .....        | 63            | 4,952   | 33                 | 1,634   | 1,248  | 15  | 8                  | 5                | 21                 | 9                  | 5                |  |  |
| Hillsdale .....      | 134           | 10,631  | 42                 | 2,660   | 521  | 29  | 23                 | 7                | 49                 | 22                 | 4                |  |  |
| Houghton .....       | 21            | 2,873   | 10                 | 691     | 147  | 15  | 2                  | 3                | -                  | 1                  | -                |  |  |
| Huron .....          | 51            | 5,140   | 16                 | 2,039   | 836  | 14  | 4                  | 14               | 11                 | 7                  | 1                |  |  |
| Ingham .....         | 125           | 6,111   | 62                 | 2,014   | 1,659  | 38  | 12                 | 11               | 45                 | 15                 | 4                |  |  |
| Ionia .....          | 130           | 9,024   | 55                 | 2,955   | 1,444  | 49  | 23                 | 17               | 23                 | 11                 | 7                |  |  |
| Iosco .....          | 40            | 3,194   | 22                 | 1,218   | 609  | 10  | 8                  | 4                | 13                 | 4                  | 1                |  |  |
| Iron .....           | 21            | 1,802   | 9                  | 531     | 96   | 8   | 5                  | 2                | 4                  | 2                  | -                |  |  |
| Isabella .....       | 75            | 5,315   | 43                 | 2,490   | 690  | 16  | 9                  | 9                | 27                 | 10                 | 4                |  |  |
| Jackson .....        | 148           | 9,234   | 53                 | 2,444   | 765  | 54  | 7                  | 12               | 53                 | 14                 | 8                |  |  |
| Kalamazoo .....      | 108           | 5,654   | 48                 | 879     | (D)  | 33  | 15                 | 6                | 34                 | 15                 | 5                |  |  |
| Kalkaska .....       | 22            | 1,340   | 7                  | 286     | 39   | 12  | 2                  | 2                | 4                  | 2                  | -                |  |  |
| Kent .....           | 160           | 11,149  | 78                 | 3,543   | 2,537  | 48  | 21                 | 20               | 47                 | 13                 | 11               |  |  |
| Keweenaw .....       | 2             | (D)     | -                  | -       | (D)  | -   | -                  | -                | -                  | 2                  | -                |  |  |
| Lake .....           | 24            | 3,469   | 18                 | 790     | 384  | 6   | 1                  | 1                | 10                 | 4                  | 2                |  |  |
| Lapeer .....         | 192           | 17,867  | 93                 | 10,312  | 3,005  | 69  | 31                 | 27               | 47                 | 11                 | 7                |  |  |
| Leelanau .....       | 50            | 4,064   | 33                 | 846     | 1,285  | 2   | 5                  | 12               | 22                 | 6                  | 3                |  |  |
| Lenawee .....        | 116           | 13,574  | 41                 | 9,355   | 1,834  | 10  | 21                 | 13               | 48                 | 14                 | 10               |  |  |
| Livingston .....     | 194           | 7,977   | 64                 | 2,887   | 1,454  | 80  | 12                 | 15               | 69                 | 13                 | 5                |  |  |
| Luce .....           | 2             | (D)     | 2                  | (D)     | (D)  | -   | 1                  | 1                | -                  | -                  | -                |  |  |
| Mackinac .....       | 12            | 969     | 3                  | 370     | 68   | 7   | 3                  | 1                | -                  | 1                  | -                |  |  |
| Macomb .....         | 78            | 2,698   | 42                 | 1,056   | 1,325  | 20  | 5                  | 9                | 27                 | 11                 | 6                |  |  |
| Manistee .....       | 40            | 4,205   | 31                 | 1,145   | 459  | 4   | 10                 | 5                | 12                 | 5                  | 4                |  |  |
| Marquette .....      | 53            | 4,218   | 16                 | 367     | 274  | 24  | 7                  | 4                | 15                 | 3                  | -                |  |  |
| Mason .....          | 66            | 6,456   | 37                 | 1,429   | 548  | 10  | 5                  | 5                | 35                 | 5                  | 6                |  |  |
| Mecosta .....        | 90            | 9,506   | 50                 | 3,197   | 1,255  | 19  | 6                  | 8                | 39                 | 12                 | 6                |  |  |
| Menominee .....      | 49            | 4,340   | 27                 | 849     | 265  | 12  | 3                  | 5                | 23                 | 4                  | 2                |  |  |
| Midland .....        | 46            | 1,731   | 26                 | 617     | 366  | 14  | 12                 | 7                | 4                  | 6                  | 3                |  |  |
| Missaukee .....      | 27            | 4,136   | 19                 | 1,572   | 198  | 4   | 8                  | 3                | 7                  | 2                  | 3                |  |  |
| Monroe .....         | 120           | 5,265   | 54                 | 2,874   | 743  | 33  | 19                 | 9                | 46                 | 7                  | 6                |  |  |
| Montcalm .....       | 100           | 8,880   | 43                 | 2,465   | 924  | 32  | 8                  | 11               | 32                 | 9                  | 8                |  |  |
| Montmorency .....    | 13            | 1,158   | 6                  | 373     | 121  | 2   | 2                  | 2                | 4                  | 2                  | 1                |  |  |
| Muskegon .....       | 78            | 4,347   | 15                 | 1,300   | 835  | 22  | 2                  | 10               | 36                 | 6                  | 2                |  |  |
| Newaygo .....        | 86            | 6,247   | 45                 | 2,660   | 1,418  | 34  | 6                  | 10               | 26                 | 4                  | 6                |  |  |
| Oakland .....        | 168           | 7,871   | 45                 | 790     | 1,241  | 49  | 17                 | 19               | 65                 | 13                 | 5                |  |  |
| Oceana .....         | 75            | 7,735   | 47                 | 3,668   | 2,009  | 24  | 8                  | 11               | 20                 | 7                  | 5                |  |  |
| Ogemaw .....         | 28            | 6,990   | 22                 | 1,879   | 888  | 2   | 4                  | 7                | 9                  | 2                  | 4                |  |  |
| Ontonagon .....      | 8             | 1,494   | 8                  | 548     | 58   | 3   | 3                  | 1                | -                  | -                  | -                |  |  |
| Oscoda .....         | 48            | 6,488   | 27                 | 2,199   | 513  | 16  | 10                 | 5                | 9                  | 5                  | 3                |  |  |
| Oscoda .....         | 5             | 365     | 2                  | (D)     | 38   | 3   | 1                  | 1                | -                  | -                  | -                |  |  |
| Otsego .....         | 19            | 3,503   | 11                 | 1,140   | 292  | 3   | 2                  | 4                | 9                  | 1                  | -                |  |  |
| Ottawa .....         | 104           | 5,056   | 52                 | 2,623   | 3,791  | 34  | 7                  | 15               | 33                 | 6                  | 9                |  |  |
| Presque Isle .....   | 28            | 4,241   | 23                 | 748     | 412  | 8   | 2                  | 3                | 11                 | 2                  | 2                |  |  |
| Roscommon .....      | 8             | 397     | 5                  | 65      | (D)  | 4   | -                  | -                | 3                  | 1                  | -                |  |  |
| Saginaw .....        | 113           | 9,279   | 47                 | 5,543   | 2,219  | 28  | 9                  | 17               | 36                 | 19                 | 4                |  |  |
| St. Clair .....      | 166           | 8,591   | 85                 | 3,395   | 1,694  | 57  | 25                 | 18               | 50                 | 10                 | 6                |  |  |
| St. Joseph .....     | 82            | 6,564   | 35                 | 3,230   | (D)  | 18  | 6                  | 13               | 24                 | 15                 | 6                |  |  |
| Sanilac .....        | 118           | 22,617  | 53                 | 15,844  | 5,505  | 26  | 22                 | 21               | 32                 | 9                  | 8                |  |  |
| Schoolcraft .....    | 7             | 979     | 3                  | (D)     | 38   | 4   | -                  | -                | -                  | 2                  | 1                |  |  |
| Shiawassee .....     | 112           | 7,508   | 60                 | 4,263   | 1,448  | 25  | 11                 | 10               | 51                 | 13                 | 2                |  |  |
| Tuscola .....        | 114           | 6,877   | 49                 | 2,920   | 1,152  | 35  | 18                 | 15               | 32                 | 13                 | 1                |  |  |
| Van Buren .....      | 141           | 9,227   | 73                 | 2,573   | 2,418  | 31  | 18                 | 25               | 47                 | 10                 | 10               |  |  |
| Washtenaw .....      | 251           | 9,650   | 101                | 2,214   | 2,337  | 90  | 14                 | 17               | 110                | 10                 | 10               |  |  |
| Wayne .....          | 64            | 1,827   | 22                 | 299     | 6,502  | 15  | 3                  | 12               | 28                 | 1                  | 5                |  |  |
| Wexford .....        | 35            | 2,851   | 16                 | 735     | 261  | 14  | 5                  | 5                | 8                  | 1                  | 2                |  |  |

**Table 48. Women Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | All farms |                              |                       | Farms with only 1 operator |                       | Farms with more than 1 operator |                              |                       |
|----------------------|-----------|------------------------------|-----------------------|----------------------------|-----------------------|---------------------------------|------------------------------|-----------------------|
|                      | Farms     | Women operators <sup>1</sup> | Land in farms (acres) | Farms                      | Land in farms (acres) | Farms                           | Women operators <sup>1</sup> | Land in farms (acres) |
| <b>STATE TOTAL</b>   |           |                              |                       |                            |                       |                                 |                              |                       |
| Michigan .....       | 20,679    | 21,827                       | 2,742,274             | 3,122                      | 207,493               | 17,557                          | 18,705                       | 2,534,781             |
| <b>COUNTIES</b>      |           |                              |                       |                            |                       |                                 |                              |                       |
| Alcona .....         | 125       | 130                          | 17,602                | 20                         | 3,058                 | 105                             | 110                          | 14,544                |
| Alger .....          | 39        | 39                           | 8,489                 | 9                          | 2,777                 | 30                              | 30                           | 5,712                 |
| Allegan .....        | 544       | 564                          | 51,457                | 91                         | 3,964                 | 453                             | 473                          | 47,493                |
| Alpena .....         | 175       | 203                          | 31,538                | 14                         | 1,153                 | 161                             | 189                          | 30,385                |
| Antrim .....         | 177       | 184                          | 22,208                | 19                         | 1,570                 | 158                             | 165                          | 20,638                |
| Arenac .....         | 138       | 143                          | 21,698                | 21                         | 1,220                 | 117                             | 122                          | 20,478                |
| Baraga .....         | 19        | 19                           | 4,972                 | 5                          | 370                   | 14                              | 14                           | 4,602                 |
| Barry .....          | 471       | 498                          | 59,192                | 73                         | 5,335                 | 398                             | 425                          | 53,857                |
| Bay .....            | 210       | 224                          | 29,900                | 22                         | 703                   | 188                             | 202                          | 29,197                |
| Benzie .....         | 80        | 81                           | 7,329                 | 12                         | 1,104                 | 68                              | 69                           | 6,225                 |
| Berrien .....        | 430       | 468                          | 48,821                | 39                         | 1,518                 | 391                             | 429                          | 47,303                |
| Branch .....         | 393       | 406                          | 53,628                | 53                         | 3,507                 | 340                             | 353                          | 50,121                |
| Calhoun .....        | 428       | 444                          | 63,716                | 86                         | 4,544                 | 342                             | 358                          | 59,172                |
| Cass .....           | 315       | 329                          | 43,359                | 45                         | 2,425                 | 270                             | 284                          | 40,934                |
| Charlevoix .....     | 144       | 151                          | 14,914                | 20                         | 1,924                 | 124                             | 131                          | 12,990                |
| Cheboygan .....      | 97        | 103                          | 13,544                | 14                         | 2,067                 | 83                              | 89                           | 11,477                |
| Chippewa .....       | 157       | 160                          | 34,587                | 13                         | 1,714                 | 144                             | 147                          | 32,873                |
| Clare .....          | 194       | 207                          | 27,820                | 18                         | 1,445                 | 176                             | 189                          | 26,375                |
| Clinton .....        | 380       | 402                          | 64,961                | 55                         | 2,457                 | 325                             | 347                          | 62,504                |
| Crawford .....       | 24        | 25                           | 1,832                 | 10                         | 657                   | 14                              | 15                           | 1,175                 |
| Delta .....          | 100       | 108                          | 27,097                | 10                         | 837                   | 90                              | 98                           | 26,260                |
| Dickinson .....      | 64        | 66                           | 10,086                | 4                          | 805                   | 60                              | 62                           | 9,281                 |
| Eaton .....          | 491       | 509                          | 60,742                | 70                         | 6,755                 | 421                             | 439                          | 53,987                |
| Emmet .....          | 116       | 124                          | 15,827                | 22                         | 1,128                 | 94                              | 102                          | 14,699                |
| Genesee .....        | 439       | 464                          | 30,506                | 74                         | 2,192                 | 365                             | 390                          | 28,314                |
| Gladwin .....        | 217       | 226                          | 24,040                | 35                         | 2,759                 | 182                             | 191                          | 21,281                |
| Gogebic .....        | 27        | 28                           | 1,906                 | 5                          | 430                   | 22                              | 23                           | 1,476                 |
| Grand Traverse ..... | 236       | 243                          | 24,803                | 30                         | 1,424                 | 206                             | 213                          | 23,379                |
| Gratiot .....        | 283       | 302                          | 54,561                | 32                         | 2,351                 | 251                             | 270                          | 52,210                |
| Hillsdale .....      | 524       | 557                          | 66,414                | 86                         | 7,288                 | 438                             | 471                          | 59,126                |
| Houghton .....       | 67        | 70                           | 10,553                | 8                          | 388                   | 59                              | 62                           | 10,165                |
| Huron .....          | 265       | 277                          | 91,322                | 29                         | 3,137                 | 236                             | 248                          | 88,185                |
| Ingham .....         | 440       | 469                          | 44,743                | 49                         | 1,559                 | 391                             | 420                          | 43,184                |
| Ionia .....          | 427       | 442                          | 58,570                | 80                         | 5,482                 | 347                             | 362                          | 53,088                |
| Iosco .....          | 127       | 135                          | 17,040                | 18                         | 1,182                 | 109                             | 117                          | 15,858                |
| Iron .....           | 46        | 48                           | 6,988                 | 10                         | 1,058                 | 36                              | 38                           | 5,930                 |
| Isabella .....       | 293       | 311                          | 39,626                | 40                         | 2,647                 | 253                             | 271                          | 36,979                |
| Jackson .....        | 531       | 568                          | 53,337                | 59                         | 4,438                 | 472                             | 509                          | 48,899                |
| Kalamazoo .....      | 355       | 386                          | 45,323                | 50                         | 1,772                 | 305                             | 336                          | 43,551                |
| Kalkaska .....       | 77        | 80                           | 5,931                 | 16                         | 1,053                 | 61                              | 64                           | 4,878                 |
| Kent .....           | 509       | 534                          | 45,057                | 93                         | 6,124                 | 416                             | 441                          | 38,933                |
| Keweenaw .....       | 7         | 7                            | 660                   | -                          | -                     | 7                               | 7                            | 660                   |
| Lake .....           | 93        | 94                           | 12,441                | 16                         | 2,306                 | 77                              | 78                           | 10,135                |
| Lapeer .....         | 537       | 568                          | 61,439                | 97                         | 8,188                 | 440                             | 471                          | 53,251                |
| Leelanau .....       | 185       | 196                          | 19,142                | 27                         | 2,719                 | 158                             | 169                          | 16,423                |
| Lenawee .....        | 449       | 457                          | 80,526                | 68                         | 4,009                 | 381                             | 389                          | 76,517                |
| Livingston .....     | 465       | 482                          | 37,655                | 107                        | 3,278                 | 358                             | 375                          | 34,377                |
| Luce .....           | 16        | 16                           | 3,265                 | 2                          | (D)                   | 14                              | 14                           | (D)                   |
| Mackinac .....       | 35        | 35                           | 6,932                 | 11                         | 949                   | 24                              | 24                           | 5,983                 |
| Macomb .....         | 228       | 248                          | 20,400                | 36                         | 1,777                 | 192                             | 212                          | 18,623                |
| Manistee .....       | 140       | 146                          | 20,522                | 23                         | 1,970                 | 117                             | 123                          | 18,552                |
| Marquette .....      | 99        | 118                          | 13,025                | 20                         | 1,817                 | 79                              | 98                           | 11,208                |
| Mason .....          | 195       | 209                          | 23,011                | 27                         | 3,160                 | 168                             | 182                          | 19,851                |
| Mecosta .....        | 307       | 325                          | 36,980                | 46                         | 3,856                 | 261                             | 279                          | 33,124                |
| Menominee .....      | 163       | 176                          | 29,847                | 24                         | 1,842                 | 139                             | 152                          | 28,005                |
| Midland .....        | 197       | 204                          | 16,260                | 23                         | 605                   | 174                             | 181                          | 15,655                |
| Missaukee .....      | 156       | 164                          | 26,697                | 12                         | 1,093                 | 144                             | 152                          | 25,604                |
| Monroe .....         | 381       | 407                          | 42,524                | 52                         | 2,547                 | 329                             | 355                          | 39,977                |
| Montcalm .....       | 437       | 461                          | 73,154                | 67                         | 5,690                 | 370                             | 394                          | 67,464                |
| Montmorency .....    | 46        | 47                           | 7,123                 | 6                          | 750                   | 40                              | 41                           | 6,373                 |
| Muskegon .....       | 228       | 240                          | 18,921                | 37                         | 2,209                 | 191                             | 203                          | 16,712                |
| Newaygo .....        | 388       | 397                          | 45,898                | 49                         | 3,075                 | 339                             | 348                          | 42,823                |
| Oakland .....        | 361       | 404                          | 17,191                | 95                         | 3,598                 | 266                             | 309                          | 13,593                |
| Oceana .....         | 270       | 280                          | 37,033                | 44                         | 2,973                 | 226                             | 236                          | 34,060                |
| Ogemaw .....         | 95        | 102                          | 19,907                | 14                         | 4,317                 | 81                              | 88                           | 15,590                |
| Ontonagon .....      | 51        | 52                           | 15,008                | 3                          | 360                   | 48                              | 49                           | 14,648                |
| Osceola .....        | 232       | 246                          | 42,451                | 30                         | 3,922                 | 202                             | 216                          | 38,529                |
| Oscoda .....         | 57        | 71                           | 6,692                 | 2                          | (D)                   | 55                              | 69                           | (D)                   |
| Otsego .....         | 79        | 84                           | 14,949                | 13                         | 3,145                 | 66                              | 71                           | 11,804                |
| Ottawa .....         | 452       | 484                          | 41,457                | 56                         | 1,635                 | 396                             | 428                          | 39,822                |
| Presque Isle .....   | 91        | 95                           | 16,762                | 8                          | 1,240                 | 83                              | 87                           | 15,522                |
| Roscommon .....      | 17        | 17                           | 908                   | -                          | -                     | 17                              | 17                           | 908                   |
| Saginaw .....        | 409       | 422                          | 70,391                | 63                         | 2,828                 | 346                             | 359                          | 67,563                |
| St. Clair .....      | 541       | 571                          | 49,070                | 90                         | 4,940                 | 451                             | 481                          | 44,130                |
| St. Joseph .....     | 338       | 348                          | 53,132                | 52                         | 2,824                 | 286                             | 296                          | 50,308                |
| Sanilac .....        | 514       | 530                          | 123,406               | 73                         | 6,316                 | 441                             | 457                          | 117,090               |
| Schoolcraft .....    | 25        | 27                           | 2,924                 | 2                          | (D)                   | 23                              | 25                           | (D)                   |
| Shiawassee .....     | 406       | 434                          | 65,986                | 47                         | 2,522                 | 359                             | 387                          | 63,464                |
| Tuscola .....        | 444       | 465                          | 72,507                | 65                         | 4,134                 | 379                             | 400                          | 68,373                |
| Van Buren .....      | 454       | 482                          | 63,919                | 80                         | 4,627                 | 374                             | 402                          | 59,292                |
| Washtenaw .....      | 588       | 636                          | 54,209                | 133                        | 4,904                 | 455                             | 503                          | 49,305                |
| Wayne .....          | 172       | 192                          | 7,138                 | 25                         | 738                   | 147                             | 167                          | 6,400                 |
| Wexford .....        | 157       | 161                          | 14,773                | 18                         | 1,659                 | 139                             | 143                          | 13,114                |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 49. Women Principal Operators - Tenure: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | Total farms | Full owners |               |                    | Part owners |               |                    | Tenants |               |                    |
|----------------------|-------------|-------------|---------------|--------------------|-------------|---------------|--------------------|---------|---------------|--------------------|
|                      |             | Farms       | Land in farms | Harvested cropland | Farms       | Land in farms | Harvested cropland | Farms   | Land in farms | Harvested cropland |
| <b>STATE TOTAL</b>   |             |             |               |                    |             |               |                    |         |               |                    |
| Michigan .....       | 5,904       | 5,112       | 299,605       | 67,190             | 657         | 127,777       | 86,578             | 135     | 11,357        | 7,894              |
| <b>COUNTIES</b>      |             |             |               |                    |             |               |                    |         |               |                    |
| Alcona .....         | 36          | 27          | (D)           | 456                | 7           | 2,113         | 1,150              | 2       | (D)           | -                  |
| Alger .....          | 16          | 14          | (D)           | (D)                | 2           | (D)           | (D)                | -       | (D)           | 213                |
| Allegan .....        | 164         | 139         | 6,143         | 1,579              | 18          | 2,099         | 1,667              | 7       | 330           |                    |
| Alpena .....         | 31          | 28          | 2,126         | (D)                | 3           | 2,042         | (D)                | -       | (D)           | -                  |
| Antrim .....         | 44          | 41          | (D)           | (D)                | 3           | (D)           | (D)                | -       | (D)           | -                  |
| Arenac .....         | 40          | 38          | (D)           | (D)                | 2           | (D)           | (D)                | -       | (D)           | -                  |
| Baraga .....         | 5           | 5           | 370           | (D)                | -           | -             | -                  | -       | (D)           | -                  |
| Barry .....          | 115         | 101         | 6,407         | 852                | 13          | (D)           | (D)                | 1       | (D)           | (D)                |
| Bay .....            | 46          | 41          | (D)           | (D)                | 3           | (D)           | (D)                | 2       | (D)           | (D)                |
| Benzie .....         | 21          | 16          | 1,128         | 216                | 5           | 621           | 249                | -       | -             | -                  |
| Berrien .....        | 97          | 77          | 3,700         | 1,103              | 15          | 1,043         | (D)                | 5       | 133           | (D)                |
| Branch .....         | 85          | 79          | 4,688         | (D)                | 4           | (D)           | 724                | 2       | (D)           | (D)                |
| Calhoun .....        | 135         | 125         | 7,925         | 2,189              | 7           | (D)           | (D)                | 3       | (D)           | (D)                |
| Cass .....           | 82          | 73          | 3,710         | 992                | 7           | (D)           | (D)                | 2       | (D)           | (D)                |
| Charlevoix .....     | 48          | 44          | 3,376         | 798                | 4           | 1,640         | 637                | -       | -             | -                  |
| Cheboygan .....      | 23          | 19          | 1,674         | (D)                | 4           | 1,048         | (D)                | -       | -             | -                  |
| Chippewa .....       | 35          | 27          | 3,050         | 608                | 8           | 2,088         | 1,254              | -       | -             | -                  |
| Clare .....          | 43          | 37          | 2,290         | 381                | 3           | 844           | 722                | 3       | 200           |                    |
| Clinton .....        | 100         | 95          | 3,611         | 959                | 4           | (D)           | (D)                | 1       | (D)           | (D)                |
| Crawford .....       | 11          | 9           | (D)           | (D)                | 2           | (D)           | -                  | -       | -             | -                  |
| Delta .....          | 27          | 21          | 3,843         | 740                | 6           | 1,284         | 413                | -       | -             | -                  |
| Dickinson .....      | 9           | 8           | (D)           | (D)                | 1           | (D)           | (D)                | -       | -             | -                  |
| Eaton .....          | 132         | 111         | 5,779         | 1,653              | 21          | 5,872         | 3,707              | -       | -             | -                  |
| Emmet .....          | 46          | 39          | 2,159         | (D)                | 5           | (D)           | (D)                | 2       | (D)           | -                  |
| Genesee .....        | 140         | 116         | 3,355         | 777                | 18          | 1,408         | (D)                | 6       | 114           | (D)                |
| Gladwin .....        | 59          | 54          | 3,974         | 600                | 5           | 641           | 482                | -       | -             | -                  |
| Gogebic .....        | 13          | 11          | (D)           | (D)                | 2           | (D)           | (D)                | -       | -             | -                  |
| Grand Traverse ..... | 71          | 60          | 2,979         | 1,119              | 10          | (D)           | (D)                | 1       | (D)           | (D)                |
| Gratiot .....        | 63          | 56          | 3,148         | (D)                | 7           | 1,804         | (D)                | -       | -             | -                  |
| Hillsdale .....      | 134         | 122         | 8,795         | 1,183              | 11          | (D)           | 1,477              | 1       | (D)           | -                  |
| Houghton .....       | 21          | 19          | (D)           | (D)                | 2           | (D)           | (D)                | -       | -             | -                  |
| Huron .....          | 51          | 48          | (D)           | (D)                | 3           | (D)           | (D)                | -       | -             | -                  |
| Ingham .....         | 125         | 109         | 4,073         | 641                | 14          | (D)           | 1,373              | 2       | (D)           | -                  |
| Ionia .....          | 130         | 109         | 6,739         | (D)                | 17          | 2,185         | 1,609              | 4       | 100           | (D)                |
| Iosco .....          | 40          | 38          | (D)           | (D)                | 2           | (D)           | (D)                | -       | -             | -                  |
| Iron .....           | 21          | 17          | 725           | 85                 | 4           | 1,077         | 446                | -       | -             | -                  |
| Isabella .....       | 75          | 61          | 4,004         | 1,546              | 12          | (D)           | 944                | 2       | (D)           | -                  |
| Jackson .....        | 148         | 131         | 6,823         | 894                | 14          | 2,405         | 1,550              | 3       | 6             | -                  |
| Kalamazoo .....      | 108         | 91          | 5,183         | 641                | 14          | 426           | 193                | 3       | 45            | 45                 |
| Kalkaska .....       | 22          | 21          | (D)           | 286                | -           | -             | -                  | 1       | (D)           | -                  |
| Kent .....           | 160         | 133         | 7,647         | 2,719              | 23          | 2,878         | 578                | 4       | 624           | 246                |
| Keweenaw .....       | 2           | -           | -             | -                  | -           | -             | -                  | 2       | -             | -                  |
| Lake .....           | 24          | 20          | 3,231         | 662                | 2           | (D)           | (D)                | 2       | (D)           | (D)                |
| Lapeer .....         | 192         | 149         | 6,840         | 1,263              | 43          | 11,027        | 9,049              | -       | -             | -                  |
| Leelanau .....       | 50          | 47          | (D)           | (D)                | 3           | (D)           | (D)                | -       | -             | -                  |
| Lenawee .....        | 116         | 101         | 5,063         | (D)                | 10          | 8,239         | 7,977              | 5       | 272           | (D)                |
| Livingston .....     | 194         | 171         | 4,685         | (D)                | 15          | 3,068         | 2,185              | 8       | 224           | (D)                |
| Luce .....           | 2           | 2           | (D)           | (D)                | -           | -             | -                  | -       | -             | -                  |
| Mackinac .....       | 12          | 10          | (D)           | 370                | -           | -             | -                  | 2       | (D)           | -                  |
| Macomb .....         | 78          | 63          | 1,696         | (D)                | 14          | (D)           | 642                | 1       | (D)           | (D)                |
| Manistee .....       | 40          | 36          | 3,360         | 715                | 4           | 845           | 430                | -       | -             | -                  |
| Marquette .....      | 53          | 51          | (D)           | 367                | -           | -             | -                  | 2       | (D)           | -                  |
| Mason .....          | 66          | 55          | 4,877         | 951                | 7           | 1,393         | (D)                | 4       | 186           | (D)                |
| Mecosta .....        | 90          | 79          | 7,074         | 1,411              | 11          | 2,432         | 1,786              | -       | -             | -                  |
| Menominee .....      | 49          | 42          | 3,248         | 632                | 7           | 1,092         | 217                | -       | -             | -                  |
| Midland .....        | 46          | 42          | (D)           | 436                | 3           | (D)           | (D)                | 1       | (D)           | (D)                |
| Missaukee .....      | 27          | 21          | 2,326         | 959                | 6           | 1,810         | 613                | -       | -             | -                  |
| Monroe .....         | 120         | 106         | 3,834         | 1,581              | 10          | 1,315         | (D)                | 4       | 116           | (D)                |
| Montcalm .....       | 100         | 95          | 6,914         | 874                | 5           | 1,966         | 1,591              | -       | -             | -                  |
| Montmorency .....    | 13          | 9           | 878           | 373                | 4           | 280           | -                  | -       | -             | -                  |
| Muskegon .....       | 78          | 65          | 3,077         | (D)                | 12          | (D)           | 939                | 1       | (D)           | (D)                |
| Newaygo .....        | 86          | 73          | 3,589         | (D)                | 10          | (D)           | 1,624              | 3       | (D)           | (D)                |
| Oakland .....        | 168         | 145         | 6,594         | (D)                | 20          | (D)           | 195                | 3       | (D)           | (D)                |
| Oceana .....         | 75          | 66          | 4,846         | 1,735              | 9           | 2,889         | 1,933              | -       | -             | -                  |
| Ogemaw .....         | 28          | 23          | 5,546         | 882                | 5           | 1,444         | 997                | -       | -             | -                  |
| Ontonagon .....      | 8           | 2           | (D)           | (D)                | 6           | (D)           | (D)                | -       | -             | -                  |
| Osceola .....        | 48          | 41          | 5,129         | 1,277              | 7           | 1,359         | 922                | -       | -             | -                  |
| Oscoda .....         | 5           | 3           | (D)           | -                  | 2           | (D)           | (D)                | -       | -             | -                  |
| Otsego .....         | 19          | 18          | (D)           | (D)                | 1           | (D)           | (D)                | -       | -             | -                  |
| Ottawa .....         | 104         | 92          | 2,756         | (D)                | 11          | (D)           | 1,928              | 1       | (D)           | (D)                |
| Presque Isle .....   | 28          | 20          | 2,730         | 573                | 8           | 1,511         | 175                | -       | -             | -                  |
| Roscommon .....      | 8           | 4           | 122           | (D)                | 3           | (D)           | (D)                | 1       | (D)           | (D)                |
| Saginaw .....        | 113         | 100         | 3,946         | (D)                | 9           | (D)           | 2,799              | 4       | (D)           | (D)                |
| St. Clair .....      | 166         | 140         | 5,758         | (D)                | 21          | 2,681         | 2,017              | 5       | 152           | (D)                |
| St. Joseph .....     | 82          | 66          | 4,326         | 1,557              | 9           | (D)           | (D)                | 7       | (D)           | (D)                |
| Sanilac .....        | 118         | 98          | (D)           | (D)                | 18          | 12,724        | 11,254             | 2       | (D)           | (D)                |
| Schoolcraft .....    | 7           | 6           | (D)           | (D)                | 1           | (D)           | (D)                | -       | -             | -                  |
| Shiawassee .....     | 112         | 101         | 4,363         | 1,787              | 11          | 3,145         | 2,476              | -       | -             | -                  |
| Tuscola .....        | 114         | 92          | 4,924         | 1,591              | 22          | 1,953         | 1,329              | -       | -             | -                  |
| Van Buren .....      | 141         | 131         | 7,803         | 1,473              | 5           | 1,404         | (D)                | 5       | 20            | (D)                |
| Washtenaw .....      | 251         | 226         | 8,424         | 1,678              | 14          | 835           | (D)                | 11      | 391           | (D)                |
| Wayne .....          | 64          | 58          | 1,604         | 171                | 2           | (D)           | (D)                | 4       | (D)           | (D)                |
| Wexford .....        | 35          | 33          | (D)           | (D)                | 2           | (D)           | (D)                | -       | -             | -                  |

**Table 50. Spanish, Hispanic, or Latino Origin Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | All farms |  |                          | Farms with only 1 operator |                          | Farms with more than 1 operator |  |                          |
|----------------------|-----------|--|--------------------------|----------------------------|--------------------------|---------------------------------|--|--------------------------|
|                      | Farms     | Spanish,<br>Hispanic,<br>or Latino<br>operators <sup>1</sup> | Land in farms<br>(acres) | Farms                      | Land in farms<br>(acres) | Farms                           | Spanish,<br>Hispanic,<br>or Latino<br>operators <sup>1</sup> | Land in farms<br>(acres) |
| <b>STATE TOTAL</b>   |           |  |                          |                            |                          |                                 |  |                          |
| Michigan .....       | 1,020     | 1,145  | 165,896                  | 542                        | 83,661                   | 478                             | 603  | 82,235                   |
| <b>COUNTIES</b>      |           |  |                          |                            |                          |                                 |  |                          |
| Alcona .....         | 2         | 2  | (D)                      | 2                          | (D)                      | -                               | -  | -                        |
| Allegan .....        | 51        | 51   | 2,657                    | 17                         | 798                      | 34                              | 34   | 1,859                    |
| Alpena .....         | 6         | 6  | 270                      | 3                          | 45                       | 3                               | 3  | 225                      |
| Antrim .....         | 15        | 16   | 1,681                    | 11                         | 1,417                    | 4                               | 5  | 264                      |
| Arenac .....         | 7         | 7  | 277                      | 4                          | 160                      | 3                               | 3  | 117                      |
| Barry .....          | 20        | 22   | 1,151                    | 8                          | 359                      | 12                              | 14   | 792                      |
| Bay .....            | 16        | 16   | 3,292                    | 11                         | 2,459                    | 5                               | 5  | 833                      |
| Benzie .....         | 3         | 3  | 270                      | 3                          | 270                      | -                               | -  | -                        |
| Berrien .....        | 22        | 30   | 3,638                    | 3                          | 99                       | 19                              | 27   | 3,539                    |
| Branch .....         | 21        | 21   | 2,060                    | 20                         | (D)                      | 1                               | 1  | (D)                      |
| Calhoun .....        | 11        | 15   | 642                      | 6                          | 360                      | 5                               | 9  | 282                      |
| Cass .....           | 15        | 15   | 2,593                    | 11                         | 2,305                    | 4                               | 4  | 288                      |
| Charlevoix .....     | 11        | 15   | 900                      | 7                          | 280                      | 4                               | 8  | 620                      |
| Chippewa .....       | 7         | 7  | 440                      | 4                          | 320                      | 3                               | 3  | 120                      |
| Clare .....          | 3         | 3  | 280                      | -                          | -                        | 3                               | 3  | 280                      |
| Clinton .....        | 24        | 27   | 1,575                    | 8                          | 178                      | 16                              | 19   | 1,397                    |
| Dickinson .....      | 3         | 3  | 804                      | 3                          | 804                      | -                               | -  | -                        |
| Eaton .....          | 18        | 18   | 1,268                    | 11                         | 880                      | 7                               | 7  | 388                      |
| Emmet .....          | 2         | 2  | (D)                      | -                          | -                        | 2                               | 2  | (D)                      |
| Genesee .....        | 22        | 22   | 896                      | 11                         | 544                      | 11                              | 11   | 352                      |
| Gladwin .....        | 4         | 5  | 627                      | 2                          | (D)                      | 2                               | 3  | (D)                      |
| Grand Traverse ..... | 9         | 10   | 663                      | 5                          | 115                      | 4                               | 5  | 548                      |
| Gratiot .....        | 5         | 7  | (D)                      | 2                          | (D)                      | 3                               | 5  | (D)                      |
| Hillsdale .....      | 39        | 44   | 8,411                    | 16                         | 6,718                    | 23                              | 28   | 1,693                    |
| Huron .....          | 12        | 15   | 3,703                    | 8                          | 1,068                    | 4                               | 7  | 2,635                    |
| Ingham .....         | 24        | 27   | 1,482                    | 7                          | 758                      | 17                              | 20   | 724                      |
| Ionia .....          | 21        | 29   | 4,319                    | 12                         | 839                      | 9                               | 17   | 3,480                    |
| Iosco .....          | 19        | 22   | 3,379                    | 12                         | 1,420                    | 7                               | 10   | 1,959                    |
| Iron .....           | 6         | 6  | 7,950                    | 3                          | 6,600                    | 3                               | 3  | 1,350                    |
| Isabella .....       | 14        | 15   | 2,593                    | 11                         | 1,700                    | 3                               | 4  | 893                      |
| Jackson .....        | 27        | 27   | 7,869                    | 16                         | 6,188                    | 11                              | 11   | 1,681                    |
| Kalamazoo .....      | 20        | 20   | 2,560                    | 15                         | (D)                      | 5                               | 5  | (D)                      |
| Kent .....           | 23        | 24   | 1,999                    | 16                         | 1,193                    | 7                               | 8  | 806                      |
| Lake .....           | 2         | 2  | (D)                      | 2                          | (D)                      | -                               | -  | -                        |
| Lapeer .....         | 19        | 19   | 989                      | 5                          | 610                      | 14                              | 14   | 379                      |
| Leelanau .....       | 2         | 2  | (D)                      | -                          | -                        | 2                               | 2  | (D)                      |
| Lenawee .....        | 21        | 21   | 4,745                    | 19                         | (D)                      | 2                               | 2  | (D)                      |
| Livingston .....     | 3         | 3  | 192                      | 3                          | 192                      | -                               | -  | -                        |
| Macomb .....         | 2         | 2  | (D)                      | -                          | -                        | 2                               | 2  | (D)                      |
| Manistee .....       | 9         | 12   | 1,592                    | 3                          | 192                      | 6                               | 9  | 1,400                    |
| Marquette .....      | 1         | 1  | (D)                      | -                          | -                        | 1                               | 1  | (D)                      |
| Mason .....          | 5         | 5  | 163                      | 3                          | (D)                      | 2                               | 2  | (D)                      |
| Mecosta .....        | 17        | 27   | 5,040                    | 4                          | 80                       | 13                              | 23   | 4,980                    |
| Menominee .....      | 17        | 17   | 4,531                    | 7                          | 3,180                    | 10                              | 10   | 1,351                    |
| Midland .....        | 8         | 13   | 2,381                    | 3                          | 861                      | 5                               | 10   | 1,520                    |
| Missaukee .....      | 15        | 15   | 1,636                    | 11                         | 1,316                    | 4                               | 4  | 320                      |
| Monroe .....         | 18        | 18   | 9,361                    | 8                          | (D)                      | 10                              | 10   | (D)                      |
| Montcalm .....       | 26        | 30   | 2,081                    | 7                          | 712                      | 19                              | 23   | 1,369                    |
| Montmorency .....    | 1         | 1  | (D)                      | -                          | -                        | 1                               | 1  | (D)                      |
| Muskegon .....       | 16        | 16   | 130                      | 15                         | (D)                      | 1                               | 1  | (D)                      |
| Newaygo .....        | 22        | 28   | 1,386                    | 5                          | 338                      | 17                              | 23   | 1,048                    |
| Oakland .....        | 14        | 14   | 554                      | 8                          | 224                      | 6                               | 6  | 330                      |
| Oceana .....         | 19        | 20   | 2,375                    | 17                         | (D)                      | 2                               | 3  | (D)                      |
| Ogemaw .....         | 12        | 12   | 5,909                    | 10                         | (D)                      | 2                               | 2  | (D)                      |
| Osceola .....        | 6         | 11   | 3,303                    | 3                          | 246                      | 3                               | 8  | 3,057                    |
| Ottawa .....         | 20        | 20   | 2,660                    | 14                         | 2,220                    | 6                               | 6  | 440                      |
| Presque Isle .....   | 28        | 30   | 2,303                    | 19                         | 1,185                    | 9                               | 11   | 1,118                    |
| Roscommon .....      | 3         | 3  | 75                       | 9                          | 1,020                    | -                               | -  | -                        |
| Saginaw .....        | 38        | 42   | 17,004                   | 24                         | 2,477                    | 14                              | 18   | 14,527                   |
| St. Clair .....      | 7         | 7  | 730                      | 6                          | (D)                      | 1                               | 1  | (D)                      |
| St. Joseph .....     | 12        | 12   | 2,195                    | 9                          | 2,060                    | 3                               | 3  | 135                      |
| Sanilac .....        | 30        | 37   | 6,989                    | 13                         | 4,316                    | 17                              | 24   | 2,673                    |
| Shiawassee .....     | 16        | 17   | 1,745                    | 3                          | 726                      | 13                              | 14   | 1,019                    |
| Tuscola .....        | 17        | 17   | 3,171                    | 14                         | 1,910                    | 3                               | 3  | 1,261                    |
| Van Buren .....      | 40        | 57   | 2,367                    | 10                         | 705                      | 30                              | 47   | 1,662                    |
| Washtenaw .....      | 29        | 33   | 1,904                    | 15                         | 1,192                    | 14                              | 18   | 712                      |
| Wayne .....          | 8         | 11   | 231                      | 3                          | 54                       | 5                               | 8  | 177                      |
| Wexford .....        | 6         | 9  | 1,692                    | 2                          | (D)                      | 4                               | 7  | (D)                      |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 51. Farms by North American Industry Classification System: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Michigan | Alcona     | Alger     | Allegan  | Alpena  | Antrim  | Arenac   |
|--|----------|------------|-----------|----------|---------|---------|----------|
| Total farms .....  | 53,315   | 244        | 67        | 1,489    | 460     | 382     | 381      |
| Oilseed and grain farming (1111) .....   | 13,465   | 12         | 2         | 228      | 44      | 35      | 101      |
| Vegetable and melon farming (1112) .....   | 1,610    | 4          | 1         | 61       | 11      | 15      | 9        |
| Fruit and tree nut farming (1113) .....  | 2,376    | 8          | 3         | 120      | 10      | 61      | 5        |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 3,170    | 19         | 3         | 127      | 19      | 57      | 12       |
| Other crop farming (1119) .....  | 14,259   | 94         | 20        | 382      | 166     | 107     | 173      |
| Tobacco farming (11191) .....  | -        | -          | -         | -        | -       | -       | -        |
| Cotton farming (11192) .....   | -        | -          | -         | -        | -       | -       | -        |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 14,259   | 94         | 20        | 382      | 166     | 107     | 173      |
| Beef cattle ranching and farming (112111) .....                                      | 4,115    | 59         | 7         | 131      | 67      | 24      | 13       |
| Cattle feedlots (112112) .....   | 2,232    | 7          | 2         | 63       | 41      | 13      | 9        |
| Dairy cattle and milk production (11212) .....                                       | 2,489    | 10         | 8         | 88       | 37      | 8       | 21       |
| Hog and pig farming (1122) .....   | 838      | 1          | 2         | 59       | 4       | 2       | 2        |
| Poultry and egg production (1123) .....  | 604      | 2          | 1         | 31       | 10      | 10      | 5        |
| Sheep and goat farming (1124) .....  | 942      | 6          | 2         | 29       | 4       | 10      | 6        |
| Animal aquaculture and other animal production (1125,1129) .....                     | 7,215    | 22         | 16        | 170      | 47      | 40      | 25       |
| Item   | Baraga   | Barry      | Bay       | Benzie   | Berrien | Branch  | Calhoun  |
| Total farms .....  | 63       | 1,063      | 787       | 181      | 1,093   | 1,123   | 1,147    |
| Oilseed and grain farming (1111) .....   | 2        | 192        | 383       | 16       | 236     | 400     | 430      |
| Vegetable and melon farming (1112) .....   | 1        | 13         | 52        | 11       | 83      | 20      | 21       |
| Fruit and tree nut farming (1113) .....  | 3        | 17         | 19        | 35       | 304     | 5       | 10       |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 3        | 27         | 34        | 14       | 116     | 13      | 33       |
| Other crop farming (1119) .....  | 35       | 389        | 170       | 43       | 152     | 361     | 278      |
| Tobacco farming (11191) .....  | -        | -          | -         | -        | -       | -       | -        |
| Cotton farming (11192) .....   | -        | -          | -         | -        | -       | -       | -        |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 35       | 389        | 170       | 43       | 152     | 361     | 278      |
| Beef cattle ranching and farming (112111) .....                                      | 10       | 123        | 27        | 13       | 30      | 105     | 76       |
| Cattle feedlots (112112) .....   | 1        | 61         | 10        | 10       | 14      | 36      | 45       |
| Dairy cattle and milk production (11212) .....                                       | 2        | 36         | 12        | -        | 13      | 33      | 41       |
| Hog and pig farming (1122) .....   | 1        | 11         | 3         | 3        | 17      | 36      | 25       |
| Poultry and egg production (1123) .....  | 1        | 16         | 11        | 2        | 7       | 6       | 8        |
| Sheep and goat farming (1124) .....  | -        | 21         | 3         | 6        | 10      | 21      | 34       |
| Animal aquaculture and other animal production (1125,1129) .....                     | 4        | 157        | 63        | 28       | 111     | 87      | 146      |
| Item   | Cass     | Charlevoix | Cheboygan | Chippewa | Clare   | Clinton | Crawford |
| Total farms .....  | 808      | 299        | 268       | 372      | 414     | 1,179   | 47       |
| Oilseed and grain farming (1111) .....   | 268      | 25         | 5         | 29       | 39      | 480     | -        |
| Vegetable and melon farming (1112) .....   | 16       | 4          | 11        | 5        | -       | 18      | 1        |
| Fruit and tree nut farming (1113) .....  | 16       | 21         | 15        | 3        | 9       | 9       | 3        |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 35       | 19         | 29        | 20       | 13      | 56      | 6        |
| Other crop farming (1119) .....  | 194      | 114        | 95        | 163      | 161     | 286     | 6        |
| Tobacco farming (11191) .....  | -        | -          | -         | -        | -       | -       | -        |
| Cotton farming (11192) .....   | -        | -          | -         | -        | -       | -       | -        |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 194      | 114        | 95        | 163      | 161     | 286     | 6        |
| Beef cattle ranching and farming (112111) .....                                      | 53       | 26         | 46        | 67       | 67      | 76      | 4        |
| Cattle feedlots (112112) .....   | 34       | 22         | 13        | 9        | 21      | 52      | 1        |
| Dairy cattle and milk production (11212) .....                                       | 17       | 9          | 6         | 14       | 34      | 80      | -        |
| Hog and pig farming (1122) .....   | 45       | -          | 2         | 4        | 1       | 15      | -        |
| Poultry and egg production (1123) .....  | 9        | 2          | 6         | 1        | 1       | 10      | 2        |
| Sheep and goat farming (1124) .....  | 16       | 7          | 3         | 4        | 5       | 12      | 1        |
| Animal aquaculture and other animal production (1125,1129) .....                     | 105      | 50         | 37        | 53       | 63      | 85      | 23       |
| Item   | Delta    | Dickinson  | Eaton     | Emmet    | Genesee | Gladwin | Gogebic  |
| Total farms .....  | 273      | 146        | 1,221     | 274      | 1,051   | 534     | 49       |
| Oilseed and grain farming (1111) .....   | 18       | 4          | 416       | 9        | 264     | 83      | -        |
| Vegetable and melon farming (1112) .....   | 19       | 9          | 12        | 15       | 28      | 3       | -        |
| Fruit and tree nut farming (1113) .....  | 10       | 1          | 20        | 8        | 26      | 5       | 1        |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 20       | 20         | 59        | 16       | 70      | 16      | 9        |
| Other crop farming (1119) .....  | 83       | 46         | 294       | 88       | 240     | 210     | 13       |
| Tobacco farming (11191) .....  | -        | -          | -         | -        | -       | -       | -        |
| Cotton farming (11192) .....   | -        | -          | -         | -        | -       | -       | -        |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 83       | 46         | 294       | 88       | 240     | 210     | 13       |
| Beef cattle ranching and farming (112111) .....                                      | 44       | 10         | 109       | 49       | 54      | 64      | 3        |
| Cattle feedlots (112112) .....   | 19       | 8          | 58        | 16       | 38      | 25      | 5        |
| Dairy cattle and milk production (11212) .....                                       | 21       | 11         | 36        | 8        | 12      | 40      | -        |
| Hog and pig farming (1122) .....   | 1        | 7          | 17        | 1        | 20      | 16      | 2        |
| Poultry and egg production (1123) .....  | 6        | -          | 13        | 8        | 13      | -       | 2        |
| Sheep and goat farming (1124) .....  | -        | -          | 17        | 8        | 22      | 9       | -        |
| Animal aquaculture and other animal production (1125,1129) .....                     | 32       | 30         | 170       | 48       | 264     | 63      | 14       |

-continued

**Table 51. Farms by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Grand<br>Traverse | Gratiot  | Hillsdale | Houghton   | Huron    | Ingham    | Ionia    | Iosco    |
|--|-------------------|----------|-----------|------------|----------|-----------|----------|----------|
| Total farms .....  | 489               | 1,018    | 1,509     | 158        | 1,189    | 1,018     | 1,146    | 285      |
| Oilseed and grain farming (1111) .....   | 51                | 453      | 457       | 7          | 433      | 273       | 335      | 30       |
| Vegetable and melon farming (1112) .....   | 9                 | 18       | 5         | 3          | 8        | 17        | 17       | 6        |
| Fruit and tree nut farming (1113) .....  | 149               | 5        | 7         | 21         | 3        | 20        | 14       | 12       |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 46                | 18       | 24        | 10         | 14       | 88        | 31       | 9        |
| Other crop farming (1119) .....  | 116               | 278      | 600       | 48         | 396      | 212       | 316      | 109      |
| Tobacco farming (11191) .....  | -                 | -        | -         | -          | -        | -         | -        | -        |
| Cotton farming (11192) .....   | -                 | -        | -         | -          | -        | -         | -        | -        |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 116               | 278      | 600       | 48         | 396      | 212       | 316      | 109      |
| Beef cattle ranching and farming (112111) .....                                      | 24                | 57       | 92        | 18         | 62       | 81        | 90       | 41       |
| Cattle feedlots (112112) .....   | 16                | 44       | 57        | 5          | 75       | 48        | 85       | 16       |
| Dairy cattle and milk production (11212) .....                                       | 9                 | 52       | 71        | 9          | 117      | 39        | 67       | 20       |
| Hog and pig farming (1122) .....   | 4                 | 18       | 35        | 6          | 18       | 15        | 15       | 4        |
| Poultry and egg production (1123) .....  | 2                 | 11       | 10        | -          | 7        | 12        | 16       | 2        |
| Sheep and goat farming (1124) .....  | 6                 | 14       | 18        | 6          | 7        | 38        | 26       | 9        |
| Animal aquaculture and other animal production (1125,1129) .....                     | 57                | 50       | 133       | 25         | 49       | 175       | 134      | 27       |
| Item   | Iron              | Isabella | Jackson   | Kalamazoo  | Kalkaska | Kent      | Keweenaw | Lake     |
| Total farms .....  | 106               | 953      | 1,265     | 808        | 175      | 1,212     | 11       | 173      |
| Oilseed and grain farming (1111) .....   | 4                 | 286      | 334       | 226        | 11       | 198       | -        | 18       |
| Vegetable and melon farming (1112) .....   | 9                 | 15       | 26        | 17         | 3        | 35        | -        | 1        |
| Fruit and tree nut farming (1113) .....  | 7                 | 5        | 24        | 33         | 1        | 95        | -        | -        |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 8                 | 33       | 59        | 106        | 38       | 92        | 3        | 20       |
| Other crop farming (1119) .....  | 26                | 304      | 333       | 137        | 46       | 302       | 2        | 64       |
| Tobacco farming (11191) .....  | -                 | -        | -         | -          | -        | -         | -        | -        |
| Cotton farming (11192) .....   | -                 | -        | -         | -          | -        | -         | -        | -        |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 26                | 304      | 333       | 137        | 46       | 302       | 2        | 64       |
| Beef cattle ranching and farming (112111) .....                                      | 19                | 85       | 84        | 30         | 17       | 99        | 3        | 19       |
| Cattle feedlots (112112) .....   | 8                 | 61       | 66        | 42         | 12       | 50        | -        | 13       |
| Dairy cattle and milk production (11212) .....                                       | 2                 | 73       | 29        | 16         | 2        | 60        | -        | 4        |
| Hog and pig farming (1122) .....   | -                 | 13       | 10        | 23         | 4        | 8         | -        | 4        |
| Poultry and egg production (1123) .....  | 3                 | 3        | 21        | 9          | -        | 8         | -        | 2        |
| Sheep and goat farming (1124) .....  | 2                 | 9        | 39        | 12         | 1        | 21        | -        | 6        |
| Animal aquaculture and other animal production (1125,1129) .....                     | 18                | 66       | 240       | 157        | 40       | 244       | 3        | 22       |
| Item   | Lapeer            | Leelanau | Lenawee   | Livingston | Luce     | Mackinac  | Macomb   | Manistee |
| Total farms .....  | 1,187             | 429      | 1,446     | 877        | 30       | 76        | 512      | 315      |
| Oilseed and grain farming (1111) .....   | 234               | 30       | 593       | 147        | -        | 1         | 150      | 25       |
| Vegetable and melon farming (1112) .....   | 49                | 8        | 14        | 24         | 2        | 2         | 58       | 13       |
| Fruit and tree nut farming (1113) .....  | 23                | 180      | 33        | 23         | 1        | 1         | 17       | 32       |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 68                | 62       | 24        | 66         | 3        | 5         | 71       | 39       |
| Other crop farming (1119) .....  | 320               | 52       | 443       | 189        | 12       | 30        | 54       | 108      |
| Tobacco farming (11191) .....  | -                 | -        | -         | -          | -        | -         | -        | -        |
| Cotton farming (11192) .....   | -                 | -        | -         | -          | -        | -         | -        | -        |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 320               | 52       | 443       | 189        | 12       | 30        | 54       | 108      |
| Beef cattle ranching and farming (112111) .....                                      | 100               | 13       | 49        | 61         | 6        | 11        | 13       | 35       |
| Cattle feedlots (112112) .....   | 52                | 10       | 36        | 27         | 1        | 3         | 6        | 10       |
| Dairy cattle and milk production (11212) .....                                       | 58                | 9        | 35        | 16         | -        | 6         | 11       | 5        |
| Hog and pig farming (1122) .....   | 11                | 2        | 22        | 17         | -        | 1         | 5        | 3        |
| Poultry and egg production (1123) .....  | 29                | 2        | 26        | 13         | -        | -         | 12       | 3        |
| Sheep and goat farming (1124) .....  | 25                | 7        | 30        | 37         | -        | 3         | 9        | 5        |
| Animal aquaculture and other animal production (1125,1129) .....                     | 218               | 54       | 141       | 257        | 5        | 13        | 106      | 37       |
| Item   | Marquette         | Mason    | Mecosta   | Menominee  | Midland  | Missaukee | Monroe   | Montcalm |
| Total farms .....  | 160               | 478      | 794       | 372        | 510      | 412       | 1,183    | 1,139    |
| Oilseed and grain farming (1111) .....   | 11                | 68       | 104       | 22         | 168      | 27        | 627      | 239      |
| Vegetable and melon farming (1112) .....   | 7                 | 51       | 19        | 3          | 13       | 2         | 49       | 31       |
| Fruit and tree nut farming (1113) .....  | 5                 | 45       | 11        | 7          | 11       | 1         | 27       | 21       |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 11                | 30       | 22        | 57         | 17       | 66        | 79       | 63       |
| Other crop farming (1119) .....  | 38                | 131      | 297       | 97         | 119      | 134       | 115      | 394      |
| Tobacco farming (11191) .....  | -                 | -        | -         | -          | -        | -         | -        | -        |
| Cotton farming (11192) .....   | -                 | -        | -         | -          | -        | -         | -        | -        |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 38                | 131      | 297       | 97         | 119      | 134       | 115      | 394      |
| Beef cattle ranching and farming (112111) .....                                      | 20                | 28       | 115       | 45         | 41       | 35        | 45       | 90       |
| Cattle feedlots (112112) .....   | 7                 | 17       | 33        | 17         | 16       | 19        | 26       | 54       |
| Dairy cattle and milk production (11212) .....                                       | 5                 | 26       | 89        | 70         | 10       | 73        | 6        | 92       |
| Hog and pig farming (1122) .....   | 2                 | 4        | 17        | 4          | 13       | 4         | 13       | 18       |
| Poultry and egg production (1123) .....  | 4                 | 5        | 3         | 3          | 6        | 5         | 13       | 3        |
| Sheep and goat farming (1124) .....  | 6                 | 12       | 7         | 6          | 10       | 9         | 28       | 8        |
| Animal aquaculture and other animal production (1125,1129) .....                     | 44                | 61       | 77        | 41         | 86       | 37        | 155      | 126      |

-continued

**Table 51. Farms by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Montmorency | Muskegon    | Newaygo    | Oakland      | Oceana    | Ogemaw    | Ontonagon | Osceola    |
|--|-------------|-------------|------------|--------------|-----------|-----------|-----------|------------|
| Total farms .....  | 139         | 545         | 902        | 643          | 648       | 256       | 108       | 591        |
| Oilseed and grain farming (1111) .....   | 11          | 60          | 128        | 36           | 65        | 29        | 7         | 25         |
| Vegetable and melon farming (1112) .....   | 2           | 24          | 33         | 22           | 132       | 3         | 1         | 4          |
| Fruit and tree nut farming (1113) .....  | 2           | 37          | 31         | 17           | 87        | 3         | 7         | 2          |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 6           | 43          | 41         | 97           | 36        | 5         | -         | 49         |
| Other crop farming (1119) .....  | 43          | 126         | 270        | 112          | 148       | 81        | 48        | 225        |
| Tobacco farming (11191) .....  | -           | -           | -          | -            | -         | -         | -         | -          |
| Cotton farming (11192) .....   | -           | -           | -          | -            | -         | -         | -         | -          |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 43          | 126         | 270        | 112          | 148       | 81        | 48        | 225        |
| Beef cattle ranching and farming (112111) .....                                      | 31          | 41          | 95         | 28           | 35        | 48        | 16        | 116        |
| Cattle feedlots (112112) .....   | 12          | 23          | 46         | 14           | 23        | 18        | 4         | 38         |
| Dairy cattle and milk production (11212) .....                                       | 8           | 27          | 83         | 3            | 25        | 35        | 9         | 53         |
| Hog and pig farming (1122) .....   | 3           | 7           | 11         | 2            | 6         | 7         | 2         | 6          |
| Poultry and egg production (1123) .....  | -           | 10          | 5          | 11           | 6         | 2         | 2         | 8          |
| Sheep and goat farming (1124) .....  | -           | 8           | 21         | 29           | 5         | 5         | 2         | 21         |
| Animal aquaculture and other animal production (1125,1129) .....                     | 21          | 139         | 138        | 272          | 80        | 20        | 10        | 44         |
| Item   | Oscoda      | Otsego      | Ottawa     | Presque Isle | Roscommon | Saginaw   | St. Clair | St. Joseph |
| Total farms .....  | 123         | 170         | 1,291      | 303          | 46        | 1,359     | 1,260     | 907        |
| Oilseed and grain farming (1111) .....   | 5           | 16          | 178        | 46           | 3         | 732       | 403       | 322        |
| Vegetable and melon farming (1112) .....   | 1           | 11          | 75         | 23           | 40        | 33        | 35        | 35         |
| Fruit and tree nut farming (1113) .....  | 3           | 4           | 148        | 6            | 1         | 24        | 24        | 8          |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 1           | 14          | 196        | 9            | 4         | 70        | 68        | 27         |
| Other crop farming (1119) .....  | 31          | 61          | 183        | 113          | 16        | 259       | 302       | 233        |
| Tobacco farming (11191) .....  | -           | -           | -          | -            | -         | -         | -         | -          |
| Cotton farming (11192) .....   | -           | -           | -          | -            | -         | -         | -         | -          |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 31          | 61          | 183        | 113          | 16        | 259       | 302       | 233        |
| Beef cattle ranching and farming (112111) .....                                      | 13          | 17          | 114        | 51           | 6         | 35        | 86        | 52         |
| Cattle feedlots (112112) .....   | 13          | 5           | 80         | 14           | 2         | 27        | 55        | 38         |
| Dairy cattle and milk production (11212) .....                                       | 25          | 4           | 75         | 12           | -         | 32        | 33        | 26         |
| Hog and pig farming (1122) .....   | -           | 2           | 33         | 1            | -         | 14        | 15        | 25         |
| Poultry and egg production (1123) .....  | 5           | -           | 25         | -            | -         | 7         | 14        | 13         |
| Sheep and goat farming (1124) .....  | 1           | 3           | 16         | 3            | -         | 10        | 14        | 20         |
| Animal aquaculture and other animal production (1125,1129) .....                     | 25          | 33          | 168        | 25           | 14        | 109       | 213       | 108        |
| Item   | Sanilac     | Schoolcraft | Shiawassee | Tuscola      | Van Buren | Washtenaw | Wayne     | Wexford    |
| Total farms .....  | 1,595       | 51          | 1,037      | 1,292        | 1,160     | 1,325     | 319       | 395        |
| Oilseed and grain farming (1111) .....   | 536         | 2           | 491        | 490          | 171       | 336       | 50        | 40         |
| Vegetable and melon farming (1112) .....   | 15          | 3           | 10         | 31           | 54        | 44        | 30        | 7          |
| Fruit and tree nut farming (1113) .....  | 17          | 2           | 9          | 9            | 314       | 32        | 4         | 4          |
| Greenhouse, nursery, and floriculture production (1114) .....                        | 30          | 1           | 20         | 26           | 84        | 88        | 54        | 54         |
| Other crop farming (1119) .....  | 483         | 14          | 218        | 387          | 254       | 293       | 40        | 134        |
| Tobacco farming (11191) .....  | -           | -           | -          | -            | -         | -         | -         | -          |
| Cotton farming (11192) .....   | -           | -           | -          | -            | -         | -         | -         | -          |
| Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) ..... | 483         | 14          | 218        | 387          | 254       | 293       | 40        | 134        |
| Beef cattle ranching and farming (112111) .....                                      | 127         | 9           | 41         | 76           | 80        | 73        | 10        | 30         |
| Cattle feedlots (112112) .....   | 68          | 5           | 38         | 61           | 26        | 44        | 1         | 12         |
| Dairy cattle and milk production (11212) .....                                       | 198         | 2           | 38         | 51           | 21        | 33        | -         | 18         |
| Hog and pig farming (1122) .....   | 13          | -           | 17         | 21           | 16        | 14        | 4         | 9          |
| Poultry and egg production (1123) .....  | 9           | 3           | 14         | 15           | 14        | 19        | 4         | 2          |
| Sheep and goat farming (1124) .....  | 5           | 2           | 37         | 11           | 16        | 36        | -         | 5          |
| Animal aquaculture and other animal production (1125,1129) .....                     | 94          | 8           | 104        | 114          | 110       | 313       | 122       | 80         |

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# **Appendix A.**

## **General Explanation**

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### **DATA COLLECTION**

#### **Mail List**

The National Agricultural Statistics Service (NASS) maintains a list of farmers and ranchers from which the census mail list (CML) was compiled. In 2000, NASS began an intensive push to increase list coverage in preparation for the census. Sources included state and federal government lists, producer association lists, seed grower lists, pesticide applicator lists, veterinarian lists, marketing association lists, and special commodity lists. The goal was to build as complete a list as possible of agricultural places that produce and sell, or would normally sell, \$1,000 or more of agricultural products. Additional detail regarding the 2002 census mail list is provided in Appendix C.

#### **Method of Enumeration**

Mailout and mailback methodology was the primary data collection method. It was supplemented with followups by telephone and personal enumeration. The enumeration methods used in the 2002 census were similar to those used in the 1997 census.

#### **Report Forms**

Two report form types - nonsample and sample - were used to collect census information. Nonsample forms consisted of 19 sections that collected basic information (acreage and land use, crops, livestock and poultry raised, grain storage capacity, production contracts and custom feeding, value of sales, Commodity Credit Corporation (CCC) loans, federal farm program payments, income from farm-related sources, and organizational and operator characteristics). Sample forms contained the same 19 sections on the nonsample forms plus an additional 5 sections that covered production expenses, fertilizer

and chemical applications, machinery and equipment used, market value of land and buildings, and farm labor. The sample form collected sufficient data to make reliable estimates for these additional topics and yet reduce total respondent burden. A sample form was mailed to approximately 569,000 addresses on the CML and a nonsample form was mailed to 2.23 million addresses.

Twelve regional versions of the nonsample form and 13 regional versions of the sample form were used. Region 13, Alaska, did not have a nonsample form version. Each regional version prelisted major crops of significance to the respective region.

#### **Report Form Mailings and Respondent Followup**

Mailout packet preparation, initial mailout, both followup mailings, and receipt and check-in of returned report forms were handled by the Census Bureau's National Processing Center (NPC) in Jeffersonville, IN. NASS statisticians on site at NPC provided technical guidance and monitored NPC processing activities.

The initial mailout took place during the middle of December 2002. Approximately 2.8 million packets were mailed. Each packet contained a cover letter, instruction sheet, a labeled report form, and a return envelope.

There were two followup mailings to nonrespondents. The first followup was mailed mid-February 2003 and involved about 1.4 million nonrespondents. A second followup mailout occurred in late March 2003 and involved approximately 650,000 nonrespondents.

Prior to the initial mailout, NASS's field offices selected (tagged) approximately 30,000 respondents for personal enumeration rather than mailout and

mailback enumeration. Report forms were labeled at NPC and shipped to the field offices for enumeration. These respondents were excluded from the initial and both followup mailings. Once enumerated, the records were sent to NPC for check-in and data capture.

Operating concurrently with NPC's data collection efforts, the field offices targeted select groups of census nonrespondents to receive additional enumeration efforts because of their statistical influence. These efforts were referred to as Advanced Followup, Must Followup, Low-Response County Followup, and Last Call.

Advanced Followup was conducted between February 2003 and April 2003 and focused on three groups of nonrespondents. The groups consisted of 1) respondents thought to be least likely to respond to the census; 2) respondents thought to be easy and quick interviews; and 3) those for which NASS was uncertain of their true farm status. The field offices carried out all phases of these activities for their respective respondents. Computer-Assisted Telephone Interviewing (CATI) and face-to-face interviewing were used to collect the data.

Must Followup was a very important component in ensuring a complete census. Must cases are large operations, the absence of which could significantly affect the accuracy of census results. Approximately 122,000 respondents were identified as Must cases. Each Must operation was enumerated, or if no longer in operation, their non-farm status verified and documented. The field offices were responsible for enumerating or resolving all Must cases in their area. CATI calling of nonrespondent Must cases was conducted between March 2003 and June 2003. Extensive effort was made to contact and enumerate these operations.

Low-Response County Followup was conducted by the field offices, as needed, to increase the response rate in all counties to at least 75-percent. CATI was used for this followup activity. Followup activities began mid-April 2003 and continued until all counties reached a 75-percent response rate.

Last Call Followup was used to increase the overall U.S. response rate and was conducted via CATI. This activity was conducted if a state's response rate was

less than the 1997 response rate at the completion of the Low-response County Followup. Implementation of this activity varied by field office. This followup activity, if needed, began in early April 2003 and continued through mid-July 2003. Last Call nonrespondents were contacted by enumerators in the respective field offices or by an analyst in one of the NASS Telephone Calling Centers.

## **DATA CAPTURE**

Data capture activities associated with the 2002 census were very different from those employed during the 1997 census. For 1997, data were captured using data entry clerks who keyed data from the report forms at the Census Bureau's National Processing Center (NPC). Data capture for the 2002 census consisted of scanning the report forms and capturing the data directly from the scanned images utilizing Automated Data Capture. Automated Data Capture consists of Optical Character Recognition (OCR), Intelligent Character Recognition (ICR), and Optical Mark Recognition (OMR). Utilizing this method of data capture allowed the images of the report forms to be available to the field offices for use in subsequent processing and analysis steps.

Data capture was supplemented by the field offices' use of CATI software to collect data for certain groups of nonrespondents. CATI data were electronically captured and submitted for processing via NASS's Local Area Network. In addition, each field office used existing Blaise Data Capture software, modified for the content of the report forms, to key data.

## **DATA PROCESSING**

Data processing involved checking and editing data for consistency and reasonableness, reviewing the tabulated data, and the application of disclosure analysis to ensure that the tabulated data did not violate census confidentiality requirements.

Captured data and report form images from the scanning operation at NPC were loaded to the census database at NASS. Respondent data were edited using a computerized edit based on detailed editing specifications designed to minimize the number of records that needed manual intervention. Each respondent record was edited by the complex edit

based on data in the database and subjected to a detailed item-by-item review. The edit performed comprehensive checks for consistency and reasonableness, and corrected erroneous or inconsistent data. The edit process included an Analysis System comprised of a set of tools that included mechanisms for identification and grouping of problem records and a means for manual correction of those records.

Final data review occurred after record-level data were error free and final weighting (nonresponse, sample, and coverage) was applied. The field offices conducted the final data review process. It involved a systematic, item-by-item review of each value to be published at the county and state level. A national-level review was undertaken concurrently by Headquarters staff.

After final data review was completed, disclosure analysis programs were run. Suppressed values were reviewed by the field offices and Headquarters staff prior to releasing the data to the public.

## **DATA COLLECTION OUTREACH AND PROMOTIONAL EFFORTS**

Promotional and outreach programs were primarily handled by each of the 46 NASS field offices. NASS Headquarters staff conducted the national effort through the national headquarters of various USDA agencies, farm organizations, agriculture associations, and others and prepared materials the field offices could customize to meet their target audiences.

The field offices worked with the commissioners of agriculture, governors, and other officials to obtain verbal support of the census in their speeches and public appearances and through their written communications to their constituencies. To improve the coverage of minorities, field offices made special promotional efforts through American Indian tribal leaders, limited-resource farm organizations, and women's associations.

Census promotion and publicity activities encouraged complete participation in the census and also urged anyone who was involved in agriculture to call the toll-free number and request a report form if they did not receive one in the mail.

## **DATA CHANGES**

Prior to each agriculture census, the content of the report forms and publication tables is reviewed to eliminate items no longer needed, identify necessary new items, and modify existing items to better describe the agricultural situation in the Nation. Data requests are solicited from farm organizations, land-grant universities, state and Federal agencies, State departments of agriculture, agribusinesses, the Advisory Committee on Agriculture Statistics, and others. Each data user is asked to identify and justify his/her specific data needs. As a result of this process, changes were made to several areas of the 2002 report form.

### **Crop Data Changes**

Deleted items include:

- Acres irrigated for individual vegetables and berries.
- Production (quantity) of individual fruits, nuts, and berries.
- Number of bearing and nonbearing age trees or vines.

Added items include:

- Acres covered under a Federal or other crop insurance policy.
- Acres used to raise certified organically produced crops.
- Acres of short-rotation woody crops in production and harvested.
- Gallons of maple syrup produced.
- Acres of individual vegetables harvested for processing.
- Grain storage capacity.

Items listed separately on the 2002 report form that were reported in conjunction with similar crop items on the 1997 report form include:

- Upland cotton and Pima cotton replaced total cotton.
- Peppermint and Spearmint replaced total Mint for oil.
- Sunflower seed - oil varieties and Sunflower seed - non-oil varieties replaced Total Sunflower seed.
- Haylage or greenchop from alfalfa or alfalfa mixtures and All other haylage, grass silage, and greenchop replaced Grass silage, haylage, and greenchop.
- Vegetable seeds and Flower seeds replaced Vegetable and flower seeds.
- Aquatic plants were listed separately and are no longer included in Other nursery and greenhouse items.
- Lettuce and romaine were listed separately as Head lettuce, Leaf lettuce, and Romaine lettuce
- Acres of individual fruits, nuts, and vines were collected by total, bearing, and nonbearing acres but the number of bearing and nonbearing trees is no longer collected.
- Oranges were divided into Valencia oranges and Other oranges, including Navel.
- Loganberries were listed separately and are no longer included in Other berries.

Items combined with another item(s) on the 2002 report form that were reported individually on the 1997 report form include:

- Sorghum cut for dry forage or hay was included with Other field and forage crops.
- Sorghum hogged or grazed was included with Other field and forage crops.
- Grapes replaced Grapes, dry weight and Grapes, fresh weight.

## **Livestock and Poultry Data Changes**

Deleted items include:

- Litters of hogs farrowed.
- Separate data for number of feeder pigs sold.
- Incubator egg capacity.
- Number of sheep and lambs shorn.
- Gallons of goat milk sold.

Added items include:

- Type of hog and pig operation, i.e. farrow to wean, farrow to feeder, etc.
- Type of hog and pig producer, i.e. independent grower, contractor or integrator, contract grower (contractee).
- Inventory of Cattle on feed.

Items listed individually in the 2002 report form that were reported in conjunction with similar livestock or poultry items on the 1997 report form include:

- Emus and Ostriches were listed as separate items and are no longer reported as Other poultry.
- Llama, Bison, Deer, and Elk were listed as separate items and are no longer reported as Other livestock and livestock products.
- Other food fish, Baitfish, Crustaceans, Mollusks, Ornamental fish, and Sport or game fish were listed as separate items and are no longer reported as Other fish or Other aquaculture products.

Items combined with another item(s) on the 2002 report form that were reported individually on the 1997 report form include:

- Number of heifers and heifer calves and number of Steers, steer calves, bulls, and bull calves were combined into one category called Other Cattle.
- Pullets 13 weeks old to 19 weeks old and Pullet

chicks and pullets less than 13 weeks old were combined into one category called Pullets for laying flock replacement.

- Turkeys for slaughter and Turkey hens kept for breeding were combined into one category called Turkeys.
- Number of farms with Goat milk sold was included with Other livestock products.
- Number or pounds of crawfish sold was included in crustaceans.
- Number or pounds of hybrid-striped bass sold was included with Other food fish.

## **Economic, Land Use, and Operator Characteristics Data Changes**

Deleted items include:

- Use and type of grazing permit.
- Gross value of sales for cattle fattened on grain or concentrates.
- Gross value of sales for feeder pigs.
- Gross value of sales for individual nursery and greenhouse items.
- Separate data for commercially mixed formula feed expenditures.
- Number of motortrucks and number of mower conditioners.
- Farm-related injuries and deaths.

Added items include:

- Number of self-propelled forage harvesters.
- Question that identifies hired or contract workers as migrant workers.
- Production contracts, including units of the commodity raised and delivered and payments received from the contractor.

- Information on which input items contractors provided (feeder livestock and poultry, feed, fertilizer and lime, chemicals, supplies, fuels, utilities, veterinary services, breeding livestock, and seed). However, tabulations of these individual items were not published. They were used in the calculation of Net cash farm income.
- Value of certified organically produced commodities.
- Money received for participation in other Federal farm programs. On the 1997 report form, this information was derivable by subtraction from other information provided by respondents.
- Questions relating to use of American Indian Reservation land for production of crops and livestock, e.g. total acres used, acres of cropland harvested, and percent of operation's livestock on the reservation. These questions only appeared on the regions 8 and 10 report forms and data are tabulated in the 2002 Census of Agriculture Specialty Products, Part 1, American Indian Reservations - Montana, North Dakota, and South Dakota Pilot Project.
- Total number of all operators on the operation.
- Total number of women operators on the operation.
- Demographic items for up to three operators per farm.
- Number of persons living in the operators' households.
- Percent of principal operator's total household income from the agricultural operation.
- Number of households sharing in the net farm income derived from the operation.
- Questions about computer use and Internet access.
- Questions to identify whether the principal operator is a hired manager.

Items listed individually on the 2002 report form that

were reported in conjunction with similar items on the 1997 report form include:

- Patronage dividends were collected separately from Other farm-related income.
- Production expenses for Livestock and poultry purchased were divided into Breeding livestock, regardless of age, and All other livestock and poultry purchased.
- Partnerships were asked to report whether they were registered under state law.
- Asian or Pacific Islander was broken into two separate categories.

Items combined with another item(s) on the 2002 report form that were reported individually on the 1997 report form include:

- Cropland idle or used for cover crops or soil-improvement, but not harvested and not pastured or grazed combined Cropland idle and Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.
- Gross value of sales of several items were combined. These include:
  - ▶ Individual grains (e.g. corn, rice, wheat, etc.), dry beans and peas, flaxseed, popcorn, safflower, sunflower seed, and rye were combined into one category called Grains, oilseeds, dry beans, and dry peas.
  - ▶ Hay, silage, field seeds, and grass seeds (excluding grain silage and forage) were combined with Other crops to form a value of sales category called Other Crops and Hay.
  - ▶ Individual nursery and greenhouse items were combined into one category called Nursery, floriculture, and sod.
  - ▶ Sales of cut Christmas trees was combined with value of short-rotation woody crops. Cut Christmas trees was a separate nursery sale item and short-rotation woody crops was collected in Other nursery crops in 1997.

- ▶ Calves weighing less than 500 pounds sold and Cattle including calves weighing 500 pounds or more sold were combined into one category called Cattle and calves sold.
- ▶ Angora goats and mohair, Milk goats and their milk, Other goats, and Sheep, lambs, and wool sold were combined into one category called Sheep, goats, and their products sold.
- ▶ Horses and ponies of all ages sold and Mules, burros, and donkeys sold were combined into one category called Horses, ponies, mules, burros, and donkeys.
- ▶ Colonies of bees and honey, Mink and their pelts, and Rabbits and their pelts sold were combined into one category called Other animals and other animal products sold.
- Dollars received from Government CCC loans by individual commodity (corn, wheat, sorghum, canola, rice, etc.) were combined into one category called Total amount received in 2002 from Government CCC loans for all crops.
- Production expenses for Gasoline and gasohol, Diesel fuel, Natural gas, and LP gas, fuel oil, kerosene, motor oil, grease, etc. were merged into one category called Gasoline, fuels, and oils purchased for the farm business.

## DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a detailed description of specific terms and phrases used in this publication. Items in the publication tables which carry the note "See text" also are explained. For an exact wording of the questions on the 2002 report forms and the information sheet which accompanied these forms, see Appendix D. Many of the definitions and explanations are the same as those used in earlier censuses.

**Acres and quantity harvested.** Crops were reported in whole acres, except for the following crops that were reported in tenths of acres: potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, nursery and greenhouse crops in the open; in Hawaii, taro, ginger

root, and lotus root; and in Wisconsin and Michigan, ginseng. Totals for crops reported in tenths of acres were rounded to whole acres at the aggregate level during the tabulation process. Nursery and greenhouse crops grown under glass or other protection were reported in square feet and are published in square feet.

If two or more crops were harvested from the same land during the year, the acres were counted for each crop. Therefore, the total acres of all crops harvested generally exceeded the acres of cropland harvested. An exception to this procedure was hay crops.

When more than one cutting of hay was taken from the same acres, the acres were counted only once but the quantity harvested included all cuttings. Acreage cut for both dry hay and haylage, silage, or greenchop was reported for each crop. For interplanted crops or "skip-row" crops, acres were reported according to the portion of the field occupied by each crop. If a crop was interplanted in an orchard or vineyard and harvested, then the entire orchard or vineyard acreage was reported under the appropriate fruit crop and the interplanted estimated crop acreage was reported under the appropriate crop.

If a crop was planted but not harvested, the acres were not reported as harvested. These acres were reported in the "land" section on the report form under the appropriate cropland items – cropland used only for pasture or grazing, cropland on which all crops failed or were abandoned, cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed, or cropland in cultivated summer fallow. This does not include fruit and nut orchards and vineyards that were not harvested. All land in orchards was reported as cropland harvested.

Crops that were only hogged or grazed, were reported as "cropland used only for pasture or grazing." Crop residue left in fields after harvest and later hogged or grazed was not reported as cropland used only for pasture or grazing, but reported as cropland harvested.

Quantity harvested was not obtained in 2002 for crops such as fruits and nuts, berries, vegetables and melons, and nursery and greenhouse crops.

Acres of land in bearing and nonbearing fruit orchards,

citrus or other groves, vineyards, and nut trees were reported as harvested cropland, regardless of whether the crop was harvested or failed. Abandoned orchards were reported as cropland idle, not as harvested cropland, and the individual abandoned orchard crop acres were not reported.

**Age of operator.** See Operator characteristics; Farms by age and primary occupation of operator.

**All (multiple) operators.** See Operators, all (multiple).

**American Indian and Alaska Native farm operators, total.** This category was previously labeled American Indian farm operators, however, Alaska Native operators were counted in this category as well. Data are reported in Table A of Appendix B. Unlike the race data reported in Chapter 1, Table 52 and Chapter 2, Table 43, these data include all operators who selected the American Indian or Alaska Native race category on the report form, regardless of whether they also checked another race category. The data also include the number of operators who did not report individually, but were counted on a supplemental report form from American Indian reservations.

**Aquaculture.** The number and pounds sold and value of sales include aquaculture items sold or moved by commercial farms and by state and Federal hatcheries. These hatcheries primarily distribute fish for restoration, conservation, and recreational purposes and receive no payment. Values based on sales of farm-raised fish were assigned to distributed fish. The methodology used to collect and tabulate the information for the 2002 census was unchanged from 1997. However, the coverage of state and Federal fish hatcheries improved in 2002, so a direct comparison of data between 1997 and 2002 may not be possible.

**Baitfish.** This is a new category for 2002. These are fish used for bait. Examples include chubs, fathead minnows and other types of minnows, feeder goldfish, golden shiners, killifish, and suckers.

**Bees.** See Colonies of bees and honey.

**Canola.** This is the total of canola (edible rapeseed) and industrial rapeseed. In 1997 this category was

referred to as “Canola and other rapeseed.” This is only a wording change; all data are comparable.

**Cattle on feed (COF) inventory.** This is a new item for the 2002 census. In the 1997 census, cattle on feed was only reported as a sales item, not an inventory item. COF is defined as cattle and calves being fed a grain or concentrate ration (for the slaughter market) which is expected to produce a carcass that will grade select or better.

**Certified organically produced commodities.** See Value of certified organically produced commodities.

**Chemicals.** For each type of chemical used, the acres treated were reported only once even if the acres were fertilized or treated more than once. If multi-purpose chemicals were used, the acres treated for each purpose were reported. See Total farm production expenses; *Chemicals*.

**Cherries.** In the 2002 census, cherries were reported as either Sweet cherries or Tart cherries. Combined crops or non-specified cherry acres were not options for the respondent. Total acres were reported by crop, and the total acreage classified into bearing acres and nonbearing acres on the operation. Production, yield, irrigated acres by crop, and tree numbers were not collected. In the 1997 census, cherries were reported as sweet cherries, tart cherries, or nonspecific cherries depending on the region.

**Christmas trees, cut.** Data are for acres of Christmas trees - cut or to be cut - in production and number of trees cut. They were reported as woodland crops. In the 1997 census, cut Christmas trees were reported as a nursery and greenhouse crop. Data are not comparable.

**Christmas trees, live.** Data were reported as nursery stock and are Christmas trees sold live from the operation.

**Citrus enumeration.** Reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been conducted since 1969 because of the difficulty identifying and enumerating absentee grove owners

who often do not know the information that is needed to adequately complete the report form.

Two significant changes were implemented in the 2002 Citrus Caretakers Survey. First, enumeration activities were completed after harvest to facilitate the accuracy of reported data. Second, grove owners were counted as operators for farm count purposes. Citrus caretakers were perceived as performing an agricultural service for grove owners and were not considered agricultural operators if they provided only services to grove owners. Caretakers were counted as agricultural operators if they managed land owned by the grove care company in addition to providing services for grove owners. Data provided by caretakers were prorated to owners based on acreage and were transcribed onto the respective owner's census report form.

In the 2002 census, 12 caretakers in Arizona reported 78 grove owners having 12,500 acres of citrus, 135 caretakers in Florida reported 2,400 grove owners having 232,000 acres of citrus, and 14 caretakers in Texas reported 351 grove owners having 14,500 acres of citrus.

**Coffee.** Data were collected only in Hawaii. In the 2002 census, data for total acres, bearing acres, and nonbearing acres were collected. Quantity produced was not collected. In the 1997 census, data included total acres, number of bearing trees, number of nonbearing trees, and pounds harvested.

**Colonies of bees and honey.** In the 2002 census, colonies of bees were tabulated in the county where the owner of the colonies largest value of agricultural products was raised or produced. In the 1997 census, colonies were tabulated in the county where the colonies were located. Colonies are often moved from farm to farm over a wide geographic area. Package bees are not included as separate colonies.

**Commodities raised and delivered under production contract.** A production contract is an agreement between a grower and a contractor that specifies the grower will raise an agricultural commodity and the contractor (integrator) will provide certain inputs such as feed, fertilizer, etc. The grower receives a payment or fee from the contractor, generally after delivery, which is usually less than the

full market price of the commodity. The contractor takes possession of the raised commodity at the end of the growing period. Marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price are not considered production contracts. Commodities sold to a co-op where some of the input items were purchased from the same co-op at a discount price were also excluded. Many operations produce only under production contracts or only independently. Some hog operations may produce hogs under production contract and also produce hogs that they sell independently. In the hogs tables, these farms and their inventories are shown under both categories.

**Commodity Credit Corporation loans.** This category includes nonrecourse marketing loans for wheat, corn, grain sorghum, barley, oats, cotton, rice, soybeans, graded wool, non-graded wool, mohair, honey, dry peas, lentils, small chickpeas, sunflower seed, flaxseed, canola, rapeseed, safflower seed, mustard seed, crambe and sesame. These commodities differ from those included in the 1997 census due to changes created by the 2002 Farm Bill.

**Conservation Reserve Programs or Wetlands Reserve Programs.** See Land enrolled in the Conservation Reserve Programs (CRP) or Wetlands Reserve Programs (WRP).

**Crop units of measure - field crops.** The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in units different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

**Crop year or season covered.** Acres and quantity harvested are for the calendar year 2002 except for citrus crops and sugarcane for sugar in Florida and Texas; avocados in Florida and California; olives in California; and pineapples in Hawaii.

1) *Avocados.* The data for Florida relate to the quantity in the April 2002 through March 2003 harvest season; and for California, the November 2001 through November 2002 harvest season.

2) *Citrus crops.* The data for Florida and Texas relate

to the quantity harvested in the September 2001 through August 2002 harvest season, except limes in Florida that were harvested in the April 2002 through March 2003 harvest season. The data for California and Arizona relate to the 2001 through 2002 harvest season.

3) *Olives.* The data for California relate to the September 2001 through March 2002 harvest season.

4) *Pineapples.* The data for Hawaii relate to the quantity harvested in the year ending May 31, 2002.

5) *Sugarcane for sugar.* The data for Florida relate to the cuttings from November 2001 through April 2002; and for Texas, the cuttings from October 2001 through April 2002.

**Cropland, harvested.** See Harvested cropland.

**Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed.** This is a new category for 2002. Cropland idle and cropland used for cover crops or soil improvement but not harvested and not grazed were two separate categories in the 1997 census.

**Cropland, irrigated.** See Irrigated land.

**Cropland, other.** See Other cropland.

**Cropland, total.** See Total cropland.

**Cropland used only for pasture or grazing.** This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Also included were acres of crops hogged or grazed but not harvested prior to grazing. However, cropland that was pastured before or after crops were harvested was included as harvested cropland rather than cropland for pasture or grazing.

**Crustaceans.** These are invertebrate animals with many jointed legs and a hard external shell. Examples include crawfish, prawns, shrimp, and softshell crabs. This is a new category for 2002.

**Customwork income.** See Total income from farm-related sources, gross before taxes and expenses - *Customwork and other agricultural services.*

**Customwork and custom hauling.** See Total farm production expenses - *Customwork and custom hauling*.

**Cut Christmas trees.** See Christmas trees, cut.

**Data are based on sample of farms.** For censuses since 1978, selected data items were collected from only a sample of farms. These data are subject to sampling error. For the 2002 census, the sample report form was distributed to approximately 21-percent of all farms, including all large and specialized farms (based on expected sales or acres) and all farms in Alaska and Rhode Island. Sections 17 through 21 of the sample report form included questions on production expenses, fertilizer and chemical applications, machinery and equipment, market value of land and buildings, and farm labor.

**Depreciation expenses claimed.** This is a new item for 2002. The calculation of total farm production expenses does not include depreciation because it is a capital expense. Depreciation allows the expensing of capital purchases over multiple years. It is not included in the calculation of Net cash farm income of the operation and operator.

**Expenses.** See Total farm production expenses.

**Farms by age and primary occupation of operator.**

Data on age and primary occupation were obtained from up to three operators per farm in 2002. The primary occupation classifications used were:

- *Farming.* The operator spent 50-percent or more of his/her worktime during 2002 at farming or ranching.
- *Other.* The operator spent more than 50-percent of his/her worktime during 2002 at occupations other than farming or ranching. Also, operators who spent the majority of their worktime working for another agricultural operation for wages were included in this classification.

The proportion of principal operators claiming "Farming or ranching" as their primary occupation in 2002 increased significantly since 1997. While there were demographic changes that support this increase, there is a concern that a 2002 report form design

change may have also contributed to it. To reduce wording, the definition of "primary occupation" was not printed on the 2002 report form. It was presumed to be self-explanatory. Some respondents may have checked the "yes" box by Farm or ranch operator without understanding that it meant they were reporting their primary occupation.

Changes in the average age of the farm operator tend to support the increase in the farming occupation proportion. When compared with 1997 results, the average age of farmers increased significantly in 2002.

Older operators may be "retired" (with little if any sales) and still report farming as their primary occupation since they often have limited opportunity for off-farm jobs.

**Farms by combined government payments and market value of agricultural products sold.** This category represents the value of products sold plus Government payments. Total value of products sold combines total sales not under production contract and total sales under production contract. Government payments consist of government payments received from the Conservation Reserve Programs (CRP) and Wetlands Reserve Programs (WRP) plus government payments received from federal programs other than the CRP, WRP, and Commodity Credit Corporation loans. See Total market value of agricultural products sold and government payments.

**Farms by economic class of farm.** This is a new term for 2002. It is a combination of the market value of agricultural products sold and federal farm program payments. In the 1997 census, comparable data were published under the heading Combined government payments and market value of agricultural products sold. See Total market value of agricultural products sold and government payments.

**Farms by North American Industry Classification System (NAICS).** The NAICS classifies economic activities. It was jointly developed by Mexico, Canada, and the U.S. NAICS makes it possible to produce comparable industrial statistics for Mexico, Canada, and the U.S. For the 2002 census, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity or activities using the NAICS code. The 2002 census is the second census to use NAICS. Censuses

prior to the 1997 census used the old Standard Industrial Classification (SIC) system to classify farms.

NAICS was developed to provide a consistent framework for the collection, analysis, and dissemination of industrial statistics used by government policy analysts, academia and researchers, the business community, and the public. It is the first industry classification system that was developed in accordance with a single principle of aggregation that production units using similar production processes should be grouped together. Though NAICS differs from other industry classification systems, statistics compiled on NAICS are comparable with statistics compiled according to the latest revision of the United Nations' International Standard Industrial Classification (ISIC, Revision 3) for some sixty high level groupings. Following are explanations of the major classifications used in 2002.

*Oilseed and grain farming (1111).* Comprises establishments primarily engaged in (1) growing oilseed and/or grain crops and/or (2) producing oilseed and grain seeds. These crops have an annual life cycle and are typically grown in open fields. This category includes corn silage and grain silage. In the 2002 census, government-payment only farms were classified as "All other crop farming" (11199). In the 1997 census, government-payment only farms were coded as "All other grain farming" (11119).

*Vegetable and melon farming (1112).* Comprises establishments primarily engaged in one or more of the following: (1) growing vegetables and/or melon crops, (2) producing vegetable and melon seeds, and (3) growing vegetable and/or melon bedding plants.

*Fruit and tree nut farming (1113).* Comprises establishments primarily engaged in growing fruit and/or tree nut crops. These crops are generally not grown from seeds and have a perennial life cycle.

*Greenhouse, nursery, and floriculture production (1114).* Comprises establishments primarily engaged in growing crops of any kind under cover and/or growing nursery stock and flowers. "Under cover" is generally defined as greenhouses, cold frames, cloth houses, and lath houses. Crops grown are removed at various stages of maturity and have annual and

perennial life cycles. The category includes short-rotation woody crops, such as Christmas trees, that have a growing and harvesting cycle of 10 years or less.

*Other crop farming (1119).* Comprises establishments primarily engaged in (1) growing tobacco, cotton, sugarcane, hay, sugarbeets, peanuts, agave, herbs and spices, and hay and grass seeds, or (2) growing a combination of the valid crops with no one crop or family of crops accounting for one-half of the establishment's agricultural production (value of crops for market). Crops not included in this category are oilseeds, grains, vegetables and/or melons, fruits, tree nuts, greenhouse, nursery and/or floriculture products. In the 1997 census, government payment only farms were coded as "Other grain farming" (11119). In the 2002 census, government payments only farms were classified as "All other crop farming" (11199).

*Tobacco farming (11191).* Comprises establishments primarily engaged in growing tobacco.

*Cotton farming (11192).* Comprises establishments primarily engaged in growing cotton.

*Sugarcane farming (11193).* Comprises establishments primarily engaged in growing sugarcane.

*Hay farming (11194).* Comprises establishments primarily engaged in growing hay such as alfalfa, clover, and/or mixed hay.

*All other crop farming (11199).* Compromises establishments primarily engaged in (1) growing crops (except oilseeds and/or grains; vegetables and/or melons; fruits and/or tree nuts; greenhouse, nursery, and/or floriculture products; tobacco; cotton; sugarcane; or hay) or (2) growing a combination of crops (except a combination of oilseed(s) and grain(s)); and a combination of fruit(s) and tree nut(s)) with no one crop or family of crops accounting for one-half of the establishment's agricultural production.

*Beef cattle ranching and farming (112111).* Comprises establishments primarily engaged in raising cattle (including cattle for dairy herd replacements). Farms having 100 acres or more of total pastureland were coded as "Beef cattle ranching and farming,

including feedlots” (11211) in the 1997 census. In the 2002 census, pastureland-only farms, those with only 100 or more acres of pastureland, were classified as “All other animal production farming” (11299).

*Cattle feedlots (112112).* Comprises establishments primarily engaged in feeding cattle for fattening.

*Dairy cattle and milk production (11212).* Comprises establishments primarily engaged in milking dairy cattle.

*Hog and pig farming (1122).* Comprises establishments primarily engaged in raising hogs and pigs. Activities may include breeding, farrowing, and the raising of weaner pigs, feeder pigs, or market size hogs.

*Poultry and egg production (1123).* Comprises establishments primarily engaged in breeding, hatching, and raising poultry for meat or egg production.

*Sheep and goat farming (1124).* Comprises establishments primarily engaged in raising sheep, lambs, and goats, or feeding lambs for fattening.

*Animal aquaculture (1125).* Comprises establishments primarily engaged in the farm raising of finfish, shellfish, or any other kind of animal aquaculture. These establishments use some form of intervention in the rearing process to enhance production, such as holding in captivity, regular stocking, feeding, and protecting from predators.

*Other animal production (1129).* Comprises establishments primarily engaged in raising animals and insects (except cattle, hogs and pigs, poultry, sheep and goats, and aquaculture) for sale or product production. These establishments are primarily engaged in one of the following: bees, horses and other equine, rabbits and other fur-bearing animals, etc., and producing products such as honey and other bee products. Establishments primarily engaged in raising a combination of animals with no one animal or family of animals accounting for one-half of the establishment’s agricultural production (i.e., value of animals for market) are included in this industry group. In the 1997 census, farms with 100 acres or more of total pastureland-only were coded as “Beef cattle

farming” (112111) in the 1997 census. In the 2002 census, 100 acres or more of pastureland-only farms were classified as “Other animal farming” (1129).

**Farms by size.** All farms were classified into size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered part of the tenant’s farm and not part of the owner’s.

**Farms by tenure of operator.** All farms were classified by tenure of operators in the 2002 census. The classifications used were:

- Full owners operated only land they owned.
- Part owners operated land they owned and also land they rented from others.
- Tenants operated only land they rented from others or worked on shares for others.

Farms with hired managers are classified according to the land ownership characteristics reported. For example, a corporation owns all the land used on the farm and hires a manager to run the farm. The hired manager is considered the farm operator, and the farm is classified with a tenure type of “full owner” even though the hired manager owns none of the land he/she operates.

**Farms by total value of sales.** See Market value of agricultural products sold.

**Farms by type of organization.** All farms were classified by type of organization in the 2002 census. The classifications used were:

- Individual or family (sole proprietorship), excluding partnership and corporation.
- Partnership, including family partnership - further subclassified into the following two categories:
  1. Registered under state law.
  2. Not registered under state law.

- Corporation, including family corporations - further subclassified into the following two categories:
  1. Family held or other than family held.
  2. More than 10 stockholders.
- Other, cooperative, estate or trust, institutional, etc.

**Farms or farms reporting.** The terms “farms” and “farms reporting” in the presentation of data are equivalent. Both represent the number of farms reporting the item. For example, if there are 3,710 farms in a state and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

|                   |             |        |
|-------------------|-------------|--------|
| Cattle and calves | farms . . . | 842    |
|                   | number .    | 28,594 |

**Farm or ranch operator.** See Operator characteristics, and/or Farms by age and primary occupation of operator.

**Farms with sales and government payments of less than \$1,000.** This category includes farms with combined sales and governments payments of less than \$1,000 but having the potential for sales of \$1,000 or more. In this category, government payments were included in calculating that potential. It provides information on all items for farms that normally would be expected to sell agricultural products of \$1,000 or more but had sales and government payments of less than \$1,000.

**Farms with sales of less than \$1,000.** This category includes farms with sales of less than \$1,000 but having the potential for sales of \$1,000 or more. Some of these farms had no sales in the census year. It provides information on all report form items for farms that normally would be expected to sell agricultural products of \$1,000 or more.

**Fertilizer.** See Total farm production expenses - *Fertilizer, lime, and soil conditioners.*

**Floriculture crops.** Data represent total of bedding/garden plants, cut flowers and cut florist greens, foliage plants, and potted flowering plants.

**Forage - land used for all hay and all haylage, grass silage, and greenchop.** Data shown represent the area harvested with each acre counted only once if both dry hay and haylage, grass silage, or greenchop were cut from the same acreage or if there were multiple cuttings of dry hay or haylage, grass silage, or greenchop. Forage production is the sum of the quantity harvested of all hay including alfalfa, other tame, small grain, and wild hay and all haylage, grass silage and greenchop after converting the all haylage, grass silage, and greenchop quantity harvested to a dry equivalent basis (13-percent moisture). The green tons of all haylage, grass silage, and greenchop harvested were multiplied by a factor of 0.4943 to convert to a dry equivalent.

The conversion factor of 0.4943 is based on the assumption that one ton of dry hay is 0.87 ton of dry matter, one ton of haylage or grass silage is 0.45 ton dry matter, and one ton of greenchop is 0.25 ton dry matter. The all haylage, grass silage, and greenchop quantity harvested is assumed to be comprised of 90-percent haylage and grass silage and 10-percent greenchop. Therefore, the conversion factor used to adjust all haylage, grass silage, and greenchop quantity harvested to a dry equivalent basis =  $[(0.45*0.9)+(0.25*0.1)]/0.87 = 0.4943$ .

**Fruits and nuts.** In the 2002 census, total acres, bearing acres, and nonbearing acres were collected. In the 1997 census, total acres, number of bearing trees or vines and nonbearing trees or vines, and quantity harvested were collected.

**Government payments.** This category consists of direct cash payments received by the farm operators in 2002. It includes disaster payments, loan deficiency payments from prior participation, payments from Conservation Reserve Programs (CRP), the Wetlands Reserve Programs (WRP), other conservation programs, and all other federal farm programs under which payments were made directly to farm operators. Commodity Credit Corporation (CCC) proceeds and federal crop insurance payments were not tabulated in this category.

**Grain and bean combines.** In the 2002 census, data were collected for self-propelled combines only. In the 1997 census, data were collected for all types of combines. Data are not directly comparable.

**Grain storage capacity.** This is a new item for the 2002 census. Data include the capacity of all storage structures normally used to store whole grains or oilseeds. These structures can be silos, bins, buildings, trailers, etc. The capacity or usage of any off-farm public or commercial storage facilities was excluded.

**Grains, oilseeds, dry beans, and dry peas sales.** Data are for the total market value of cash grains sold, including corn for grain or seed, wheat for grain, soybeans for beans, sorghum for grain or seed, oats for grain, and other grains and the value of corn silage and sorghum silage. Also included is the total market value of cash oilseeds sold, including sunflower seed (oil and non-oil), flaxseed, canola, rapeseed, safflower seed, mustard seed, dry beans, and dry peas. In the 1997 census, the value of corn silage and sorghum silage were included with hay. Data are not comparable.

**Harvested cropland.** This category includes land from which crops were harvested and hay was cut, and land used to grow short-rotation woody crops, land in orchards, citrus groves, Christmas trees, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once. Land in tapped maple trees was included in woodland not pastured. The 1997 census definition for harvested cropland was the same as the 2002 definition. Short-rotation woody crops were not explicitly referenced in the 1997 census definition, but were included as "Other nursery and greenhouse crops."

**Hay - all hay including alfalfa, other tame, small grain, and wild.** Data shown represent the acreage and quantity harvested of all types. The quantity harvested was reported in dry tons (dry weight at the time the hay was removed from the field for storage or feeding). If two or more cuttings of dry hay were made from the same field, the acreage was reported only once as acres harvested of the appropriate dry hay category, but the production from all cuttings was combined in the corresponding quantity harvested. Straw acreage and production is excluded.

If dry hay was cut from the same land that haylage, grass silage, or greenchop was cut, the acreage and production for the dry hay was reported in the appropriate category of dry hay and the acreage and production for haylage, grass silage, or greenchop was

reported in the appropriate haylage, grass silage, or greenchop category. For example, if 20 acres of alfalfa were cut for hay and then the same land was used to produce alfalfa haylage, 20 acres and the quantity harvested of hay were reported as Alfalfa and Alfalfa mixtures for dry hay and 20 acres and the quantity harvested of alfalfa haylage were reported as Haylage or greenchop from alfalfa or alfalfa mixtures.

**Hay, other tame dry hay.** Data shown represent acreage and dry tons of hay harvested from clover, fescue, lespedeza, timothy, Bermuda grass, Sudangrass, sorghum hay, and other types of legume (excluding alfalfa) and tame grasses (excluding small grains).

**Hay, wild dry.** Data shown represent acreage and dry tons of hay harvested that was predominately wild or native grasses, even if it had some fill-in seeding of other grasses.

**Haylage, grass silage, and greenchop, all.** Data shown represent the acreage and quantity harvested of all types (alfalfa and all other). The quantity harvested was reported in green tons. If two or more cuttings of haylage, grass silage, or greenchop were made from the same field, the acreage was reported as acres harvested in the appropriate haylage category only once, and the tonnage from all cuttings was combined in the corresponding quantity harvested. Straw acreage and production is excluded.

**Herbs, fresh cut.** This item does not include herbs dried or otherwise processed.

**Hired farm labor.** Data are for total hired farm workers, including paid family members, by number of days worked.

**Hogs and pigs by type of operation.** Hog and pig farms were classified by type of operation in 2002. Operation types were farrow to wean, farrow to feeder, farrow to finish, nursery, finish only, and other. Multiple operation type descriptions were applicable for some respondents. More than one operation type description was accepted and the reported inventory and sales data were assigned to each reported type. The inventory and sales data in Chapter 1, Tables 25 and 26 may not match the inventory and sales data in other publication tables for this reason. Any operation

type reported other than those specified in Tables 25 and 26 was not published.

**Hogs and pigs by type of producer.** Hog and pig farms were classified by type of producer in 2002. Producer types were independent grower, contractor or integrator, and contract grower (contractee). Multiple producer type descriptions were applicable for some respondents. More than one producer type description was accepted and the reported inventory and sales data were assigned to each reported type. The inventory and sales data in Chapter 1, Tables 23 and 24 may not match the inventory and sales data in other publication tables for this reason.

**Honey.** In the 2002 census, pounds of honey produced were tabulated. In the 1997 census, pounds of honey sold were tabulated.

**Income.** In the 2002 census, total income of the operation was distributed into three components: the operators, the landlords, and the contractors. The total net cash farm income of the operation is similar to the net cash returns published for the 1997 census. The difference between net cash income and net cash returns is that net cash returns did not include government payments and other farm-related income as income. Only net cash farm income of the operation and net cash farm income of the operators are published in 2002. This income component of the contractor was parameter generated and therefore is not published. To effectively suppress it, it is also necessary to not publish the landlord component. See Net cash farm income of the operation or Net cash farm income of the operator.

**Income from farm-related sources.** See Total income from farm-related sources, gross before taxes and expenses.

**Institutional, Research, Experimental, and American Indian Reservation Farms.** Institutional, research, and experimental farms were previously called abnormal farms. In the 2002 census, these farms were combined with Indian Reservation farms into one category. Research farms include farms operated by private companies as well as those operated by universities, colleges, and government organizations for the purpose of expanding agricultural knowledge.

**Irrigated land.** This category includes all land watered by any artificial or controlled means, such as sprinklers, flooding, furrows or ditches, sub-irrigation, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was counted only once regardless of the number of times it was irrigated or harvested. Livestock lagoon waste water distributed by sprinkler or flood systems was also included.

**Land area, approximate.** The approximate land area represents the total land area as determined by records and calculations as of January 1, 2000. The proportion of land area in farms may exceed 100-percent because some operations have land in two or more counties, but all acres are tabulated in the principal county of operation. The approximate land area data were supplied by the U.S. Department of Commerce, Bureau of the Census. Also see Location of agricultural activity.

**Land enrolled in Federal or other crop insurance programs.** The 2002 census collected information on the number of acres under Federal or other crop insurance policies for the first time. Crop insurance protects farmers from crop losses due to natural hazards. It is underwritten by the Risk Management Agency of the U.S. Department of Agriculture and sold by private firms and insurance agents. Crop insurance is also available in selected states for rangeland/pastureland. In some instances, cropland insured exceeds available cropland because in some states pasture land is insured and included.

**Land enrolled in the Conservation Reserve Programs (CRP) or Wetland Reserve Programs (WRP) program.** The CRP is a program established by the USDA in 1985 that takes land prone to erosion out of production for 10 to 15 years and devotes it to conserving uses. In return, farmers receive an annual rental payment for carrying out approved conservation practices on the conservation acreage. The WRP is a voluntary program that offers landowners financial incentives to enhance wetlands in exchange for retiring marginal agricultural land. To be eligible, land must be restorable and provide significant wetland and wildlife habitat. The program offers landowners three options: permanent easements, 30-year easements, and restoration cost-share agreements of a minimum 10-year duration.

For the 2002 census, operations with land enrolled in the CRP or WRP were counted as farms, given they received \$1,000 or more in government payments, even if they had no sales and otherwise lacked the potential to have \$1,000 or more in sales.

**Land in berries harvested for sale.** Total acres harvested for berries was collected as a combined category in all states in the 2002 census. In the 1997 census, it was a summation of the individual types of berries reported.

**Land in farms.** The acreage designated as “land in farms” consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator’s total operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the edit process. Land in farms includes acres in the Conservation Reserve and Wetlands Reserve Programs.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as “land in farms” provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was reported by the grazing association and included as land in farms. All land in American Indian reservations used for growing crops or grazing livestock was included as land in farms. Land in reservations not reported by individual American Indians or non-Native Americans was reported in the name of the cooperative group that used the land. In many instances, an entire American Indian reservation was reported as one farm.

**Land in orchards.** This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of fewer than 20 total fruit, citrus, or nut trees or grapevines.

**Land in two or more counties.** With few exceptions,

the land in each farm was tabulated as being in the operator’s principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. Reports received showing land in more than one county were separated into two or more reports if the data would substantially distort county totals.

**Land used for vegetables.** Data are for the total land used for vegetable and melon crops. The acres were reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

**Land used to raise certified organically produced crops.** This is a new item in the 2002 census. Certified organic crops are those that are certified by a Federal, state, or private certification agency. The count of farms producing certified organic crops may differ from that found in other sources because this item is self reported by respondents. No attempt was made to verify reports with certifying organic organizations. The acres reported in this item must be less than or equal to the acres reported as cropland harvested for each operation.

**Landlord’s share of the total sales.** This is a new item for the 2002 census. This is the percentage of the operation’s sales that goes to the landlords.

**Layers 20 weeks old and older.** This category includes layer hens in molt and other layer hens and pullets 20 weeks old and older.

**Location of agricultural activity.** The county in which the largest value of an operator’s agricultural products were raised or produced is the county in which the reported farm or ranch data were tabulated.

**Maple syrup.** Maple syrup production is a new item for the 2002 census. In the 1997 census, acres of tapped maple trees and number of taps were published. In 2002 number of taps and gallons of syrup produced are published. Acres of tapped maple trees are included in woodland not pastured.

**Market value of agricultural products sold.** This

category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 2002 regardless of who received the payment. It is equivalent to total sales. It includes sales by the operators as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. The value of commodities placed in the Commodity Credit Corporation (CCC) loan program is included in this figure. Market value of agricultural products sold does not include payments received for participation in other federal farm programs. Also, it does not include income from farm-related sources such as customwork and other agricultural services, or income from non-farm sources.

The value of crops sold in 2002 does not necessarily represent the sales from crops harvested in 2002. Data may include sales from crops produced in earlier years and may exclude some crops produced in 2002 but held in storage and not sold. For commodities such as sugarbeets and wool sold through a co-op that made payments in several installments, respondents were requested to report the total value received in 2002.

The value of agricultural products sold was requested of all operators. If the operators failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory, or number sold. Caution should be used when comparing sales in the 2002 census with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation. The value of sales of some crops and of some livestock and animal specialties were asked separately in the 1997 census and were combined into categories in the 2002 census as follows:

- individual grain crops were combined.
- hay, silage, field seeds, and grass seeds (excluding grain silage and forage) were combined with other crops.
- individual nursery and greenhouse items were combined.
- sales of cut Christmas trees was combined with value of short-rotation woody crops.

- horses and ponies were combined with horses, ponies, mules, burros, and donkeys.
- colonies of bees and honey were combined with other animals and other animal products.
- milk goats and goat milk were combined with sheep, goats, and their products.
- angora goats and mohair were combined with sheep, goats, and their products.
- Other goats were combined with sheep, goats, and their products.
- mink and their pelts were combined with other animals and other animal products.
- rabbits and their pelts were combined with other animals and other animal products.

**Meat and other goats.** This is a name change only. The 1997 census name was Other goats.

**Migrant farm labor on farms.** Information on migrant workers was collected for the first time in the 2002 census. Operators were asked whether any hired or contract workers were migrant workers, defined as a farm worker whose employment required travel that prevented the migrant worker from returning to his/her permanent place of residence the same day.

**Misreported or miscoded crops.** In a few cases, data may have been reported on the wrong line, in the wrong section, or the wrong crop code may have been assigned to a write-in crop code. A few of these errors may not have been identified and corrected during processing which resulted in rare cases of inaccurately tabulated data. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

**Mollusks.** This is a new category for 2002. These are invertebrate animals with a soft body covering and shells of 1-18 parts or sections. Examples include abalones, clams, mussels, oysters, snails, and quahogs.

**More than one race reported.** This category represents those operators who chose to report more than one race on the census form. Tabulating more

than one race is new for the 2002 census. In past censuses, respondents were allowed to mark only one race. In such instances they may have chosen one particular race (ie. white) or chosen the Other category.

**Net cash farm income of the operations.** This concept is derived by subtracting total farm and farm-related expenses from total sales, government payments, and other farm-related income. Net cash farm income of the operation includes the value of commodities produced under contract by the contract growers.

For publication purposes, farms are divided into two categories:

1. Farms with net gains (includes those operations that broke even).
2. Farms with net losses.

**Net cash farm income of the operators.** This value is the operators' total revenue (fees for producing under contract, total sales not under contract, government payments, and farm-related income) minus total expenses paid by the operators. Net cash farm income of the operator removes the value of contract commodities produced and acknowledges the income the operators received for services performed for the contractor. Net cash farm income of the operators is a new concept for the 2002 census.

For publication purposes, farms are divided into two categories:

1. Farms with net gains (includes those operations that broke even).
2. Farms with net losses.

**Number of households sharing in net income of farm.** This is a new item in the 2002 census. Data were reported by the principal operator only. Households that received funds because they were only landlords, custom equipment operators, or provided other production services were not included. Published data can exceed the number of operators listed under Operators, all.

**Nursery, floriculture, vegetable and flower seed crops, sod harvested, etc., grown in the open, irrigated.** Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding/garden plants, etc., grown in the open.

**Nursery, greenhouse, floriculture, and sod value of sales.** In the 2002 census, data include sales of bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, nursery stock, live Christmas trees, tobacco transplants, sod, etc. In the 1997 census, vegetable seeds were also included. Data are not comparable.

**Nursery, greenhouse, floriculture, aquatic plants, mushrooms, flower seeds, vegetable seeds, and sod harvested, grown for sale.** In the 2002 census, data are summations of individual items reported. In the 1997 census, data were reported under nursery and greenhouse crops and included cut Christmas trees. Data are not comparable.

**Nursery stock crops.** This is a name change only. The 1997 census name was Nursery Crops.

**Occupation.** See Operator characteristics and/or Farms by age and primary occupation of operator.

**Operator.** The term operator designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For the first time, the census collected information on the total number of operators, the total number of women operators, and demographic information for up to three operators per farm. Unlike previous censuses, the number of operators does not equal the number of farms. To see how operator data were collected in 2002, refer to the census report form, Section 24, Appendix D. See Operators, all; and Operators, total.

**Operator characteristics.** In the 2002 census, operators (up to three operators per farm) were asked to report age, race, sex, place of residence, number of days worked off farm, primary occupation, year in

which his/her operation of the farm began, residence on an American Indian reservation, number of persons living in the operators' households, and Spanish, Hispanic, or Latino origin. Information on the total number of operators and total number of women operators was collected from each operation. In addition, the principal operator was asked to report the percentage of total household income that came from the farm operation and if he/she was a hired manager for the operation.

Unlike the 1997 census, all operator characteristics in the 2002 census were subject to imputation based on information reported by farms with similar acreage, tenure, value of sales, and location. In the 1997 census, no imputation was made for nonresponse to place of residence; Spanish, Hispanic, or Latino origin; off farm work; or year began operation. Also in 1997 data were collected only from the principal operator. To see how operator data were collected in 2002, refer to the census report form, Section 24, Appendix D.

**Operators, all (multiple).** This a new item in the 2002 census. The 2002 census was the first to collect data for more than one operator per farm. Demographic and other information were collected for up to three operators per farm - the principal operator plus one or two additional operators. This may be fewer than the number of operators on some farms. All operators refers to these multiple operators. Demographic data for up to three operators reported are presented separately for women, by race categories, and for Spanish, Hispanic, or Latino origin.

**Operators, total.** This is a new item in the 2002 census. It represents the total reported number of operators on farms and ranches. The 2002 census was the first to ask for the total number of operators associated with an operation. It was also the first time the total number of women operators was determined. To see how operator data were collected in 2002, refer to the census report form, Section 24, Appendix D.

**Operators of Spanish, Hispanic, or Latino origin.** See Spanish, Hispanic, or Latino origin.

**Oranges, all.** All oranges is a summation of Valencia oranges and Other oranges. Total acres, bearing acres, and nonbearing acres were collected by category in the 2002 census. In the 1997 census, total acres, bearing

trees, and nonbearing trees were collected as all oranges.

**Oranges, other.** This is a new item for the 2002 census and includes all oranges, including Navel, other than Valencia. See Oranges, all for further explanation.

**Oranges, Valencia.** This is a new item for the 2002 census. See Oranges, all for further explanation.

**Ornamental fish.** This is a new category for 2002. It includes various fish raised for water gardens, aquariums, etc. Examples include angel fish, guppies, koi, ornamental goldfish, and tropical fish.

**Other animals.** In the 2002 census, each specie is reported separately. In the 1997 census, deer, elk, bison, and llamas were included in all other livestock.

**Other animals and other animal products sold.** This category includes all animals and animal products not having specific codes on the 2002 report form. Data are not comparable with the 1997 census.

**Other aquaculture products.** In the 2002 census, examples include the production of alligators, frogs, leeches, live rock, salamanders, turtles, fingerlings, and egg and seed stock. Data are not comparable with the 1997 census since several items previously reported here were listed separately in the 2002 census.

**Other cattle.** In the 2002 census, data include heifers, steers, bulls 500 pounds and over, and all calves under 500 pounds. In the 1997 census, heifers and heifer calves were collected separately from steers, steer calves, bulls, and bull calves.

**Other citrus.** In the 2002 census, data relate to any citrus not having a specific code on the report form. In the 1997 census, data included K-Early citrus and Temples.

**Other cropland.** This includes all cropland other than cropland harvested or cropland pastured.

**Other crops.** This category includes production data for field and forage crops not categorized into one of the prelisted crop categories on the report form.

**Other crops and hay sales.** For the 2002 census, data are for the total market value of all crops not categorized into one of the prelisted crop sales categories on the report form. This category includes crops such as grass seed, hay and grass silage, haylage, greenchop, hops, maple syrup, mint for oil, ginseng root, peanuts, sugarcane, sugarbeets, etc. The inclusion of hay into this category is new for the 2002 census. In the 1997 census, hay sales were included with silage and field seeds. Data are not comparable.

**Other crops under production contract.** This item is new for the 2002 census. Data are for the total number of farms that have production contracts for other crops. This category includes all crops except grains, oilseeds, vegetables, melons, potatoes, and sweet potatoes.

**Other fish.** This category includes fish that could not be identified as belonging to one of the other categories on the 2002 census report form. Data are not directly comparable to the 1997 census.

**Other food fish.** This is a new category for 2002. Data are for fish, other than catfish and trout, raised on farms for food. Examples include hybrid striped bass, moi, salmon, sturgeon, and tilapia.

**Other fruits and nuts.** Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the census report form.

**Other land.** This category includes land in house lots, barn lots, ponds, roads, ditches, wasteland, etc. It includes those acres in the farm operation not classified as cropland, pastureland, or woodland. See Land in farms.

**Other livestock.** This category includes all livestock not having specific codes on the 2002 report form. In the 1997 census, emus and ostriches were included in this category but in 2002 they were included as individual poultry items. Data are not comparable. See Other animals and Other animal products.

**Other livestock and livestock products.** See Other animals and other animal products sold.

**Other livestock products.** Production data for this category include all livestock products not having a

specific code on the 2002 report form. In the 1997 census, production data were collected along with other livestock; data are not comparable.

**Other noncitrus fruit.** Data relate to any noncitrus fruit not having a specific code on the census report form.

**Other nursery and greenhouse crops.** Data relate to any nursery and greenhouse crop not having a specified code on the census report form.

**Other poultry.** Data are for other poultry not having a specific code on the report form. Data for 1997 included emus and ostriches and are not directly comparable with 2002.

**Other tame hay.** See Hay, other tame dry hay.

**Pastureland and rangeland, other than cropland and woodland pastured.** This land use category is very inclusive and encompasses all grazable land that does not qualify as cropland pasture. It may be irrigated or dry land. In some areas, it can be a high quality pasture that could not be cropped without improvements. In other areas, it is barely able to be grazed and is only marginally better than wasteland.

**Patronage dividends.** See Total income from farm-related sources, gross before taxes and expenses.

**Payments received by the contractee for commodities produced under contract.** These data show the number of farms and the dollar amount the contractees received from contractors for commodities produced under contract. This is not the market value of the commodities delivered, but the payment or fee the operators received for commodities delivered. The 2002 census was the first time this information was collected and published.

**Peaches, all.** In the 2002 census, data for all peaches were collected as a category in all states except for California and Arizona. Peach data in California and Arizona were collected separately for clingstone and freestone peaches. The data were later combined with all peaches for publication. Data for clingstone and freestone are found in the California and Arizona publications only. In the 1997 census, there was no

special data collection for clingstone or freestone peaches.

**Peaches, Clingstone.** In the 2002 census, data were collected only in California and Arizona for clingstone peaches. All other states are included in the Peaches, all category. In 1997, data were not collected. See Peaches, all for further explanation.

**Peaches, Freestone.** In the 2002 census, data were collected only in California and Arizona for freestone peaches. All other states are included in the Peaches, all category. In 1997, data were not collected.

**Pears, all.** In the 2002 census, data for all pears were collected as a category in all states except for California, Arizona, Idaho, Oregon, and Washington. These states collected data separately for Bartlett pears and Other pears which were later combined into the Pear, all category. Data for Bartlett and other pears are found only in the state publications where collected. In the 1997 census, there was no special data collection.

**Pears, Bartlett.** In the 2002 census, data were collected only in California, Arizona, Idaho, Oregon, and Washington for Bartlett pears. All other states are included in the Pears, all category. In 1997, data were not collected. See Pears, all for further explanation.

**Pears, other.** In the 2002 census, data were collected only in California, Arizona, Idaho, Oregon, and Washington for other pears. All other states are included in the Pears, all category. In 1997, data were not collected. See Pears, all for further explanation.

**Peas, green southern (cowpeas) - blackeyed, crowder, etc.** This is a name change only. In the 1997 census, the name was Green cowpeas and green southern peas.

**Peppers, Bell.** For the 2002 census, data include only Bell-type peppers. All other peppers are included in the Chile pepper category. The 1997 census categories for peppers were hot peppers and sweet peppers. Some peppers such as banana peppers were reported as sweet peppers in 1997 and are reported as Chile peppers in 2002. Data for peppers for the two censuses are not comparable.

**Peppers, Chile (all peppers - excluding Bell).** This includes all peppers not classified as a Bell pepper. This includes some sweet peppers such as banana peppers and pimiento peppers, as well as all hot peppers. The 1997 census categories for peppers were hot peppers and sweet peppers. Since some Chile peppers were reported as sweet peppers in 1997, the data for peppers for the two censuses are not comparable.

**Plums.** This was reported as an individual item only in California and Arizona. All other states reported plums in a combined plum and prune category.

**Poultry hatched.** This category includes all poultry hatched on the place during the year. The number of poultry hatched is under the heading Sold for both years. Incubator egg capacity was not asked in the 2002 census.

**Poultry, other.** See Other poultry.

**Primary occupation.** See Operator characteristics and/or Farms by age and primary occupation of operator.

**Principal operator.** The person primarily responsible for the on-site, day-to-day operation of the farm or ranch business. This person may be a hired manager or business manager. See Operators, all for further explanation.

**Production contracts.** See Commodities raised and delivered under production contracts.

**Production expenses.** See Total farm production expenses.

**Prunes.** This was reported as an individual item only in California and Arizona. All other states reported prunes in a combined plum and prune category.

**Pullets for laying flock replacement.** In the 2002 census, pullet inventory for laying flock replacement was tabulated as a single item. In the 1997 census, pullets were separated into two categories: less than 13 weeks old and 13 to 19 weeks old. The two categories in the 1997 census must be added together to be comparable to the 2002 census. In the 1997 census, pullets and pullet chicks sold were asked. In

the 2002 census, the report form asked for pullets sold or moved from the operation.

**Race of operator.** In previous censuses, with the exception of Hawaii, race data were collected for White, Black or African American, American Indian (included Alaska Native), Asian or Pacific Islander, or Other race. In the 2002 census, operator and farm characteristics were collected for White, Black or African American, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, Asian, and those operators reporting more than one race. Respondents were asked to mark one or more of the race categories. Operators who marked more than one race category were tabulated in the More than one race columns in Chapter 1, Tables 47 and 52, and Chapter 2, Table 46.

In Hawaii 2002 operator race data were collected for White, Black or African American, American Indian or Alaska Native, Native Hawaiian, Other Pacific Islander, Japanese, Chinese, Korean, Filipino, Other Asian, and operators reporting more than one race. Operators who marked more than one race category were tabulated as More than one race in the publications. The combination of the Native Hawaiian and Other Pacific Islander categories is equivalent to the Native Hawaiian or Other Pacific Islander category on the other forms. The combination of the Japanese, Chinese, Korean, Filipino, and Other Asian categories is equivalent to the Asian category on the other forms. The Volume 1, Geographic Area Series, U.S. Summary publication only displays counts for the categories of Native Hawaiian and Other Pacific Islander and Asian. Data for the 11 Hawaii race categories are published in the Hawaii publication of the Volume 1 series.

**Rental of farmland.** See Total income from farm-related sources, gross before taxes and expenses.

**Sales, total.** See Market value of agricultural products sold.

**Sheep and lamb inventory.** In the 2002 census, respondents were asked to report sheep and lambs of all ages owned. In the 1997 census, respondents were asked to report sheep or lambs on their operation regardless of ownership.

**Short-rotation woody crops.** This is a new item for the 2002 census. A short-rotation woody crop is a tree that grows from seed to a mature tree in 10 years or less. These are trees for use by the paper or pulp industry or as engineered wood. This does not include lumber. Acres in production were reported in the "Land" section of the report form as Harvested cropland.

**Size of farm.** See Farms by size.

**Sorghum syrup.** The question on the report form asked for pounds of sorghum syrup produced, but responses indicated that some respondents reported cane harvested for syrup while others reported the syrup produced. With such varying amounts of production reported (tons and pounds of cane as well as pounds and gallons of syrup), a significant amount of manual review and correction would have been needed for this item. Instead the data were summarized and published as reported.

**Spanish, Hispanic, or Latino origin.** Operators of Spanish, Hispanic, or Latino origin are found in all of the racial groups listed in the census and were tabulated according to the race reported, as well as on tables pertaining only to this group.

**Sport or game fish.** This is a new category for 2002. It includes farm-raised fish for sport or game fishing. Examples include bluegill, crappie, largemouth bass, muskie, northern pike, smallmouth bass, and sunfish.

**Temples.** This is a new item for the 2002 census. In previous censuses, respondents may have reported temples as either oranges or other citrus fruit.

**Tenure.** See Farms by tenure of operator.

**Total cropland.** This category includes cropland harvested, cropland used only for pasture or grazing, cropland idle or used for cover crops or soil improvement but not harvested and not pastured or grazed, cropland on which all crops failed or were abandoned, and cropland in cultivated summer fallow.

**Total farm production expenses.** Includes the production expenses provided by the operators, partners, landlords (excluding property taxes) and production contractors for the farm business in 2002.

Tenant farmers reported expenses paid by landlords for the agricultural production on the operation, as well as their expenses. Farm or ranch operators who rented part of their land to others reported only the expenses for the land they actually used themselves and not expenses for land rented to others. The 2002 total farm production expenditure includes all farm-related expenses such as customwork, fuel costs, cost of cutting timber, services provided to hunters, cooperative membership fees, etc. However, if the income from these farm-related categories was not considered a part of the operation (i.e., if the income was regarded as derived from a separate business), then the associated expenses were not included. The contractor's portion of expenses was based on computer generated estimates for 2002.

This item excludes expenses relating to non-farm activities such as trading and speculation in the commodities market or livestock trading activities. Explanations of selected production expenses are listed below.

*All other livestock and poultry purchased.* These expenses include the total amount spent by the operators, their landlords, and by others for all non-breeding livestock and poultry bought during 2002 for production on the farm or ranch. The total includes amounts spent for cattle, calves, hogs, pigs, sheep, hatchery eggs, etc. All other livestock and breeding livestock were combined in 1997.

*All other production expenses.* This category includes all expenses not listed on the report form. Examples include animal health costs, storage and warehousing, marketing and ginning expenses, insurance, etc. Health expenses and payroll taxes were excluded. In the 1997 census, lime expenses and irrigation water costs were collected and published in the all other production expenses category. In the 2002 census, the cost of lime is included with fertilizer and the cost of irrigation water is included with utilities.

*Breeding livestock purchased.* These expenses include the total amount spent by the operators, his/her landlord, and others for all breeding livestock and poultry bought during 2002 for production on the farm or ranch. The total includes amount spent for cows, heifers, bulls, sows, gilts, boars, rams, lambs, ewes, roosters, hens, layers, etc. Estimations of the value of

livestock or poultry fed on a custom basis were to be made based on their value when they arrived on the farm or ranch. In the 1997 census, breeding livestock and all other livestock were combined.

*Cash rent paid in 2002.* These data include the cost of renting land and buildings that are part of this operation. Rent paid for the operator's dwelling or other non-farm property and the value of the shares of crops and livestock paid to landlords were excluded.

*Chemicals.* These 2002 expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including costs of custom application. Data exclude commercial fertilizer purchased.

*Fertilizer, lime, and soil conditioners.* The expense for fertilizer is the amount spent on all forms of fertilizer and lime including rock phosphate and gypsum during 2002. It also includes the cost of custom application. In the 1997 census, lime expenses were collected and published in the all other production expenses category.

*Contract labor.* These data include 2002 payments made to contractors, crew leaders, cooperatives, or any other organization hired to furnish a crew of laborers to do a job that may involve one or more agricultural operations. In some cases, a crew leader may furnish some equipment. Data exclude expenses made on a contractual basis for repair or maintenance or for capital improvements, such as construction of farm buildings, installation of fences or irrigation systems, and land leveling.

*Customwork and custom hauling.* These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. Some examples of customwork are plowing, spraying, harvesting, preparation of products for marketing, grinding and mixing feed, combining, corn picking, grain drying, and silo filling. The cost of custom application of fertilizer and chemicals is included in expenditures for fertilizer and chemicals in 2002, just as it was in the 1997 census. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense. In

1997, the expenses for customwork were combined with rent and lease expenses for machinery.

*Feed for livestock and poultry.* These expenses include the cost of all feed for livestock and poultry including grain, hay, silage, mixed feeds, concentrates, etc. during 2002.

*Gasolines, fuels, and oils purchased.* These expenses include the cost of all gasoline, diesel, natural gas, LP gas, motor oil, and grease products for the farm during 2002. It excludes fuel for personal use of automobiles by the family and others, fuel used for cooking and heating the farm house, and any other use outside of farmwork on the operation. In the 1997 census, fuel costs were divided into four groups.

*Hired farm and ranch labor.* These 2002 expenses include the total amount paid for farm or ranch labor including regular workers, part-time workers, and members of the operator's family if they received payments for labor. It includes social security taxes, state taxes, unemployment tax, payment for sick leave or vacation pay, workman's compensation, insurance premiums, and pension plans.

*Interest paid on debts.* Interest and finance charges paid in 2002 on mortgage loans for land and buildings on the operation are included in this section. Interest expenses excluded from this category are non-farm interest expenses and interest expenses originating from machinery and equipment used for a separate customwork business or for other operations. Interest expense for the operator's dwelling, where the amount is separate from interest on farm land and buildings on the operation, is excluded. Interest paid on debts were reported in one of two categories:

1) *Interest paid on debts secured by real estate.* These data include all interest expenses paid in 2002 on debts secured by real estate for the farm.

2) *Interest paid on debts not secured by real estate.* These data include all interest expenses paid in 2002 on debts secured by machinery, tractors, trucks, other equipment, livestock, poultry, breeding stock, money borrowed for use as working capital, and interest paid on CCC loans for the farm.

*Property taxes paid in 2002.* These data include

property taxes paid by the operators for the farm share of land, machinery, livestock, buildings and livestock.

*Rent and lease expense for machinery.* These data include the farm share cost of renting or leasing machinery, equipment, and vehicles during 2002. Rental and lease expenses of items used only for custom hire are excluded here. In the 1997 census, rent and lease expenses for machinery were combined with customwork expenses.

*Seed cost.* These expenses include the cost of all seeds, bulbs, plants, propagation materials, trees, etc. purchased during 2002. Excluded were items purchased for immediate resale or the value of seed grown on this place.

*Supplies, repairs, and maintenance.* These expenses include all costs for the repair and upkeep of buildings, motor vehicles, fences, and farm equipment used for the farm business during 2002. Repairs to equipment used both for the farm business and for performing customwork are included.

*Utilities.* These data show the farm share cost of electricity, telephone charges, internet fees and water purchased in 2002. Included in the water cost is water purchased for irrigation purposes, automatic feeders, farrowing houses, milking equipment, or any other machinery and equipment used for the operation. Household costs were excluded from these items. Electricity expense was the only cost that was collected and published in the 1997 census. The purchase of irrigation water was collected under all other production expenses in the 1997 census.

**Total income from farm-related sources, gross before taxes and expenses.** This includes gross income from farm-related sources received in 2002 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. The data exclude income from employment or business activities which are separate from the farm business.

Categories that make up the farm-related income calculation changed between the 1997 and 2002 censuses. In the 2002 census, patronage dividends and refunds from cooperatives and recreational services were published separately. In the 1997 census, these

categories were combined with other income from farm-related sources.

*Customwork and other agricultural services.* This income includes gross receipts received by the farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constituted a separate business or was conducted from another location.

*Rental of farmland.* This income includes gross cash or share payments received from renting out farmland, payments received from the lease or sale of allotments for crops such as tobacco, and payments received for livestock pastured on a per-head, per month, or per-pound basis. It excludes rental income from nonfarm property.

*Sales of forest products.* This income includes gross receipts from sales of standing timber, pulpwood, firewood, and other forest products from the farm business and gum for naval stores. It excludes income from nonfarm timber tracts, sawmill businesses, cut Christmas trees, maple products, and short-rotation woody crops.

*Recreational services.* For the 2002 census, recreational services is reported separately. In the 1997 census, it was combined with Other farm-related income. This includes income from recreational services such as hunting, fishing, etc.

*Patronage dividends and refunds from cooperatives.* For the 2002 census, income from patronage dividends and refunds from cooperatives is published separately. These are payments to a farmer or rancher for business done with a cooperative to which he/she usually belongs. In the 1997 census, this income was combined with Other farm-related income. The payment is usually for goods sold through the co-op.

*Other-farm related income sources.* This is other income which is closely related to the agricultural operation. This income includes animal boarding, breeding fees, tobacco settlements, state fuel tax refunds, Federal/state/local tax refunds, state farm program payments, insurance payments for crop and

livestock payments losses, etc. For the 2002 census, other farm-related income sources are published separately. In the 1997 census, it was combined with recreational services and patronage dividends and refunds from cooperatives. Data are not comparable.

**Total operators.** See Operators, total.

**Total sales.** See Market value of agricultural products sold.

**Total market value of agricultural products sold and government payments.** This term is the same as the Farms by economic class of farm frequency distribution. The combination of sales and government payments may be a better measure of the economic size of farm because it represents all income resources of an operation, other than income from farm-related sources. All farms were tabulated by economic size based on the summation of sales and government payments. This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the operation in 2002 and government payments regardless of who received the payment. It includes sales by the operators as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. It does not include government payments received by landlords. The value of commodities placed in Commodity Credit Corporation (CCC) loans are included in this figure.

**Turkeys.** In the 2002 census, total turkey inventory and sales were tabulated. The number of turkeys sold include turkeys sold for slaughter and sold or moved to other farms. This may result in a turkey being sold more than once. In the 1997 census, turkey data were separated into two categories - slaughter and breeding.

**Type of organization.** See Farms by type of organization.

**Valencia oranges.** See Oranges, valencia.

**Value of agricultural products sold directly to individuals for human consumption.** This item represents the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. It excludes nonedible

products such as nursery crops, cut flowers, and wool but includes livestock sales. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded.

**Value of landlord's share of total sales.** This is a new item for 2002. This category includes the value of agricultural sales received by the landlords.

**Value of certified organically produced agricultural commodities.** This is a new item for the 2002 census. It represents the value of certified organically produced agricultural commodities sold from operations during 2002. This is the first time organic sales data were collected and published. These sales may come from either crop or livestock production. It was the intention of the question to collect only those products that were certified as organic by a government organization, grower organization, or similar entity.

**Value of commodities under production contract.** This item is new for the 2002 census. Data show the number of farms and the value of all commodities under production contract. The 2002 census is the first time specific contract data were published.

**Value of sales.** See Market value of agricultural products sold.

**Vegetables harvested for processing.** This is a new item for the 2002 census. Data are available for selected vegetables that are commonly processed.

**Vegetables harvested for sale.** The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown. When more than one vegetable crop was harvested from the same

acreage, acres were counted for each crop.

**Wheat for grain.** In the 2002 census, data were collected by type of wheat - Durum, winter, and spring other than Durum. In the 1997 census, only selected states reported wheat by type. The non-specific wheat for grain data collected in the 1997 census is not included in this publication. Therefore, the 1997 census data by type may not add to All wheat for grain.

**Woodland pastured.** This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and, therefore, was not included in woodland pastured.

**Woodland, total.** This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products and woodland pastured. Land covered by sagebrush or mesquite was reported as other pastureland and rangeland or other land. Land planted for Christmas tree production and short-rotation woody crops was reported in cropland harvested, and land in tapped maple trees was reported as woodland not pastured.

**Write-in crops.** To reduce the length of the report form, only the major crops for each region were prelisted on the report forms. For other crops, the respondent was asked to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code into the appropriate "all other" category for that section. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

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## Appendix B. American Indian and Alaska Native Farm Operators

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Appendix B provides additional agriculture census data for farms and ranches operated by American Indians or Alaska Natives. Census report forms asked respondents to identify the race of up to three operators per farm or ranch. The race category of "American Indian or Alaska Native" could be selected as either a single race or in combination with other races as part of a multi-racial identification. Appendix B tables include data for farms or ranches whose operators self-identified as American Indian or Alaska Native either as a single race or in combination with other races. Appendix B is the only part of the volume 1 publication that includes this breakout of the multiple race designation. Tables in other parts of the publication include as American Indian or Alaska Native only those operators with a single-race identification. All multiple race identifications are combined together in the category "more than one race reported."

To improve coverage of reservation agriculture, special procedures were followed in the census. A reservation-level census report form was obtained from knowledgeable reservation officials of most large reservations. These reports covered agricultural activity on the entire reservation. NASS reviewed these data and removed duplication with any data reported by American Indian or Alaska native farm operators who responded on an individual census report form. Additionally NASS obtained, from knowledgeable reservation officials, the count of American Indian and Alaska Native farm operators (on reservations) who were not counted through individual census report forms, but whose agricultural activity was included in the reservation-level report. Appendix B is the only part of the volume 1 publication that provides a total count of American Indian and Alaska

Native farm operators, including those who returned an individual report and those otherwise included in the reservation-level report. Tables in other parts of the publication count the reservation report as a single farm.

**Table A, American Indian and Alaska Native Operators: 2002,** provides the number of farm operators (for up to three operators per farm) reported as American Indian or Alaska Native in the race category on the individual census report forms, plus the total number of American Indian or Alaska Native operators farming on reservations as reported by reservation officials. The count from the individual report forms is summarized in the "individually reported" column. It includes operators on or off reservations. The "other" column provides counts of operators on reservations as reported by a reservation or tribal official.

**Table B, Selected Characteristics for Farms Operated By American Indians or Alaska Natives and For Total Farms: 2002,** provides aggregated data for operations where at least one operator was American Indian or Alaska Native. Data include resource and production inputs and outputs of farms and ranches operated by American Indians and Alaska Natives, and compares the data to all farms. Reservation-level reports are included.

**Table C, Selected Operator Characteristics for American Indians and Alaska Natives and for Total Reporting: 2002,** presents demographic data for up to three American Indian or Alaska Native operators reported per farm or ranch on individual and reservation-level census report forms.

**Table A. American Indian or Alaska Native Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | American Indian or Alaska Native farm operators |                                    |                    | Geographic area    | American Indian or Alaska Native farm operators |                                    |                    |
|----------------------|---|------------------------------------|--------------------|--------------------|---|------------------------------------|--------------------|
|                      | Total   | Individually reported <sup>1</sup> | Other <sup>2</sup> |                    | Total   | Individually reported <sup>1</sup> | Other <sup>2</sup> |
| <b>STATE TOTAL</b>   |   |                                    |                    |                    |   |                                    |                    |
| Michigan .....       | 499   | 499                                | -                  | Kent .....         | 5   | 5                                  | -                  |
| <b>COUNTIES</b>      |   |                                    |                    |                    |   |                                    |                    |
| Alger .....          | 1   | 1                                  | -                  | Lake .....         | 1   | 1                                  | -                  |
| Allegan .....        | 4   | 4                                  | -                  | Lapeer .....       | 5   | 5                                  | -                  |
| Antrim .....         | 1   | 1                                  | -                  | Leelanau .....     | 5   | 5                                  | -                  |
| Arenac .....         | 8   | 8                                  | -                  | Lenawee .....      | 4   | 4                                  | -                  |
| Baraga .....         | 2   | 2                                  | -                  | Livingston .....   | 9   | 9                                  | -                  |
| Barry .....          | 10  | 10                                 | -                  | Mackinac .....     | 3   | 3                                  | -                  |
| Bay .....            | 9   | 9                                  | -                  | Macomb .....       | 4   | 4                                  | -                  |
| Berrien .....        | 7   | 7                                  | -                  | Manistee .....     | 6   | 6                                  | -                  |
| Branch .....         | 9   | 9                                  | -                  | Marquette .....    | 4   | 4                                  | -                  |
| Calhoun .....        | 16  | 16                                 | -                  | Mason .....        | 8   | 8                                  | -                  |
| Cass .....           | 10  | 10                                 | -                  | Mecosta .....      | 1   | 1                                  | -                  |
| Charlevoix .....     | 2   | 2                                  | -                  | Menominee .....    | 1   | 1                                  | -                  |
| Cheboygan .....      | 5   | 5                                  | -                  | Midland .....      | 1   | 1                                  | -                  |
| Chippewa .....       | 15  | 15                                 | -                  | Missaukee .....    | 3   | 3                                  | -                  |
| Clare .....          | 1   | 1                                  | -                  | Monroe .....       | 14  | 14                                 | -                  |
| Clinton .....        | 10  | 10                                 | -                  | Montcalm .....     | 9   | 9                                  | -                  |
| Delta .....          | 12  | 12                                 | -                  | Montmorency .....  | 1   | 1                                  | -                  |
| Dickinson .....      | 2   | 2                                  | -                  | Muskegon .....     | 4   | 4                                  | -                  |
| Eaton .....          | 10  | 10                                 | -                  | Newaygo .....      | 8   | 8                                  | -                  |
| Emmet .....          | 5   | 5                                  | -                  | Oakland .....      | 5   | 5                                  | -                  |
| Genesee .....        | 14  | 14                                 | -                  | Oceana .....       | 6   | 6                                  | -                  |
| Gladwin .....        | 4   | 4                                  | -                  | Ogemaw .....       | 4   | 4                                  | -                  |
| Grand Traverse ..... | 3   | 3                                  | -                  | Osceola .....      | 8   | 8                                  | -                  |
| Gratiot .....        | 11  | 11                                 | -                  | Oscoda .....       | 1   | 1                                  | -                  |
| Hillsdale .....      | 22  | 22                                 | -                  | Otsego .....       | 8   | 8                                  | -                  |
| Houghton .....       | 1   | 1                                  | -                  | Ottawa .....       | 3   | 3                                  | -                  |
| Huron .....          | 2   | 2                                  | -                  | Presque Isle ..... | 4   | 4                                  | -                  |
| Ingham .....         | 15  | 15                                 | -                  | Saginaw .....      | 14  | 14                                 | -                  |
| Ionia .....          | 22  | 22                                 | -                  | St. Clair .....    | 10  | 10                                 | -                  |
| Iosco .....          | 4   | 4                                  | -                  | St. Joseph .....   | 5   | 5                                  | -                  |
| Iron .....           | 2   | 2                                  | -                  | Sanilac .....      | 8   | 8                                  | -                  |
| Isabella .....       | 4   | 4                                  | -                  | Schoolcraft .....  | 8   | 8                                  | -                  |
| Jackson .....        | 12  | 12                                 | -                  | Shiawassee .....   | 5   | 5                                  | -                  |
| Kalamazoo .....      | 9   | 9                                  | -                  | Tuscola .....      | 9   | 9                                  | -                  |
| Kalkaska .....       | 1   | 1                                  | -                  | Van Buren .....    | 15  | 15                                 | -                  |
|                      |   |                                    | -                  | Washtenaw .....    | 13  | 13                                 | -                  |
|                      |   |                                    | -                  | Wayne .....        | 7   | 7                                  | -                  |
|                      |   |                                    | -                  | Wexford .....      | 5   | 5                                  | -                  |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

<sup>2</sup> Data represent American Indian or Alaska Native farm or ranch operators on reservations who did not report individually. Data obtained from reservation officials.

**Table B. Selected Characteristics of Farms Operated by American Indians or Alaska Native Operators and For Total Farms: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics  | American Indian or Alaska Native operated farms <sup>1</sup> | Total farms | Percent of total | Characteristics                                  | American Indian or Alaska Native operated farms <sup>1</sup> | Total farms     | Percent of total |
|--|--|-------------|------------------|--|--|-----------------|------------------|
| <b>F FARMS AND LAND IN FARMS</b>   |  |             |                  |  |  |                 |                  |
| Farms .....  | 451  | 53,315      | 0.8              | <b>F FARM PRODUCTION EXPENSES - Con.</b>         |  |                 |                  |
| Land in farms .....  | 45,632   | 10,142,958  | 0.4              | Selected farm production expenses - Con.         |  |                 |                  |
| Estimated market value of land and buildings <sup>2</sup> .....          | \$1,000  | 222,690     | 0.8              | Fertilizer, lime, and soil conditioners .....    | \$1,000  | 518             | 241,158 0.2      |
| Average per farm .....   | dollars  | 420,963     | (X)              | Gasoline, fuels, and oils .....                  | \$1,000  | 671             | 145,503 0.5      |
| Average per acre .....   | dollars  | 1,111       | (X)              | Hired farm labor .....                           | \$1,000  | 808             | 469,731 0.2      |
| Estimated market value of all machinery and equipment <sup>2</sup> ..... | \$1,000  | 24,364      | 0.6              | Interest expense .....                           | \$1,000  | 999             | 211,406 0.5      |
| Average per farm .....   | dollars  | 47,962      | (X)              | Chemicals .....                                  | \$1,000  | 368             | 181,198 0.2      |
| Farms by size:   |  |             |                  | <b>L LIVESTOCK AND POULTRY</b>                   |  |                 |                  |
| 1 to 9 acres .....   |  | 45          | 3,235            | Beef cows inventory .....                        | farms  | 75              | 8,144 0.9        |
| 10 to 49 acres .....   |  | 204         | 18,663           | number   | 835  | 117,564 0.7     |                  |
| 50 to 179 acres .....  |  | 141         | 18,605           | Milk cows inventory .....                        | farms  | 14              | 3,013 0.5        |
| 180 to 499 acres .....   |  | 45          | 7,993            | number   | 742  | 298,429 0.2     |                  |
| 500 to 999 acres .....   |  | 10          | 2,856            | Cattle and calves sold .....                     | farms  | 78              | 11,293 0.7       |
| 1,000 acres or more .....  |  | 6           | 1,963            | number   | 998  | 516,107 0.2     |                  |
| Total cropland .....   | farms  | 381         | 47,904           | Hogs and pigs inventory .....                    | farms  | 32              | 2,180 1.5        |
|  | acres  | 31,617      | 7,983,574        | number   | 485  | 927,400 0.1     |                  |
| Harvested cropland .....   | farms  | 278         | 38,244           | Hogs and pigs sold .....                         | farms  | 30              | 2,336 1.3        |
|  | acres  | 24,251      | 6,827,903        | number   | 547  | 2,789,197 (Z)   |                  |
| Irrigated land .....   | farms  | 42          | 4,413            | Sheep and lambs inventory .....                  | farms  | 32              | 2,236 1.4        |
|  | acres  | 1,061       | 456,278          | number   | 879  | 88,541 1.0      |                  |
| <b>TENURE</b>  |  |             |                  |  |  |                 |                  |
| Full owners .....  | farms  | 340         | 37,089           | Sheep and lambs sold .....                       | farms  | 18              | 1,377 1.3        |
|  | acres  | 21,233      | 3,325,819        | number   | 525  | 67,556 0.8      |                  |
| Part owners .....  | farms  | 96          | 14,199           | Horses and ponies inventory .....                | farms  | 203             | 14,988 1.4       |
|  | acres  | 23,743      | 6,317,989        | number   | 1,394  | 104,949 1.3     |                  |
| Tenants .....  | farms  | 15          | 2,027            | Horses and ponies sold .....                     | farms  | 38              | 3,238 1.2        |
|  | acres  | 656         | 499,150          | number   | 156  | 11,615 1.3      |                  |
|  |  |             |                  | Bison inventory .....                            | farms  | 5               | 162 3.1          |
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>                        |  |             |                  |  |  |                 |                  |
| Market value of agricultural products sold (see text) .....              | \$1,000  | 8,942       | 0.2              | Bison sold .....                                 | farms  | 176             | 4,057 4.3        |
| Average per farm .....   | dollars  | 19,828      | (X)              |  | number   | 3               | 60 5.0           |
| Crops, including nursery and greenhouse crops .....                      | \$1,000  | 6,410       | 0.3              | <b>L LAYERS AND BROILERS</b>                     |  |                 |                  |
| Livestock, poultry, and their products .....                             | \$1,000  | 2,533       | 0.2              | Layers 20 weeks old and older inventory .....    | farms  | 69              | 3,491 2.0        |
|  |  |             |                  | number   | 2,223  | 7,308,261 (Z)   |                  |
| <b>F FARMS BY ECONOMIC CLASS (SEE TEXT)</b>                              |  |             |                  |  |  |                 |                  |
| Less than \$1,000 .....  |  | 172         | 17,442           | Broilers and other meat-type chickens sold ..... | farms  | 21              | 659 3.2          |
| \$1,000 to \$2,499 .....   |  | 81          | 5,849            | number   | (D)  | 4,027,972 (D)   |                  |
| \$2,500 to \$4,999 .....   |  | 52          | 4,749            | <b>S SELECTED CROPS HARVESTED</b>                |  |                 |                  |
| \$5,000 to \$9,999 .....   |  | 42          | 5,107            | Corn for grain .....                             | farms  | 57              | 13,613 0.4       |
| \$10,000 to \$24,999 .....   |  | 34          | 6,429            | acres  | 4,862  | 2,007,021 0.2   |                  |
| \$25,000 to \$49,999 .....   |  | 28          | 4,019            | bushels  | 590,054  | 234,709,542 0.3 |                  |
| \$50,000 to \$99,999 .....   |  | 18          | 3,229            | acres  | 8  | 3,362 0.2       |                  |
| \$100,000 or more .....  |  | 24          | 6,491            | tons   | 515  | 233,601 0.2     |                  |
| <b>OTHER FARM CHARACTERISTICS</b>  |  |             |                  |  |  |                 |                  |
| Farms reporting -  |  |             |                  | Wheat for grain, All .....                       | farms  | 9,232           | 3,447,251 0.3    |
| Computers for farm business .....  |  | 200         | 20,937           | acres  | 21   | 6,561 0.3       |                  |
| Internet access .....  |  | 277         | 27,663           | bushels  | 1,383  | 433,783 0.3     |                  |
| Farms by type of organization:   |  |             |                  | Winter wheat for grain .....                     | farms  | 100,485         | 28,248,938 0.4   |
| Family or individual .....   |  | 423         | 48,070           | acres  | 21   | 6,488 0.3       |                  |
| Partnership .....  |  | 17          | 3,172            | bushels  | 1,383  | 430,193 0.3     |                  |
| Corporation .....  |  | 8           | 1,817            | acres  | 100,485  | 28,080,725 0.4  |                  |
| Other-cooperative, estate or trust, institutional, etc .....             |  | 3           | 256              | bushels  | -  | -               |                  |
| <b>F FARM PRODUCTION EXPENSES</b>  |  |             |                  | Durum wheat for grain .....                      | farms  | -               | -                |
| Total farm production expenses .....                                     | \$1,000  | 11,040      | 0.3              | acres  | -  | -               |                  |
| Selected farm production expenses:                                       |  |             |                  | bushels  | -  | -               |                  |
| Livestock and poultry purchased .....                                    | \$1,000  | 164         | 0.1              | Spring wheat for grain .....                     | farms  | 116             | -                |
| Feed purchased .....   | \$1,000  | 681         | 0.2              | acres  | -  | -               |                  |
|  |  |             |                  | bushels  | -  | -               |                  |
|  |  |             |                  | Barley for grain .....                           | farms  | 3               | 168,213 -        |
|  |  |             |                  | acres  | (D)  | 400 (D)         |                  |
|  |  |             |                  | bushels  | (D)  | 11,620 (D)      |                  |
|  |  |             |                  | Oats for grain .....                             | farms  | 9               | 576,461 (D)      |
|  |  |             |                  | acres  | 345  | 2,756 0.3       |                  |
|  |  |             |                  | bushels  | 24,680   | 63,485 0.5      |                  |
|  |  |             |                  | Sunflower seed, All .....                        | farms  | 2               | 3,994,940 0.6    |
|  |  |             |                  | acres  | (D)  | 91 2.2          |                  |
|  |  |             |                  | pounds   | (D)  | 2,275 (D)       |                  |
|  |  |             |                  | Soybeans for beans .....                         | farms  | 38              | 3,381,523 (D)    |
|  |  |             |                  | acres  | 6,037  | 11,683 0.3      |                  |
|  |  |             |                  | bushels  | 241,619  | 2,055,424 0.3   |                  |
|  |  |             |                  | tons, dry  | 20,269   | 78,197,248 0.3  |                  |

<sup>1</sup> Data were collected for a maximum of three operators per farm or ranch on places where operators would identify themselves as American Indian or Alaska Native.

<sup>2</sup> Data are based on a sample of farms.

**Table C. Selected Operator Characteristics for American Indians or Alaska Natives and For Total Reporting: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Characteristics            | American Indian or Alaska Native operators reporting <sup>1</sup> | Total operators reporting <sup>1</sup> | Characteristics                                | American Indian or Alaska Native operators reporting <sup>1</sup> | Total operators reporting <sup>1</sup> |
|----------------------------|---|--|--|---|--|
| Operators .....            | 499   | 78,193                                 | Years on present farm:                         |   |  |
| 2 years or less .....      |   |  | 2 years or less .....                          | 12  | 3,201                                  |
| 3 or 4 years .....         |   |  | 3 or 4 years .....                             | 44  | 5,731                                  |
| 5 to 9 years .....         |   |  | 5 to 9 years .....                             | 144   | 14,259                                 |
| 10 years or more .....     |   |  | 10 years or more .....                         | 299   | 55,002                                 |
| Sex of operator:           |   |  | Age group:                                     |   |  |
| Male .....                 | 285   | 56,366                                 | Under 25 years .....                           | 11  | 1,739                                  |
| Female .....               | 214   | 21,827                                 | 25 to 34 years .....                           | 35  | 5,207                                  |
| Primary occupation:        |   |  | 35 to 44 years .....                           | 105   | 16,864                                 |
| Farming .....              | 222   | 40,552                                 | 45 to 54 years .....                           | 211   | 22,621                                 |
| Other .....                | 277   | 37,641                                 | 55 to 64 years .....                           | 94  | 17,308                                 |
| Place of residence:        |   |  | 65 to 74 years .....                           | 32  | 9,544                                  |
| On farm operated .....     | 444   | 66,592                                 | 75 years and over .....                        | 11  | 4,910                                  |
| Not on farm operated ..... | 55  | 11,601                                 | Average age of -                               |   |  |
| Days worked off farm:      |   |  | All operators <sup>1</sup> .....               | 49.3  | 52.0                                   |
| None .....                 | 167   | 33,711                                 | Principal operator .....                       | 51.8  | 54.2                                   |
| Any .....                  | 332   | 44,482                                 | Second operator .....                          | 47.0  | 48.4                                   |
| 1 to 49 days .....         | 32  | 4,133                                  | Third operator .....                           | 38.4  | 40.6                                   |
| 50 to 99 days .....        | 18  | 2,521                                  | Living on an American Indian reservation ..... | 8   | 169                                    |
| 100 to 199 days .....      | 42  | 5,689                                  |  |   |  |
| 200 days or more .....     | 240   | 32,139                                 |  |   |  |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

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## Appendix C. Statistical Methodology

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### THE CENSUS MAIL LIST AND SCREENER PHASE

The National Agricultural Statistics Service (NASS) maintains a list of farmers and ranchers from which the census mail list (CML) is compiled. The goal is to build as complete a list as possible of agricultural places that produce and sell, or would normally sell, \$1,000 or more of agricultural products per year. This is the same list used to define sampling populations for NASS surveys conducted for the agricultural estimates program. Each record on the list includes name, address, and telephone number plus additional information used to efficiently sample and administer the NASS census of agriculture and its agricultural estimates programs.

NASS builds and improves the list on an ongoing basis by obtaining outside source lists. Sources include state and federal government lists, producer association lists, seed grower lists, pesticide applicator lists, veterinarian lists, marketing association lists, and a variety of other agriculture-related lists. NASS occasionally obtains special commodity lists to address specific list deficiencies. In 2000, NASS began an intensive push to increase list coverage in preparation for the census.

Most names on a newly acquired list are already on the list sampling frame. Those found on the list are set aside. Those not found are treated as potential farms until NASS can confirm their existence as a qualifying farm. Field offices routinely contact these potential farms to determine their status, however, the increased pre-census list building activity generated much more followup work.

Beginning in April 2002, NASS conducted the 2002 Farm Identification Survey to screen 591,288 potential farms before placing them on the CML. These records were mailed a one-page report form and a nonresponse

followup mailing was made in May 2002. A second mailing to a group of 568,692 additional potential farm records was conducted in mid-July 2002. There was no followup mailing. The entire screener phase confirmed 349,664 qualifying farms that were added to the CML. A total of 282,901 names were confirmed as out of scope and were dropped from the list. Names returned as undeliverable-as-addressed totaled 92,203 and they were excluded from further census mailings. The remaining 435,212 names did not respond and were mailed census forms although they were not added to the CML as active farms.

During the spring and summer of 2002, measures were taken to improve name and address quality. Checks were made to detect and remove duplication both within states and across states. List addresses were processed through the National Change of Address registry and the Locatable Address Conversion System to ensure they were correct and complete. Records on the mail list with missing or invalid phone numbers were matched against a nationally available telephone database to obtain as many phone numbers as possible.

Records requiring special handling for census data collection or for analysis and summarization were identified. These were mostly farms considered unique because of their size or because they produced specialty commodities.

The official CML was established on September 1, 2002. The list contained 2,841,788 records. There were 1,839,533 records that were thought to meet the NASS farm definition and 1,002,255 potential farm records.

### CENSUS SAMPLE DESIGN

All name and address records on the final CML received a 2002 Census of Agriculture report form. Two different types of census report forms, sample and

nonsample, were used to collect data. Sections 1 through 16 and 22 through 25 of the sample form were identical to sections on the nonsample census form. Sections 17 through 21 of the sample form contained additional questions on usage of fertilizers and chemicals, farm production expenditures, value of machinery and equipment, value of land and buildings, and hired workers. There were 12 regional versions of the nonsample form and 13 regional versions of the sample form with listings of crops varying by region.

The sample form was mailed to all mail list records in Alaska and Rhode Island and to a sample of records in other states. Mail list records were selected into the sample with certainty if they (1) were expected to have large total value of agricultural products sold or large acreage, (2) were in a county with less than 100 farms in 1997, or (3) had other special characteristics (e.g., abnormal farms such as institutional farms, experimental and research farms, Indian reservations, etc.). Mail list records in counties containing 100 to 199 farms in 1997 were systematically sampled at a rate of 1 in 2; counties containing 200 to 299 farms in 1997 were systematically sampled at a rate of 1 in 4; counties containing 300 to 399 farms in 1997 were systematically sampled at a rate of 1 in 6; and counties containing 400 or more farms in 1997 were systematically sampled at a rate of 1 in 8. The mail list records not chosen to receive the sample form received the nonsample form. This differential sampling scheme was used to provide reliable data for the sample sections of the report form for all counties.

The regional report form versions and the sampling scheme were used to provide reliable data for a large number of items/commodities at the county level, while reducing response burden.

## **EDITING DATA AND IMPUTING FOR ITEM NONRESPONSE**

The mailing label on all forms returned to the National Processing Center (NPC) were scanned using bar code readers to capture identifiers and for check-in purposes. Forms determined to represent qualifying, in-scope farms were submitted for imaging. A snapshot was taken of each page of every report form and optical mark recognition (OMR) and intelligent character recognition (ICR) techniques were used to capture reported data from the images. The ICR engine

determined a confidence level for every cell read. Any cell with a confidence level below a prescribed value was referred to analysts to review and correct from the image, when necessary. The images and the captured data were transferred to NASS on a flow basis. Data collected by telephone were captured using computer-assisted telephone interview software.

Captured data were processed through a format program. This program verified that record identifiers were valid and checked the basic integrity of the data fields. Rejected records were referred to analysts for correction. Accepted records were posted to the database.

All 2002 census data were passed through a complex computer edit. Data were batched by state for submission to the computer edit. The edit determined whether a reporting operation met the minimum criteria to be counted as a farm in the census. Operations failing to meet the minimum criteria were referred to analysts for verification. The edit examined each report for reasonableness and completeness and determined whether to accept, delete, impute (supply), or alter the reported value for each data record item.

Whenever possible, imputations, deletions, and changes made by the editing system were based on related data on the respondent's report form. For some items, such as operator characteristics, available data for that farm from the previous census were used. Values reported on previous NASS surveys were used, where applicable.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in the same state or in a neighboring state with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report bushels of corn harvested, was assigned the same bushels of corn per acre harvested as that of another farm from that region having similar characteristics and reporting an acceptable yield. Assigned values for one operation could come from more than one respondent because imputation for missing items in each section of the report form was conducted separately.

Each execution of the computer edit consisted of records from only one state. Successfully edited records were made available as potential "donors," to supply values needed in subsequent imputations. These records were accumulated into pools of donors according to geographic location, so that each pool might be used during the computer edit of any reports from appropriate states. When imputation was required, a report's collective imputation needs for a section were used to identify a group of matching variables for the report which contained acceptable data relating to the missing items. For example, acres of corn harvested would be a matching variable for bushels of corn harvested, in consideration of the high correlation between the two items.

Similarity to the report being edited was evaluated for the matching variables for all farms in the appropriate donor pool. Values were imputed from the donor report considered most similar, referred to in this context as the "nearest neighbor" to the report being edited. Similarity between the edited record and a donor was calculated as the Euclidean distance between their selected matching variables. As part of the distance computation, the values of the matching variables were normalized to have the same variance within each donor pool. Latitude and longitude were consistently included in all imputation requests as matching variables, so that geographic proximity played a role in all donor selections.

Imputation conformed to logic provided by the complex edit. When appropriate, only donors able to contribute a nonzero imputed value were considered. For a farm reporting harvested corn acreage, for example, imputed bushels of corn harvested would be taken only from farms with harvested corn. In addition, imputed values were often adjusted. In some cases, acceptable data in another field of the edited report were used to establish a ratio between the edited report and the donor report. This proportion was applied to the imputed value as a scale factor. In the corn example, total bushels of corn from the donor would be scaled by the ratio of the acres of corn in the edited report to those in the donor report.

To maintain consistency with the complex edit, the imputed values in most sections of the report were tested to ensure they satisfied critical relationships among items within the section. If any of these

constraints were not met, alternative donors were considered in order of their similarity to the edited report, until all the constraints for the module were satisfied.

In some cases, nearest-neighbor imputation was not possible. The requirement of a positive imputed value might rule out all available donors, resulting in an imputation failure. However, if some members of the donor pool were found to satisfy this requirement, then as many as 25 nearest neighbors were given further consideration. But if none of the candidate donors could provide qualifying data, the result was also noted as an imputation failure. Processing of records that encountered these imputation failures was suspended at the section where the failure occurred. These records were made available for analyst review and later reconsidered by the automated edit as a followup to corrective actions taken by the analyst.

The donor pool for each region was frequently updated with records from its area which had completed the editing process. As records were added to the donor pool, the records became available to donate values to incomplete reports subsequently edited for that region. Prior to editing, all donor pools were empty and no donors were available. Initial donor pools were created by giving special treatment to the first batches of data received from each state. Similar to the way that imputation failures were resolved through analyst review of the reports, early reports from initial batches were reviewed and adjusted manually by teams of analysts. This process was employed until each donor pool became self-sufficient in consistently providing imputed values for its region through the automated nearest-neighbor selection process.

To streamline editing once they had reached a mature stage in their growth, donor pools for some regions were not expanded in size beyond a chosen plateau. This provided assurance that computer edits would not exceed a reasonable processing time for nearest-neighbor searches. Although their size was limited, these donor pools did not become static. They were regularly recreated with representative samples of all records available from their regions. Within a given region, all successfully edited sample form records were included in the appropriate donor pool. Successfully edited nonsample form records were ordered by farm size and sales volume for a given

region, and then systematically sampled. Every “ith” record from the nonsample form list was joined to the complete list of sample forms for its region to form a refreshed donor pool. The steady renewal of donor pools for regions with large numbers of records assured a more diverse selection of donors over time.

All records with data changes were resubmitted to the edit to verify that acceptable corrections were made. Records with imputation failures were referred to an analyst for resolution. Corrected data were posted and the record was re-edited.

The complex edit ensured the full internal consistency of the record. Analysts were provided an additional set of tools to review record-level data across farms. These examinations detected extreme outliers or unique data distribution patterns that were possibly a result of reporting, recording, or handling errors. Potential problems were researched and, when necessary, corrections were made and the record re-edited.

## **NONRESPONSE AND SAMPLE ESTIMATION**

Statistical estimation procedures were used to account for whole farm nonresponse and sample data collection. The procedures for nonresponse were necessary because some farm operators did not respond to the census despite numerous attempts to contact them. Statistical estimates for sample-form-only data items had to be calculated since, by design, the data were not collected from every farm. Nonresponse and sample estimation procedures were not applied in Alaska and Rhode Island because all farms received the sample form and data were collected from all farms.

### **Treatment of Farms Selected for the Screener Phase**

The screener phase and followup strategies resulted in several possible outcomes depending on whether the screener name responded and was in or out of scope. Each of these outcomes was handled differently to adjust for nonresponse.

Names responding to the screener as out of scope (nonfarms) were excluded from the CML. If the

respondent answered the screener as in scope, the respondent was added to the CML and received a census form. If this in-scope screener respondent answered the census form, the operation’s report was eligible to be used to help account for nonrespondents to the census. If the in-scope screener respondent failed to respond to the census form, that operation’s data were accounted for by census respondents.

Records for operations that did not respond to any of the three screener mailings were not considered to be part of the CML, but they were sent a census form. Screener nonrespondents that responded as in-scope operations on the census were assigned a fixed nonresponse weight of 1 for census tabulations. Screener nonrespondents that failed to respond to the census form were treated in summarization as if they never existed on a mail list.

### **Whole Farm Nonresponse Estimation**

Whole farm nonresponse to the census occurred when no data were received from an operation on the CML. Records deemed to represent either a large farm, as defined by the total value of production or acreage, or a unique farm operation received intensive telephone or personal followup during census processing to obtain a response. If these attempts failed, data were imputed for the record. These large and/or unique records were designated as “Must” records and were assigned a fixed nonresponse weight of 1, meaning their data were not used for nonresponse adjustment. Screener respondents with reported sales above a certain level automatically became Must records.

During mail list development, the field offices, in an effort to reduce respondent burden, identified operations that participated in multiple NASS surveys, and those that had special reporting relationships with an enumerator. The records for these operations were “Tagged.” The field offices assumed full responsibility for the data collection for any Tagged operations, including imputing data for them if a response was not obtained. Tagged records became Must records. They had a nonresponse weight of 1 and the reports were not used for nonresponse adjustments.

Whole farm nonresponse that occurred within the remaining universe of records, called non-Musts, was

accounted for by a statistical weighting procedure. All responding non-Musts in a state were put into mutually exclusive weighting groups based on their size and county as recorded on the CML database. Statistical models were used to estimate the number of nonresponse farms that were in scope for each weighting group. The weights of the responding farms in each weighting group were increased to account for nonresponding farms in that group.

Throughout the data collection period, changes and additions were made to the CML. Records added after the initial CML was created on September 1, 2002 were designated as new adds, treated like screener nonrespondents, and given a nonresponse weight of 1. New adds responding as in-scope records to the census were subsequently subtracted from the measurement of undercoverage. New adds linked to operations originally on the CML were not considered new adds. New adds occurred any time after the CML creation and before final weighting in February, 2004.

Some operators were sent more than one census form. These operators were required to fill out a separate form for each operation. Also, an operator may have had an operation for which a census form was not received, but the existence of which was noted on the form of the known operation. That operator was sent a new census form or enumerated by telephone to obtain data for that previously unknown operation. If a response was obtained for the previously unknown operation, the nonresponse weight for the new record was set equal to the nonresponse weight for the original operation reporting its existence. If no response was obtained for the previously unknown operation, it was treated as out of scope.

Some large farms operating in more than one county were treated as distinct county-specific operations to more accurately allocate data to counties. Similarly, large farms operating in more than one state were treated as distinct state-specific operations. Split add records were created for these operations and they were assigned the same nonresponse weight as the original CML operation. Controls ensured the calculated and nonresponse weights never exceeded 2. The nonresponse weights were systematically rounded to integers and an integerized weight of either 1 or 2 was assigned to each record. The integerization process eliminated any impact rounding would have

had on census farm counts and totals in each county and in cross tabulations.

Tables A and C quantify the effect of the nonresponse estimation procedures on selected census data items. These tables contain percentages of the census aggregates that were contributed by nonresponse adjustments. As noted earlier, names included in the screener sample that never responded were treated as if they never existed on a mail list. Any in-scope farm in this group was missed and, consequently, “attributed” to the coverage adjustment. This is shown in Table C. For selected items, estimates of what was attributed were reallocated to nonresponse to obtain “corrected” values, which appear in Table A. This was possible at the state level only. The differences between state-level nonresponse adjustment numbers in the first line of Table C and their counterparts in Table A represent the amount reallocated.

There was no such reallocation in Hawaii because records in that state were not adjusted to account for coverage errors. No tables appear for Alaska because records were not adjusted for nonresponse or coverage.

The estimates provided in Tables A and C do not reflect the effect of item nonresponse on individual census data items. The effect of this item nonresponse is discussed in the “Nonmeasurable Census Error” section.

## Sample Estimation

All Must records were preselected to receive the census sample form. Non-Must records were sampled to determine which would receive the sample form and which the nonsample form. All records in some small counties automatically received the census sample form but these records were not necessarily Must records. Nonresponse adjustment was allowed for the non-Musts.

Weights applied to the sample items appearing on the sample form only (Sections 17 through 21) were calculated by multiplying the farm’s coverage-adjusted weight, which is described later, by the sample factor (e.g., 6 for a farm sampled with a 1-in-6 rate, 1 for a Must). An adjustment was made that ensured the number of farms operating in a county as estimated from the sample matched the number estimated from

the full census. Before computing published tabulations based on the sample, each record's sample weight was integerized to eliminate the impact rounding would have had on census farm counts and totals.

Operators with more than one operation were sampled as one record and received the same census form for each operation. Operations added after sampling were treated differently depending on whether or not the record was linked to a record on the original CML. Added operations that linked to a record on the original CML were mailed the same census form as the original CML operation. Added operations that were **not** linked to a record on the original CML were mailed the sample form.

## MEASURABLE CENSUS ERROR

The root mean squared error of an estimated data item from the census provides a measure of the error a field office associated with completing a census. It measures the variation in the value of that estimated data item based on all possible outcomes of the census collection, including variants as to who was on the census list, who returned a census form and who was selected to fill out the sample form.

Data items were classified as either complete count items or sample count items. Sample count items were collected only on the sample version of the census report form. Complete count items were collected from all respondents. Variability in the estimates of complete count items was due only to the nonresponse and coverage estimation adjustment procedures. Variability in the estimates of sample count items was due to both the adjustment procedures and the census sample selection and estimation procedure. Therefore, variability in the sample count item estimates tends to be larger than the variability in the complete count item estimates.

Table B presents the fully adjusted total with the root mean squared error for selected items. The relative root mean squared error is obtained by dividing the root mean squared error by the value of the estimate and then multiplying by 100. The table also includes the percent contribution to the mean squared error (the square of the root mean squared error) from nonresponse adjustment and sampling and from

coverage adjustment. Mean squared errors for Hawaii are entirely due to nonresponse adjustment.

Nonsampling error due to mail list incompleteness and duplication as well as misclassification of records on the mail list is called coverage error. The section titled "Classification Error Study" addresses attempts to assess, at least qualitatively, the impact of classification error on the census results.

## NONMEASURABLE CENSUS ERROR

The accuracy of the census counts is affected jointly by the measurable errors described in the previous section and by nonmeasurable errors (nonmeasurable in the sense of not being included in root mean squared error estimates). Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form with instructions, and to minimize processing errors through the use of quality control measures. Despite these efforts, nonmeasurable errors are inevitable and arise from many sources, including respondent or enumerator error, incorrect data capture, editing, and imputing for missing data. These errors are discussed in this section.

### Respondent and Enumerator Error

Incorrect or incomplete responses to the census report form or to the questions posed by an enumerator can introduce error into the census data. To reduce reporting error, detailed instructions for completing the report form were provided to each respondent. Questions were phrased as clearly as possible based on previous tests of the report form. Computer-assisted telephone interviewing software included immediate integrity checks of recorded responses so suspect data could be verified or corrected. In addition, each respondent's answers were checked for completeness and consistency by the complex edit and imputation system.

### Item Nonresponse

As information flowed from data collection to tabulation, various types of item nonresponses were identified on the census report forms. Nonresponse to particular questions on the form that logically should have been present created a type of nonsampling error

in both complete count and sample count data. In this case, information from a similar farm was used to impute for these missing data items. The resulting data may have been biased if the characteristics of the nonreporting farms were different from those of reporting farms for those items. The section titled “Editing Data and Imputing for Item Nonresponse” provides a detailed explanation of item imputation procedures.

## Processing Error

All phases of processing for each census report form were potential sources of nonsampling error. An automated check-in procedure recorded that the report had been returned and excluded it from further followup mailings. Approximately one-third of the mail returns were reviewed to resolve questions dealing with multiple reports, respondent remarks, or no reported data. The remaining mail returns (about two-thirds), along with some of the reviewed cases containing farm data, were batched and sent directly to imaging and data capture. Data were transmitted, formatted, and run through the complex edit and imputation system to ensure within record consistency. About one-fifth of all forms edited were clerically reviewed for inconsistencies, omissions, or questionable values. While reviewing these forms, staff determined if the action taken by the computer edit and imputation system was correct. Additional analysis tools were used to examine data across records for distributional irregularities and extreme values. Edited records were tabulated to the county level. Each county was reviewed and, when necessary, individual records were corrected prior to publication.

Developing accurate processing methods is complicated by the complex structure of agriculture. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing changes in the relationship of operators to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agriculture operations, the difficulty of contacting and identifying some types of contractor/contractee relationships, the operator’s absence from the farm during the data collection period, and the operator’s opinion that part or all of the operation does not qualify and should not be included in the census.

During data collection and processing of the census, all operations underwent a number of quality control checks to ensure results were as accurate as possible.

## COVERAGE ADJUSTMENT

Although much effort was expended making the CML as complete as possible, the coverage of farms was not complete. NASS’s goal was to produce agricultural census totals for publication that were fully adjusted for list undercoverage at the county level. Estimates of the undercoverage for a specified set of farm characteristics, called calibration variables, were computed using an area-frame sample. Initial weights were assigned to census respondents to account for nonresponse, and these weights were further adjusted to compensate for estimated state-level undercoverage for each of the calibration variables based on the area frame sample. Each farm with census data was assigned a fully-adjusted weight by this process and county-level totals were generated for every census variable, not just the calibration variables. The section titled “Calibration Algorithm” provides a list of the area frame based calibration variables.

To further improve coverage adjustment, a second set of targets and ranges were added to the calibration effort. These were well established commodity totals for which excellent check data were available for validation. The introduction of these commodity targets strengthened the overall coverage adjustment process by limiting the possible adjustments produced by the area frame based targets to ensure major commodity totals remained within reasonable bounds of established benchmarks.

Most targets were determined at the state level. The one exception was the New England states - Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont - which were combined into one “calibration region.” In what follows, “state” refers to the calibration region for New England. Coverage adjustments were not made in Alaska and Hawaii.

## Measuring Mail List Undercoverage

Census mail list undercoverage was measured using an independent survey of land segments selected from the NASS area frame. The NASS area frame covers all

land in the U.S. and includes all farms. Each June, NASS conducts a survey that enumerates area frame segments for agricultural activity. The sampled segments are allocated to provide accurate measures of acres planted to widely grown crops and inventories of hogs and cattle.

The 2002 June Agricultural Survey (JAS) was supplemented with the 2002 Agricultural Coverage Evaluation Survey (ACES) to better estimate CML incompleteness. The ACES used a sample of segments allocated in a way that, when pooled with the JAS, ensured accurate measures of number of farms and land utilization could be obtained. Enumerators visited all segments, identified all farms operating land in each segment, and obtained basic data about those farms.

The names and addresses collected in the 2002 JAS and 2002 ACES were matched to the census mail list. Farms that did not match were re-contacted after the census mailout to confirm that they did not receive a census form. Farms that had not received a census form represented the farms not on the mail list (NML). Those who received a census form had been erroneously classified as NML and were removed.

The percentage of farms missed in the census varied considerably by state. In general, farms not on the mail list tended to be small in acreage, production, and sales of agricultural products. Farm operations were missed for various reasons, including the possibility that the operation started after the mail list was developed, the operation was so small as not to appear in any agriculture-related source lists, or the operation was falsely classified as a nonfarm prior to mailout.

### Determining Targets to Correct for Undercoverage

The 2002 June Agricultural Survey consisted of 11,075 land segments and the 2002 Agricultural Coverage Evaluation Survey (ACES) added 2,400 segments. Data values a field office associated with NML tracts were used to estimate the state-level undercoverage of the CML for the first set of calibration variables. The state-level totals for these variables were then summed to yield national totals.

The national NML estimate for the number of farms

was used directly in determining calibration targets (CML + NML). State-level farm-count estimates based on the NML sometimes had unacceptably high standard errors, as well as apparent systematic biases. These estimates were smoothed across states based on separate NASS surveys and previous analysis.

Other calibration targets were derived from the NML-estimated fractions of farms of certain types (i.e. in a particular sales class or with a principal operator of a particular race). Most of these had unacceptably high state-level standard errors. As a result, more reliable national-level NML estimates were used to smooth state estimates. The smoothed state NML-estimated fraction was computed by taking a weighted average of the actual state estimate and a prediction for the state based on national- and state-level numbers (i.e., the number of NML farms in the state, the fraction of farms with black owners on the state's CML, and the national relative difference between the fraction of black owners on the NML and CML). The weighting factor was chosen to approximately minimize mean squared error under a random effects model. The smoothed NML-estimated fractions were multiplied by the corresponding smoothed NML farm-count estimates described above and added to corresponding CML estimates to obtain coverage-adjusted state-level totals, that served as calibration targets.

### Tolerance Ranges

Although full calibration would assure that the weighted total among census respondents equaled its target for each calibration variable in either set, it was not always possible to calibrate to such a large number of target values while keeping all farm weights within a reasonable range (for example, the weight for any farm cannot be less than one). Because of this and because calibration targets are estimates themselves subject to uncertainty, NASS allowed some tolerance in the determination of coverage-adjusted weights. Rather than forcing the total for each calibration variable computed using the coverage-adjusted weights to equal a specific amount, NASS allowed the estimated total to fall within a tolerance range. This tolerance strategy sometimes made it possible for the calibration algorithm to produce a set of satisfactory coverage-adjusted weights that it would not have otherwise.

Ranges for the first set of calibration variables used to adjust for undercoverage were determined differently from the second set used to adjust for measurement error. The number of farms had no tolerance range. The tolerance range for every other variable in the first set was the estimated state total for the variable (CML + NML) plus or minus one-half of one estimated standard error. This choice limited the cumulative deviation from the estimated total for a variable when state-level totals were combined to create a U.S.-level total. These ranges did not have to be symmetric around the target value.

## Calibration Algorithm

Coverage adjusted weights were obtained by an algorithm based on the restricted regression algorithm referred to by Singh and Mohl (1996) as the Linear Truncated Method. Coverage adjustments began with the nonresponse weights before integerization. The final coverage-adjusted weights were restricted to the interval [1,6].

The calibration variables were based on the following reported items:

1. Total market value of agricultural products sold and government payments.

|                   |                       |
|-------------------|-----------------------|
| \$0               | \$5,000 - \$24,999    |
| \$1 - \$999       | \$25,000 - \$99,999   |
| \$1,000 - \$2,499 | \$100,000 - \$499,999 |
| \$2,500 - \$4,999 | \$500,000 and above   |

2. Age of principal operator.

|                        |
|------------------------|
| Less than 25 years old |
| 25 - 34                |
| 35 - 44                |
| 45 - 54                |
| 55 and older           |

3. Sex of principal operator.

Female

4. Race of principal operator (selected categories).

Black, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander

5. Principal operators of Spanish, Hispanic, or Latino origin.
6. Number of farms and land in farms.
7. Number of extreme operations (very large or unusual farms).
8. Selected types of farms by commodity produced.
  - All cattle farms
  - Dairy farms
  - Hog/pig farms
  - Horse/Equine farms
  - Poultry farms
  - Sheep/goat farms
  - Fruit/nut/berry farms
  - Nursery/horticulture farms
  - Tobacco farms
  - Vegetable and melon farms
9. Various commodity acreage and production statistics (varies by state).
  - Beef cow inventory
  - Broiler production
  - Cattle on feed inventory
  - Layer inventory
  - Milk cow inventory
  - Total cattle and calves inventory
  - Total hog and pig inventory
  - Alfalfa acres harvested (South Dakota only)
  - Apples acres harvested
  - Corn acres harvested
  - Cotton bales produced
  - Grape acres harvested
  - Hay acres harvested
  - Lettuce acres harvested
  - Potato acres harvested
  - Rice acres harvested
  - Soybean acres harvested
  - Sugarbeet acres harvested
  - Sugarcane acres harvested
  - Tobacco acres harvested
  - Tomatoes acres harvested
  - Total orange acres
  - Wheat acres harvested
  - Durum wheat acres harvested (North Dakota only)

Other spring wheat acres harvested (North Dakota only)

## Integerization and Sample Weights

Coverage-adjusted weights were integerized to eliminate the need for rounding estimated counts computed with coverage-adjusted weights. The integerization process minimized county-level impact on the nonresponse and coverage adjustment of number of farms and total land in farms.

Sample weights were computed by multiplying coverage-adjusted weights before integerization with the appropriate sampling factors and adjusting the results to add up to matched census counts as described previously. Sample weights were then integerized.

## Measuring the Amount of Coverage Adjustment

Tables A and C display the proportions of selected census data items that are due to nonresponse and coverage adjustments. The section of this appendix on whole farm nonresponse adjustment explained how the nonresponse adjustment values were determined. The coverage adjustment values account for the rest of the differences between the weighted and unweighted totals for these data items. Some estimated coverage adjustments are negative. The use of commodity targets in calibration indirectly exposed some duplication on the census list resulting in negative coverage adjustments.

## CLASSIFICATION ERROR STUDY

The 2002 Classification Error Study (CES) was conducted for the conterminous U.S. to study the potential impact of classification error on the census results. The study used data from the 2002 June Agricultural Survey (JAS) and the 2002 Agricultural Coverage Evaluation Survey to examine farms incorrectly classified as nonfarms (undercount), nonfarms incorrectly classified as farms (overcount), and duplication of farms (overcount) in the 2002 Census of Agriculture. The CES was not intended to adjust census farm counts, but rather, to evaluate procedures and to identify potential improvements in list building, data collection, and other activities in

preparation for future censuses.

For the evaluation, additional name, address, and telephone information were collected on both the JAS and ACES by adding the following three questions:

1. During the past two years, has the operator received mail for this operation at any address other than the one shown on the face page?
2. Excluding partners and landlords, were any other names associated with this operation in the past two years? (For example, other business names, spouses names, etc).
3. Is any of the land inside the blue tract boundary rented from others? (Include land for which you paid cash rent, land used rent free, or land rented on shares).

The CES consisted of a two phase review process. The initial phase, Review of Possible Matches, used Probabilistic Record Linkage (PRL) to match the additional information collected on the area surveys to the name and addresses on the 2002 Census Mail List (CML) including late adds. PRL is a technique used to identify records that are believed to correspond to a CML record. Records were brought together into link groups, with each link group consisting of all records that possibly represented the same operation. Each link group was classified into one of three distinct types: matches, possible matches and nonmatches. The nonmatches were represented in estimation as part of the undercoverage measure. The CES was primarily concerned with the matches and possible matches. Each field office reviewed the possible matches and determined match or nonmatch status.

Upon completion of the PRL review, the field offices conducted a Farm Classification Resolution review of two additional sets of records. The first of these was comprised of area records matching two or more census records. Reviewing these records helped identify duplication on the CML. The second set consisted of groups of records (area and census) within which the reported acreage differed by more than 25 percent. Analysts reviewed the cases in the second phase. Upon completion of both phases, data were compiled to estimate undercount, overcount and duplication.

The analysis of these data will provide insight into census processes used to accurately determine farm status and identify duplication. Any weaknesses

identified in the findings will be addressed for future censuses.

**Table A. Summary of State Nonresponse and Coverage Adjustments: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total      | Percent from nonresponse adjustment, corrected | Percent from coverage adjustment, corrected | Item                | Total     | Percent from nonresponse adjustment, corrected | Percent from coverage adjustment, corrected |
|--|------------|--|---|---------------------|-----------|--|---|
| Farms .....  | 53,315     | 11.0   | 16.1  | Tenure - Con.       |           |  |   |
| Land in farms .....  | 10,142,958 | 8.4  | 4.7   | Part owners .....   | farms     | 14,199   | 11.2  |
| Farms by size:   |            |  |   | acres               | 6,317,989 | 7.1  | 4.3   |
| 1 to 9 .....   | farms      | 3,235  | 11.3  | farms               | 2,027     | 12.0   | 2.2   |
| acres  |            | 15,635   | 11.1  | acres               | 499,150   | 6.9  | 14.4  |
| 10 to 49 .....   | farms      | 18,663   | 10.2  |                     |           |  | 6.6   |
| acres  |            | 506,880  | 10.4  |                     |           |  |   |
| 50 to 179 .....  | farms      | 18,605   | 11.6  |                     |           |  |   |
| acres  |            | 1,810,595                                      | 11.8  |                     |           |  |   |
| 180 to 499 .....   | farms      | 7,993  | 13.5  |                     |           |  |   |
| acres  |            | 2,320,774                                      | 13.5  |                     |           |  |   |
| 500 to 999 .....   | farms      | 2,856  | 11.2  |                     |           |  |   |
| acres  |            | 1,981,384                                      | 10.8  |                     |           |  |   |
| 1,000 to 1,999 .....   | farms      | 1,468  | 2.8   |                     |           |  |   |
| acres  |            | 1,968,565                                      | 2.5   |                     |           |  |   |
| 2,000 or more .....  | farms      | 495  | 0.4   |                     |           |  |   |
| acres  |            | 1,539,125                                      | 0.3   |                     |           |  |   |
| Market value of agricultural products sold .....               | \$1,000    | 3,772,435                                      | 4.9   | Primary occupation: |           |  |   |
|  |            |  | 0.6   |                     |           |  |   |
| Farms by value of sales:                                       |            |  |   | Farming .....       | farms     | 29,071   | 11.1  |
| Less than \$1,000 .....  | farms      | 17,442   | 9.3   | acres               | 24,244    | 11.0   | 11.0  |
| \$1,000  |            | 1,558  | 13.2  |                     |           |  | 22.3  |
| \$1,000 to \$2,499 .....                                       | farms      | 5,849  | 10.2  |                     |           |  |   |
| \$1,000  |            | 9,665  | 10.2  |                     |           |  |   |
| \$2,500 to \$4,999 .....                                       | farms      | 4,749  | 12.2  |                     |           |  |   |
| \$1,000  |            | 17,092   | 12.2  |                     |           |  |   |
| \$5,000 to \$9,999 .....                                       | farms      | 5,107  | 12.4  |                     |           |  |   |
| \$1,000  |            | 36,516   | 12.4  |                     |           |  |   |
| \$10,000 to \$19,999 .....                                     | farms      | 4,930  | 13.1  |                     |           |  |   |
| \$1,000  |            | 70,100   | 13.3  |                     |           |  |   |
| \$20,000 to \$24,999 .....                                     | farms      | 1,499  | 13.0  |                     |           |  |   |
| 1,000  |            | 33,184   | 12.9  |                     |           |  |   |
| \$25,000 to \$39,999 .....                                     | farms      | 2,839  | 14.1  |                     |           |  |   |
| \$1,000  |            | 89,520   | 14.0  |                     |           |  |   |
| \$40,000 to \$49,999 .....                                     | farms      | 1,180  | 14.3  |                     |           |  |   |
| \$1,000  |            | 52,353   | 14.3  |                     |           |  |   |
| \$50,000 to \$99,999 .....                                     | farms      | 3,229  | 15.6  |                     |           |  |   |
| \$1,000  |            | 228,371  | 15.6  |                     |           |  |   |
| \$100,000 to \$249,999 .....                                   | farms      | 3,231  | 13.0  |                     |           |  |   |
| \$1,000  |            | 513,700  | 12.4  |                     |           |  |   |
| \$250,000 to \$499,999 .....                                   | farms      | 1,807  | 5.0   |                     |           |  |   |
| \$1,000  |            | 625,875  | 4.7   |                     |           |  |   |
| \$500,000 to \$999,999 .....                                   | farms      | 882  | 1.8   |                     |           |  |   |
| \$1,000  |            | 604,639  | 1.7   |                     |           |  |   |
| \$1,000,000 or more .....                                      | farms      | 571  | 0.5   |                     |           |  |   |
| \$1,000  |            | 1,489,862                                      | 0.2   |                     |           |  |   |
| Farms by type of organization:                                 |            |  | 1.1   |                     |           |  |   |
| Family or individual .....                                     | farms      | 48,070   | 11.2  |                     |           |  |   |
| acres  |            | 7,430,707                                      | 10.0  |                     |           |  |   |
| Partnership .....  | farms      | 3,172  | 9.2   |                     |           |  |   |
| acres  |            | 1,737,310                                      | 4.2   |                     |           |  |   |
| Corporation:   |            |  |   |                     |           |  |   |
| Family held .....  | farms      | 1,683  | 8.9   |                     |           |  |   |
| acres  |            | 875,773  | 2.9   |                     |           |  |   |
| Other than family held .....                                   | farms      | 134  | 10.4  |                     |           |  |   |
| acres  |            | 35,576   | 1.9   |                     |           |  |   |
| Other - cooperative, estate or trust, institutional, etc ..... | farms      | 256  | 12.5  |                     |           |  |   |
| acres  |            | 63,592   | 7.4   |                     |           |  |   |
| Tenure:  |            |  |   |                     |           |  |   |
| Full owners .....  | farms      | 37,089   | 10.9  |                     |           |  |   |
| acres  |            | 3,325,819                                      | 11.0  |                     |           |  |   |
|  |            |  | 20.8  |                     |           |  |   |
|  |            |  | 9.3   |                     |           |  |   |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table B. Reliability Estimates of State Totals: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total             | Root mean squared error (RMSE) | Relative RMSE (percent) | Nonresponse and sampling contribution to MSE (percent) | Coverage adjustment contribution to MSE (percent) |
|--|-------------------|--------------------------------|-------------------------|--|---|
| Farms .....  | 53,315            | 1,774                          | 3.3                     | (Z)  | 100.0   |
| Land in farms .....  | 10,142,958        | 397,438                        | 3.9                     | 0.1  | 99.9  |
| Farms by size:   |                   |                                |                         |  |   |
| 1 to 9 .....   | farms 3,235       | 175                            | 5.4                     | 2.0  | 98.0  |
|  | acres 15,635      | 841                            | 5.4                     | 2.7  | 97.3  |
| 10 to 49 .....   | farms 18,663      | 723                            | 3.9                     | 0.4  | 99.6  |
|  | acres 506,880     | 19,631                         | 3.9                     | 0.5  | 99.5  |
| 50 to 179 .....  | farms 18,605      | 651                            | 3.5                     | 0.5  | 99.5  |
|  | acres 1,810,595   | 63,055                         | 3.5                     | 0.6  | 99.4  |
| 180 to 499 .....   | farms 7,993       | 362                            | 4.5                     | 0.7  | 99.3  |
|  | acres 2,320,774   | 110,375                        | 4.8                     | 0.7  | 99.3  |
| 500 to 999 .....   | farms 2,856       | 187                            | 6.6                     | 0.8  | 99.2  |
|  | acres 1,981,384   | 130,896                        | 6.6                     | 0.8  | 99.2  |
| 1,000 to 1,999 .....   | farms 1,468       | 85                             | 5.8                     | 0.6  | 99.4  |
|  | acres 1,968,565   | 112,579                        | 5.7                     | 0.5  | 99.5  |
| 2,000 or more .....  | farms 495         | 14                             | 2.9                     | 0.2  | 99.8  |
|  | acres 1,539,125   | 35,337                         | 2.3                     | 0.1  | 99.9  |
| Market value of agricultural products sold .....               | \$1,000 3,772,435 | 123,390                        | 3.3                     | 0.1  | 99.9  |
| Farms by value of sales:                                       |                   |                                |                         |  |   |
| Less than \$1,000 .....  | farms 17,442      | 1,210                          | 6.9                     | 0.1  | 99.9  |
|  | \$1,000 1,558     | 213                            | 13.7                    | 0.2  | 99.8  |
| \$1,000 to \$2,499 .....                                       | farms 5,849       | 570                            | 9.7                     | 0.1  | 99.9  |
|  | \$1,000 9,665     | 945                            | 9.8                     | 0.2  | 99.8  |
| \$2,500 to \$4,999 .....                                       | farms 4,749       | 396                            | 8.3                     | 0.3  | 99.7  |
|  | \$1,000 17,092    | 1,413                          | 8.3                     | 0.3  | 99.7  |
| \$5,000 to \$9,999 .....                                       | farms 5,107       | 290                            | 5.7                     | 0.6  | 99.4  |
|  | \$1,000 36,516    | 2,063                          | 5.6                     | 0.7  | 99.3  |
| \$10,000 to \$19,999 .....                                     | farms 4,930       | 282                            | 5.7                     | 0.7  | 99.3  |
|  | \$1,000 70,100    | 4,030                          | 5.7                     | 0.8  | 99.2  |
| \$20,000 to \$24,999 .....                                     | farms 1,499       | 87                             | 5.8                     | 2.6  | 97.4  |
|  | 1,000 33,184      | 1,935                          | 5.8                     | 2.6  | 97.4  |
| \$25,000 to \$39,999 .....                                     | farms 2,839       | 151                            | 5.3                     | 1.6  | 98.4  |
|  | \$1,000 89,520    | 4,768                          | 5.3                     | 1.7  | 98.3  |
| \$40,000 to \$49,999 .....                                     | farms 1,180       | 73                             | 6.2                     | 3.1  | 96.9  |
|  | \$1,000 52,353    | 3,274                          | 6.3                     | 3.1  | 96.9  |
| \$50,000 to \$99,999 .....                                     | farms 3,229       | 204                            | 6.3                     | 1.0  | 99.0  |
|  | \$1,000 228,371   | 14,467                         | 6.3                     | 1.1  | 98.9  |
| \$100,000 to \$249,999 .....                                   | farms 3,231       | 327                            | 10.1                    | 0.3  | 99.7  |
|  | \$1,000 513,700   | 51,278                         | 10.0                    | 0.3  | 99.7  |
| \$250,000 to \$499,999 .....                                   | farms 1,807       | 126                            | 7.0                     | 0.6  | 99.4  |
|  | \$1,000 625,875   | 41,530                         | 6.6                     | 0.5  | 99.5  |
| \$500,000 to \$999,999 .....                                   | farms 882         | 22                             | 2.5                     | 2.7  | 97.3  |
|  | \$1,000 604,639   | 14,621                         | 2.4                     | 2.4  | 97.6  |
| \$1,000,000 or more .....                                      | farms 571         | 10                             | 1.8                     | 1.9  | 98.1  |
|  | \$1,000 1,489,862 | 18,785                         | 1.3                     | 1.4  | 98.6  |
| Farms by type of organization:                                 |                   |                                |                         |  |   |
| Family or individual .....                                     | farms 48,070      | 1,630                          | 3.4                     | 0.1  | 99.9  |
|  | acres 7,430,707   | 311,254                        | 4.2                     | 0.2  | 99.8  |
| Partnership .....  | farms 3,172       | 125                            | 4.0                     | 2.4  | 97.6  |
|  | acres 1,737,310   | 66,698                         | 3.8                     | 1.0  | 99.0  |
| Corporation:   |                   |                                |                         |  |   |
| Family held .....  | farms 1,683       | 71                             | 4.2                     | 3.7  | 96.3  |
|  | acres 875,773     | 31,303                         | 3.6                     | 1.6  | 98.4  |
| Other than family held .....                                   | farms 134         | 12                             | 9.0                     | 9.0  | 91.0  |
|  | acres 35,576      | 3,189                          | 9.0                     | 9.4  | 90.6  |
| Other - cooperative, estate or trust, institutional, etc ..... | farms 256         | 18                             | 7.0                     | 10.0   | 90.0  |
|  | acres 63,592      | 3,310                          | 5.2                     | 13.2   | 86.8  |
| Tenure:  |                   |                                |                         |  |   |
| Full owners .....  | farms 37,089      | 1,283                          | 3.5                     | 0.1  | 99.9  |
|  | acres 3,325,819   | 110,655                        | 3.3                     | 0.7  | 99.3  |
| Part owners .....  | farms 14,199      | 619                            | 4.4                     | 0.3  | 99.7  |
|  | acres 6,317,989   | 297,528                        | 4.7                     | 0.2  | 99.8  |
| Tenants .....  | farms 2,027       | 110                            | 5.4                     | 2.6  | 97.4  |
|  | acres 499,150     | 24,149                         | 4.8                     | 3.4  | 96.6  |
| Principal operator characteristics by-                         |                   |                                |                         |  |   |
| Sex of operator:   |                   |                                |                         |  |   |
| Male .....   | farms 47,411      | 1,644                          | 3.5                     | 0.1  | 99.9  |
|  | acres 9,704,219   | 384,407                        | 4.0                     | 0.1  | 99.9  |
| Female .....   | farms 5,904       | 518                            | 8.8                     | 0.2  | 99.8  |
|  | acres 438,739     | 38,959                         | 8.9                     | 0.8  | 99.2  |
| Primary occupation:  |                   |                                |                         |  |   |
| Farming .....  | farms 29,071      | 1,019                          | 3.5                     | 0.2  | 99.8  |
|  | farms 24,244      | 876                            | 3.6                     | 0.3  | 99.7  |
| Other .....  |                   |                                |                         |  |   |
| Spanish, Hispanic, or Latino origin (see text) .....           | farms 828         | 232                            | 28.1                    | 0.1  | 99.9  |
|  | acres 139,667     | 40,034                         | 28.7                    | 0.5  | 99.5  |
| Race:  |                   |                                |                         |  |   |
| White .....  | farms 52,795      | 1,758                          | 3.3                     | 0.1  | 99.9  |
|  | acres 10,091,925  | 396,418                        | 3.9                     | 0.1  | 99.9  |
| Black or African American .....                                | farms 184         | 51                             | 27.9                    | 0.7  | 99.3  |
|  | acres 18,268      | 6,163                          | 33.7                    | 5.0  | 95.0  |
| American Indian or Alaska Native .....                         | farms 146         | 16                             | 10.9                    | 10.6   | 89.4  |
|  | acres 15,758      | 2,622                          | 16.6                    | 4.3  | 95.7  |
| Native Hawaiian or Other Pacific Islander .....                | farms 13          | 6                              | 43.8                    | 14.0   | 86.0  |
|  | acres 971         | 522                            | 53.7                    | 18.8   | 81.2  |

See footnote(s) at end of table.

-continued

**Table B. Reliability Estimates of State Totals: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

| Item   | Total                       | Root mean squared error (RMSE) | Relative RMSE (percent) | Nonresponse and sampling contribution to MSE (percent) | Coverage adjustment contribution to MSE (percent) |
|--|-----------------------------|--------------------------------|-------------------------|--|---|
| Principal operator characteristics by- Con.<br>Race - Con.       |                             |                                |                         |  |   |
| Asian .....  | farms<br>acres<br>1,205     | 30<br>7                        | 24.9                    | 13.4   | 86.6  |
| More than one race reported .....                                | farms<br>acres<br>147       | 382<br>18                      | 31.7<br>12.2            | 13.0<br>10.2   | 87.0<br>89.8                                      |
|  | 14,831                      | 2,856                          | 19.3                    | 16.2   | 83.8  |
| Reporting primary occupation as farming by age group:            |                             |                                |                         |  |   |
| Under 25 years .....   | farms<br>1,321              | 251<br>95                      | 38.0                    | 0.4  | 99.6  |
| 25 to 34 years .....   | farms<br>5,141              | 192<br>382                     | 14.5<br>7.4             | 0.5<br>0.4   | 99.5<br>99.6                                      |
| 35 to 44 years .....   | farms<br>6,986              | 406                            | 5.8                     | 0.5  | 99.5  |
| 45 to 54 years .....   | farms<br>6,936              | 321                            | 4.6                     | 0.8  | 99.2  |
| 55 to 64 years .....   | farms<br>8,436              | 369                            | 4.4                     | 0.8  | 99.2  |
| 65 years and over .....  |                             |                                |                         |  |   |
| Reporting primary occupation as other than farming by age group: |                             |                                |                         |  |   |
| Under 25 years .....   | farms<br>1,211              | 184<br>69                      | 37.4                    | 0.7  | 99.3  |
| 25 to 34 years .....   | farms<br>5,348              | 168<br>384                     | 13.9<br>7.2             | 0.5<br>0.5   | 99.5<br>99.5                                      |
| 35 to 44 years .....   | farms<br>8,241              | 483                            | 5.9                     | 0.4  | 99.6  |
| 45 to 54 years .....   | farms<br>5,744              | 252                            | 4.4                     | 1.3  | 98.7  |
| 55 to 64 years .....   | farms<br>3,516              | 159                            | 4.5                     | 2.1  | 97.9  |
| 65 years and over .....  |                             |                                |                         |  |   |
| All operators by age group <sup>1</sup> :                        |                             |                                |                         |  |   |
| Under 25 years .....   | farms<br>5,207              | 1,739<br>200                   | 11.5                    | 0.8  | 99.2  |
| 25 to 34 years .....   | farms<br>16,864             | 454<br>972                     | 8.7<br>5.8              | 0.3<br>0.2   | 99.7<br>99.8                                      |
| 35 to 44 years .....   | farms<br>22,621             | 1,097                          | 4.8                     | 0.2  | 99.8  |
| 45 to 54 years .....   | farms<br>17,308             | 711                            | 4.1                     | 0.5  | 99.5  |
| 55 to 64 years .....   | farms<br>9,544              | 403                            | 4.2                     | 0.9  | 99.1  |
| 65 to 74 years .....   | farms<br>4,910              | 204                            | 4.2                     | 1.8  | 98.2  |
| 75 years and over .....  |                             |                                |                         |  |   |
| Net cash farm income of operations (see text) <sup>2</sup> :     |                             |                                |                         |  |   |
| Farms with gains of <sup>3</sup> -                               |                             |                                |                         |  |   |
| Less than \$1,000 .....  | farms<br>\$1,000<br>1,489   | 3,224<br>259                   | 8.0                     | 42.2   | 57.8  |
| \$1,000 to \$4,999 .....   | farms<br>\$1,000<br>5,479   | 134<br>332                     | 9.0<br>6.1              | 46.5<br>36.8   | 53.5<br>63.2                                      |
| \$5,000 to \$9,999 .....   | farms<br>\$1,000<br>14,868  | 948                            | 6.4                     | 38.3   | 61.7  |
| \$10,000 to \$24,999 .....                                       | farms<br>\$1,000<br>3,504   | 3,138<br>244                   | 7.8                     | 38.5   | 61.5  |
| \$25,000 to \$49,999 .....                                       | farms<br>\$1,000<br>56,556  | 22,741<br>1,790                | 7.9                     | 39.2   | 60.8  |
| \$50,000 or more .....   | farms<br>\$1,000<br>874,617 | 3,504<br>56,556                | 7.2                     | 35.4   | 64.6  |
|  |                             | 2,827<br>99,439                | 4,148<br>7,602          | 7.3<br>7.6   | 35.1<br>36.8                                      |
|  |                             | 4,565<br>874,617               | 299<br>36,565           | 6.6<br>4.2   | 63.2<br>63.5                                      |
|  |                             |                                |                         |  |   |
| Farms with losses of -   |                             |                                |                         |  |   |
| Less than \$1,000 .....  | farms<br>\$1,000<br>1,968   | 3,903<br>290                   | 7.4                     | 48.2   | 51.8  |
| \$1,000 to \$4,999 .....   | farms<br>\$1,000<br>11,691  | 1,968<br>641                   | 8.5<br>5.5              | 50.0<br>25.0   | 50.0<br>75.0                                      |
| \$5,000 to \$9,999 .....   | farms<br>\$1,000<br>32,087  | 6,916<br>4,245                 | 5.9                     | 27.9   | 72.1  |
| \$10,000 to \$24,999 .....                                       | farms<br>\$1,000<br>49,279  | 49,279<br>3,245                | 6.5                     | 38.2   | 61.8  |
| \$25,000 to \$49,999 .....                                       | farms<br>\$1,000<br>82,799  | 5,386<br>6,054                 | 6.6                     | 38.7   | 61.3  |
| \$50,000 or more .....   | farms<br>\$1,000<br>127,553 | 1,545<br>52,004                | 7.1                     | 43.2   | 56.8  |
|  |                             | 1,118<br>127,553               | 176<br>5,922            | 7.3<br>11.4  | 44.4<br>53.8                                      |
|  |                             |                                |                         |  |   |
|  |                             |                                |                         |  |   |

<sup>1</sup> Data were collected for a maximum of three operators per farm.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Farms with zero net cash income are included as farms with gains of less than \$1,000.

**Table C. Summary of Nonresponse and Coverage Adjustments by County: 2002**

[For meaning of abbreviations and symbols, see introductory text]

| Geographic area      | All farms         |   |                                     | Land in farms    |   |                                     | Sales              |   |                                     |
|----------------------|-------------------|---|-------------------------------------|------------------|---|-------------------------------------|--------------------|---|-------------------------------------|
|                      | Total<br>(number) | Nonresponse<br>adjustment,<br>attributed<br>(percent) | Coverage<br>adjustment<br>(percent) | Total<br>(acres) | Nonresponse<br>adjustment,<br>attributed<br>(percent) | Coverage<br>adjustment<br>(percent) | Total<br>(\$1,000) | Nonresponse<br>adjustment,<br>attributed<br>(percent) | Coverage<br>adjustment<br>(percent) |
| <b>STATE TOTAL</b>   |                   |   |                                     |                  |   |                                     |                    |   |                                     |
| Michigan .....       | 53,315            | 8.0   | 19.2                                | 10,142,958       | 7.0   | 6.1                                 | 3,772,435          | 4.4   | 1.1                                 |
| <b>COUNTIES</b>      |                   |   |                                     |                  |   |                                     |                    |   |                                     |
| Alcona .....         | 244               | 6.1   | 22.1                                | 41,001           | 8.0   | 11.0                                | 5,567              | 9.0   | 5.0                                 |
| Alger .....          | 67                | 4.5   | 20.9                                | 14,969           | 2.0   | 18.1                                | 1,511              | 2.7   | -1.3                                |
| Allegan .....        | 1,489             | 8.5   | 20.2                                | 243,270          | 5.6   | 5.7                                 | 230,268            | 2.9   | 0.1                                 |
| Alpena .....         | 460               | 9.1   | 20.9                                | 73,790           | 14.0  | 3.2                                 | 12,553             | 19.6  | -9.4                                |
| Antrim .....         | 382               | 7.3   | 22.8                                | 63,428           | 7.5   | 9.0                                 | 15,854             | 2.8   | -0.9                                |
| Arenac .....         | 381               | 7.1   | 13.9                                | 83,724           | 7.3   | 5.3                                 | 22,531             | 6.8   | 3.3                                 |
| Baraga .....         | 63                | 12.7  | 15.9                                | 15,174           | 14.2  | 3.3                                 | 1,120              | 27.7  | -15.2                               |
| Barry .....          | 1,063             | 8.7   | 21.4                                | 181,766          | 8.1   | 5.2                                 | 47,842             | 4.4   | 0.6                                 |
| Bay .....            | 787               | 5.6   | 14.4                                | 186,118          | 5.6   | 5.9                                 | 59,373             | 4.3   | 4.1                                 |
| Benzie .....         | 181               | 5.5   | 23.2                                | 23,055           | 9.9   | 8.5                                 | 4,222              | 6.0   | -0.1                                |
| Berrien .....        | 1,093             | 10.4  | 10.4                                | 174,009          | 9.0   | 4.7                                 | 96,716             | 8.6   | 3.3                                 |
| Branch .....         | 1,123             | 12.4  | 12.8                                | 253,690          | 9.2   | 5.7                                 | 64,904             | 5.5   | 4.6                                 |
| Calhoun .....        | 1,147             | 12.2  | 16.5                                | 239,913          | 12.0  | 3.6                                 | 64,443             | 8.2   | (Z)                                 |
| Cass .....           | 808               | 8.5   | 19.8                                | 189,127          | 6.1   | 7.0                                 | 64,272             | 3.3   | 4.5                                 |
| Charlevoix .....     | 299               | 6.0   | 28.1                                | 38,799           | 5.2   | 13.7                                | 3,991              | 2.5   | 2.0                                 |
| Cheboygan .....      | 268               | 5.6   | 24.6                                | 50,050           | 4.6   | 12.5                                | 6,596              | 4.3   | -0.7                                |
| Chippewa .....       | 372               | 6.5   | 23.9                                | 93,924           | 6.8   | 13.7                                | 5,790              | 10.6  | -0.5                                |
| Clare .....          | 414               | 8.5   | 23.7                                | 64,365           | 11.1  | 8.0                                 | 11,560             | 16.4  | -8.5                                |
| Clinton .....        | 1,179             | 7.5   | 13.6                                | 255,673          | 5.8   | 4.5                                 | 98,660             | 3.6   | 0.5                                 |
| Crawford .....       | 47                | 8.5   | 36.2                                | 6,308            | 4.7   | 55.7                                | 149                | 17.1  | 8.4                                 |
| Delta .....          | 273               | 7.7   | 19.0                                | 74,242           | 7.5   | 7.3                                 | 10,219             | 8.0   | -1.4                                |
| Dickinson .....      | 146               | 7.5   | 22.6                                | 28,658           | 10.5  | 11.6                                | 3,767              | 9.1   | -2.3                                |
| Eaton .....          | 1,221             | 7.7   | 17.1                                | 238,188          | 5.8   | 6.5                                 | 53,034             | 4.9   | 5.0                                 |
| Emmet .....          | 274               | 6.9   | 21.5                                | 43,665           | 9.4   | 6.6                                 | 5,867              | 3.8   | 2.0                                 |
| Genesee .....        | 1,051             | 8.6   | 28.8                                | 142,756          | 7.9   | 13.5                                | 29,432             | 12.2  | (Z)                                 |
| Gladwin .....        | 534               | 9.0   | 19.9                                | 72,056           | 12.0  | 6.3                                 | 8,315              | 15.7  | -5.8                                |
| Gogebic .....        | 49                | 4.1   | 32.7                                | 4,024            | 1.1   | 24.7                                | 201                | 2.5   | 4.1                                 |
| Grand Traverse ..... | 489               | 4.5   | 21.1                                | 62,268           | 4.5   | 5.0                                 | 11,366             | 3.3   | -0.3                                |
| Gratiot .....        | 1,018             | 6.0   | 13.4                                | 288,932          | 4.1   | 4.8                                 | 114,726            | 2.3   | 2.6                                 |
| Hillsdale .....      | 1,509             | 11.7  | 12.9                                | 275,316          | 9.6   | 3.6                                 | 78,914             | 3.9   | 2.4                                 |
| Houghton .....       | 158               | 7.6   | 25.9                                | 25,856           | 8.9   | 13.0                                | 2,821              | 9.8   | -3.6                                |
| Huron .....          | 1,189             | 8.2   | 5.6                                 | 431,984          | 5.6   | -1.3                                | 210,519            | 3.9   | -1.9                                |
| Ingham .....         | 1,018             | 8.5   | 24.2                                | 185,291          | 6.8   | 2.7                                 | 51,346             | 5.1   | -1.6                                |
| Ionia .....          | 1,146             | 8.1   | 16.6                                | 230,102          | 7.1   | 3.3                                 | 113,074            | 3.7   | (Z)                                 |
| Iosco .....          | 285               | 8.1   | 23.5                                | 44,556           | 9.4   | 7.1                                 | 12,987             | 7.8   | -0.2                                |
| Iron .....           | 106               | 6.6   | 23.6                                | 31,382           | 5.8   | 20.0                                | 3,214              | 16.0  | 31.9                                |
| Isabella .....       | 953               | 9.0   | 11.3                                | 195,432          | 9.2   | 3.6                                 | 50,126             | 8.7   | -1.9                                |
| Jackson .....        | 1,265             | 8.6   | 24.8                                | 193,011          | 9.9   | 5.9                                 | 43,096             | 8.3   | -0.9                                |
| Kalamazoo .....      | 808               | 5.7   | 20.7                                | 148,206          | 4.1   | 9.0                                 | 154,580            | 0.7   | 5.7                                 |
| Kalkaska .....       | 175               | 6.3   | 28.0                                | 24,104           | 5.5   | 16.7                                | 5,636              | 3.9   | -0.7                                |
| Kent .....           | 1,212             | 7.8   | 23.6                                | 173,381          | 6.4   | 6.4                                 | 149,670            | 2.6   | (Z)                                 |
| Keweenaw .....       | 11                | 0.0   | 54.5                                | 710              | 0.0   | 59.2                                | (D)                | (D)   | (D)                                 |
| Lake .....           | 173               | 5.8   | 32.4                                | 23,378           | 8.6   | 16.1                                | 2,117              | 4.0   | 0.2                                 |
| Lapeer .....         | 1,187             | 8.8   | 23.5                                | 189,264          | 8.9   | 6.2                                 | 50,615             | 6.4   | 1.6                                 |
| Leelanau .....       | 429               | 4.4   | 17.0                                | 62,406           | 3.6   | 9.0                                 | 15,988             | 3.8   | -0.3                                |
| Lenawee .....        | 1,446             | 8.1   | 10.5                                | 353,083          | 5.8   | 4.8                                 | 103,357            | 2.9   | 3.9                                 |
| Livingston .....     | 877               | 8.6   | 32.0                                | 96,310           | 8.1   | 7.9                                 | 25,461             | 4.2   | 0.8                                 |
| Luce .....           | 30                | 3.3   | 16.7                                | 10,262           | 0.4   | 2.1                                 | 2,635              | 0.2   | (Z)                                 |
| Mackinac .....       | 76                | 9.2   | 17.1                                | 20,410           | 10.0  | 2.9                                 | 2,817              | 3.5   | -2.0                                |
| Macomb .....         | 512               | 9.6   | 20.3                                | 67,969           | 9.4   | 6.1                                 | 43,792             | 5.8   | 0.1                                 |
| Manistee .....       | 315               | 6.0   | 21.6                                | 46,442           | 7.5   | 9.7                                 | 8,031              | 8.8   | -5.8                                |
| Marquette .....      | 160               | 6.3   | 35.0                                | 30,073           | 4.7   | 19.1                                | 3,697              | 11.7  | -8.2                                |
| Mason .....          | 478               | 9.2   | 19.2                                | 79,621           | 8.5   | 7.0                                 | 24,955             | 4.8   | 0.7                                 |
| Mecosta .....        | 794               | 8.2   | 18.5                                | 119,777          | 8.8   | 7.4                                 | 30,604             | 4.2   | 0.4                                 |
| Menominee .....      | 372               | 7.8   | 18.5                                | 98,755           | 7.8   | 4.9                                 | 21,190             | 7.5   | -1.2                                |
| Midland .....        | 510               | 4.9   | 20.8                                | 84,910           | 4.3   | 10.1                                | 21,740             | 3.1   | 4.6                                 |
| Missaukee .....      | 412               | 7.0   | 18.7                                | 97,792           | 5.9   | 6.1                                 | 39,545             | 2.5   | -0.1                                |
| Monroe .....         | 1,183             | 8.4   | 19.9                                | 217,421          | 8.6   | 7.9                                 | 92,243             | 5.2   | 3.6                                 |
| Montcalm .....       | 1,139             | 6.4   | 17.8                                | 255,306          | 4.9   | 6.3                                 | 106,312            | 2.6   | 1.6                                 |
| Montmorency .....    | 139               | 9.4   | 22.3                                | 21,077           | 18.0  | 7.9                                 | 3,334              | 17.4  | -0.9                                |
| Muskegon .....       | 545               | 6.1   | 28.4                                | 73,918           | 5.1   | 7.8                                 | 46,301             | 4.3   | -2.1                                |
| Newaygo .....        | 902               | 6.5   | 25.8                                | 135,422          | 6.9   | 10.2                                | 60,868             | 4.1   | 0.2                                 |
| Oakland .....        | 643               | 7.3   | 36.1                                | 40,930           | 6.7   | 21.4                                | 45,459             | 0.9   | 1.4                                 |
| Oceana .....         | 648               | 6.2   | 19.3                                | 127,404          | 5.3   | 6.2                                 | 58,382             | 2.7   | 3.1                                 |
| Ogemaw .....         | 256               | 10.5  | 13.3                                | 67,836           | 8.2   | 5.5                                 | 22,740             | 2.6   | 0.2                                 |
| Ontonagon .....      | 108               | 6.5   | 27.8                                | 33,666           | 7.6   | 15.0                                | 2,413              | 6.3   | 1.8                                 |
| Oscoda .....         | 591               | 7.3   | 20.8                                | 115,922          | 7.8   | 7.5                                 | 19,185             | 6.3   | -2.7                                |
| Oscoda .....         | 123               | 11.4  | 29.3                                | 16,989           | 10.7  | 19.0                                | 3,441              | 6.2   | 17.6                                |
| Otsego .....         | 170               | 7.6   | 24.1                                | 34,585           | 7.9   | 9.3                                 | 4,736              | 8.2   | 1.1                                 |
| Ottawa .....         | 1,291             | 8.1   | 14.8                                | 165,484          | 5.9   | 1.4                                 | 277,503            | 2.3   | -0.6                                |
| Presque Isle .....   | 303               | 11.6  | 16.5                                | 68,059           | 13.0  | 2.0                                 | 11,304             | 9.1   | -5.7                                |
| Roscommon .....      | 46                | 2.2   | 32.6                                | 7,394            | 2.7   | 35.4                                | (D)                | (D)   | (D)                                 |
| Saginaw .....        | 1,359             | 4.8   | 15.5                                | 324,615          | 3.8   | 8.4                                 | 91,232             | 3.4   | 5.2                                 |
| St. Clair .....      | 1,260             | 8.3   | 25.6                                | 182,116          | 7.8   | 9.5                                 | 40,206             | 7.5   | 0.8                                 |
| St. Joseph .....     | 907               | 8.2   | 18.9                                | 230,624          | 6.5   | 5.3                                 | 93,660             | 4.8   | 2.7                                 |
| Sanilac .....        | 1,595             | 8.3   | 11.8                                | 434,738          | 6.7   | 1.7                                 | 136,893            | 5.8   | -0.5                                |
| Schoolcraft .....    | 51                | 5.9   | 19.6                                | 13,541           | 4.8   | 10.8                                | 1,520              | 3.6   | -0.3                                |
| Shiawassee .....     | 1,037             | 7.9   | 16.5                                | 234,788          | 6.9   | 6.0                                 | 44,494             | 5.3   | 3.4                                 |
| Tuscola .....        | 1,292             | 6.5   | 14.2                                | 335,542          | 4.8   | 4.1                                 | 93,797             | 4.5   | 1.6                                 |
| Van Buren .....      | 1,160             | 7.5   | 17.5                                | 176,260          | 5.8   | 5.6                                 | 96,724             | 3.7   | -0.3                                |
| Washtenaw .....      | 1,325             | 7.3   | 27.0                                | 175,259          | 8.3   | 8.2                                 | 54,618             | 5.6   | 0.3                                 |
| Wayne .....          | 319               | 11.3  | 28.8                                | 21,485           | 9.9   | 17.6                                | 27,559             | 10.2  | -1.3                                |
| Wexford .....        | 395               | 5.1   | 28.9                                | 45,852           | 5.3   | 15.7                                | 9,520              | 3.4   | 0.2                                 |

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## Appendix D. Report Forms and Instruction Sheets

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The report forms and instruction sheets are shown on the following pages.

**DUE BY FEBRUARY 3, 2003**

OMB No. 0535-0226; Approval Expires 10/31/2004

**NOTICE** - Response to this inquiry is required by law (Title 7, U.S. Code). By the same law, YOUR REPORT IS CONFIDENTIAL and it will only be used for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

## UNITED STATES 2002 CENSUS OF AGRICULTURE

02-A0203

Form Number: 02-A0203  
(01/17/02)



United States  
Department of  
Agriculture

Please return your  
completed report to:

Census of Agriculture  
1201 East 10th Street  
Jeffersonville, IN 47132

### OFFICE USE ONLY

**USE BLUE OR BLACK BALL POINT PEN**

*Please make corrections to name, address, and ZIP Code if necessary.*

|     |     |     |
|-----|-----|-----|
| 011 | 012 | 013 |
| 014 | 015 | 016 |

**EVERYONE WHO RECEIVES A FORM MUST RETURN ONE.  
YOUR RESPONSE IS DUE BY FEBRUARY 3, 2003.**

### SPECIAL SITUATIONS?

- ◆ Form does not apply to me
- ◆ Partial year operations
- ◆ No longer farming or ranching
- ◆ Never farmed
- ◆ CRP land only
- ◆ Involved in more than one operation
- ◆ Specialty commodities (elk, nursery, fish, horses, etc.)



Refer to the detailed instructions  
in the enclosed instruction sheet.

**Duplicate forms** - If you received extra census report forms for the **SAME** farming or ranching operation:

1. Enter the 12-digit ID(s), printed in the address area of those extra forms, in the boxes provided to the right. →
2. Return all report forms in the same envelope with this completed report.

|               |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Duplicate IDs |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 009           | <input type="text"/> |
| 010           | <input type="text"/> |

MORE QUESTIONS?  
CALL THE TOLL FREE HELP LINE!

**1-888-424-7828**



National Agricultural  
Statistics Service

**PENALTY FOR FAILURE TO REPORT**



| SECTION 2   |   | LAND -<br>Report how the ACRES in "THIS OPERATION" were USED in 2002.<br>Report land only once. Report land in the first item that applies.<br><b>For example:</b> Land that was both pastured (item 1b) and harvested<br>(item 1a) should be reported only in cropland harvested. |
|---|---|--|
| (Include land in CRP, WRP, and other State and Federal programs.<br>Exclude land rented TO OTHERS.)   |   |  |
| <b>LAND USE</b>   |   |  |
| <b>1. Cropland</b>  |   | NUMBER OF ACRES  |
| a. Cropland harvested (Include all land from which crops were harvested or hay was cut and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.) | →   | None      787  |
| b. Cropland used only for pasture or grazing (Include rotation pasture and grazing land that could have been used for crops without additional improvements.)                 | →   | 788  |
| c. Cropland on which all crops failed or were abandoned (Exclude land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 1a.)         | →   | 790  |
| d. Cropland idle or used for cover crops or soil-improvement but NOT harvested and NOT pastured or grazed   | →   | 1062   |
| e. Cropland in cultivated summer fallow   | →   | 791  |
| <b>2. Woodland</b> (Include all woodlots, timber tracts, and cut over and deforested land with young timber growth.)  |   |  |
| a. Woodland pastured  | →   | 794  |
| b. Woodland not pastured (Include sugarbush.)   | →   | 795  |
| <b>3. Permanent pasture and rangeland</b><br>(Include any pastured land other than cropland and woodland.)  |   | 796  |
| <b>4. All other land</b> - Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.   | →   | 797  |
| <b>5. TOTAL ACRES</b> - ADD the acres reported in items 1 through 4.<br><i>Should be the same acres as those reported in section 1, item 4.</i>                               | →   | 798  |
| <b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>  |   |  |
| <b>6.</b> Of the total acres reported in item 5, how many acres were -  |   | NUMBER OF ACRES  |
| a. Covered under a <b>Federal or other crop insurance policy?</b>   | →   | None      1067   |
| b. Enrolled in the <b>Conservation Reserve Program (CRP)</b> or <b>Wetlands Reserve Program (WRP)?</b>  | →   | 683  |
| c. Used to raise <b>certified organically produced crops?</b>   | →   | 1069   |
| <b>IRRIGATION</b>   |   |  |
| <b>7.</b> Were any of the total acres reported in item 5 <b>irrigated</b> by sprinklers, flooding, ditches or furrows, drip or trickle irrigation, etc.?                      |   |  |
| 1065  |   |  |
| 1 <input type="checkbox"/> YES - Continue with item a   | 3 <input type="checkbox"/> NO - Go to section 3 |  |
| a. Acres of harvested land irrigated (Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.)  | →   | None      660  |
| b. Acres of pastureland, rangeland, and other land irrigated  | →   | 681  |

**SECTION 3 CROPS -**

Were any of the following FIELD CROPS, HAY and FORAGE CROPS, WOODLAND CROPS, and OTHER FIELD and FORAGE CROPS harvested from "THIS OPERATION" in 2002? (Report fruit and nut crops, nursery, greenhouse, floriculture, mushrooms, sod, vegetables, and berries in sections 5 through 8.)

(Include landlord's share. Exclude crops grown on land rented TO OTHERS.)

1011 1  YES - Complete this section    3  NO - Go to section 4

|   | None | ACRES HARVESTED |   | QUANTITY HARVESTED |   | ACRES IRRIGATED |   |
|---|------|-----------------|---|--------------------|---|-----------------|---|
|   |      | 1               | 2 | 1                  | 2 | 1               | 2 |
| 1. Corn for grain or seed →   | 067  | 1               | 2 | 1                  | 2 | Bu.             | 2 |
| 2. Corn for silage or greenchop →   | 070  | 1               | 2 | 1                  | 2 | Tons            | 2 |
| 3. Winter wheat for grain or seed harvested in 2002 →                                       | 572  | 1               | 2 | 1                  | 2 | Bu.             | 2 |
| 4. Spring wheat for grain or seed, other than Durum →                                       | 728  | 1               | 2 | 1                  | 2 | Bu.             | 2 |
| 5. Oats for grain or seed →   | 076  | 1               | 2 | 1                  | 2 | Bu.             | 2 |
| 6. Barley for grain or seed →   | 079  | 1               | 2 | 1                  | 2 | Bu.             | 2 |
| 7. Rye for grain or seed (Exclude ryegrass.) →  | 686  | 1               | 2 | 1                  | 2 | Bu.             | 2 |
| 8. Soybeans for beans →   | 088  | 1               | 2 | 1                  | 2 | Bu.             | 2 |
| 9. Dry edible beans (Exclude limas.) →  | 554  | 1               | 2 | 1                  | 2 | Cwt.            | 2 |
| 10. Sugarbeets for sugar →  | 719  | 1               | 2 | 1                  | 2 | Tons            | 2 |
| 11. Sorghum for grain or seed, including milo →   | 082  | 1               | 2 | 1                  | 2 | Bu.             | 2 |
| 12. Sorghum for silage or greenchop (Report sorghum-sudan crosses in section 3, item 25.) → | 085  | 1               | 2 | 1                  | 2 | Tons            | 2 |
| 13. Sunflower seed - oil varieties →  | 773  | 1               | 2 | 1                  | 2 | Lbs.            | 2 |
| 14. Sunflower seed - non-oil varieties →  | 776  | 1               | 2 | 1                  | 2 | Lbs.            | 2 |
| 15. Mint - peppermint →   | 047  | 1               | 2 | 1                  | 2 | Lbs. of oil     | 2 |
| 16. Mint - spearmint →  | 050  | 1               | 2 | 1                  | 2 | Lbs. of oil     | 2 |

| <p>17. Tobacco - all types → <input type="checkbox"/> 094</p> <p>18. Potatoes (Exclude those grown in home gardens.) → <input type="checkbox"/> 087</p> <p>19. Ginseng → <input type="checkbox"/> 767</p>  | <table border="1" style="margin-bottom: 10px;"> <tr><th colspan="2">ACRES HARVESTED</th></tr> <tr><th>WHOLE ACRES</th><th>Tenths</th></tr> <tr><td>1</td><td>2</td></tr> </table> <table border="1" style="margin-bottom: 10px;"> <tr><th colspan="2">QUANTITY HARVESTED</th></tr> <tr><td>1</td><td>2</td></tr> </table> <table border="1"> <tr><th colspan="2">ACRES IRRIGATED</th></tr> <tr><th>WHOLE ACRES</th><th>Tenths</th></tr> <tr><td>1</td><td>2</td></tr> </table> | ACRES HARVESTED    |                 | WHOLE ACRES     | Tenths             | 1               | 2   | QUANTITY HARVESTED |             | 1 | 2   | ACRES IRRIGATED |             | WHOLE ACRES | Tenths   | 1 | 2         |   |   |   |           |   |
|--|--|--------------------|-----------------|-----------------|--------------------|-----------------|---|--------------------|-------------|---|---|-----------------|-------------|-------------|--|---|-----------|---|---|---|-----------|---|
| ACRES HARVESTED  |  |                    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| WHOLE ACRES  | Tenths   |                    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| 1  | 2  |                    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| QUANTITY HARVESTED   |  |                    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| 1  | 2  |                    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| ACRES IRRIGATED  |  |                    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| WHOLE ACRES  | Tenths   |                    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| 1  | 2  |                    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| <b>HAY and FORAGE CROPS</b> <p>When both dry hay (items 20-23) and haylage, etc. (items 24-25) were cut from the same acres, report acres for each type.</p> <p>If two or more cuttings were made from the same acres, report acres for that item only once, but report the total quantity harvested from all cuttings.</p>  |  |                    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| <b>DRY HAY</b> <table border="1" style="margin-bottom: 10px;"> <tr><td style="width: 10%;">None</td><td style="width: 40%;">ACRES HARVESTED</td><td style="width: 40%;">QUANTITY HARVESTED</td><td style="width: 20%;">ACRES IRRIGATED</td></tr> </table> <table border="1" style="margin-bottom: 10px;"> <tr><td>20. Alfalfa and alfalfa mixtures for dry hay → <input type="checkbox"/> 103</td><td>1</td><td>Tons, dry</td><td>2</td></tr> </table> <table border="1" style="margin-bottom: 10px;"> <tr><td>21. Small grain dry hay - barley, oats, rye, wheat, etc. → <input type="checkbox"/> 106</td><td>1</td><td>Tons, dry</td><td>2</td></tr> </table> <table border="1" style="margin-bottom: 10px;"> <tr><td>22. Other tame dry hay - clover, fescue, lespedeza, timothy, Bermuda grass, Sudangrass, sorghum hay, etc. → <input type="checkbox"/> 109</td><td>1</td><td>Tons, dry</td><td>2</td></tr> </table> <table border="1" style="margin-bottom: 10px;"> <tr><td>23. Wild dry hay → <input type="checkbox"/> 112</td><td>1</td><td>Tons, dry</td><td>2</td></tr> </table> |  |                    | None            | ACRES HARVESTED | QUANTITY HARVESTED | ACRES IRRIGATED | 20. Alfalfa and alfalfa mixtures for dry hay → <input type="checkbox"/> 103               | 1                  | Tons, dry   | 2 | 21. Small grain dry hay - barley, oats, rye, wheat, etc. → <input type="checkbox"/> 106 | 1               | Tons, dry   | 2           | 22. Other tame dry hay - clover, fescue, lespedeza, timothy, Bermuda grass, Sudangrass, sorghum hay, etc. → <input type="checkbox"/> 109 | 1 | Tons, dry | 2 | 23. Wild dry hay → <input type="checkbox"/> 112 | 1 | Tons, dry | 2 |
| None   | ACRES HARVESTED  | QUANTITY HARVESTED | ACRES IRRIGATED |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| 20. Alfalfa and alfalfa mixtures for dry hay → <input type="checkbox"/> 103  | 1  | Tons, dry          | 2               |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| 21. Small grain dry hay - barley, oats, rye, wheat, etc. → <input type="checkbox"/> 106  | 1  | Tons, dry          | 2               |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| 22. Other tame dry hay - clover, fescue, lespedeza, timothy, Bermuda grass, Sudangrass, sorghum hay, etc. → <input type="checkbox"/> 109   | 1  | Tons, dry          | 2               |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| 23. Wild dry hay → <input type="checkbox"/> 112  | 1  | Tons, dry          | 2               |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| <b>HAYLAGE, GRASS SILAGE, and GREENCHOP</b> <table border="1" style="margin-bottom: 10px;"> <tr><td style="width: 10%;">None</td><td style="width: 40%;">ACRES HARVESTED</td><td style="width: 40%;">QUANTITY HARVESTED</td><td style="width: 20%;">ACRES IRRIGATED</td></tr> </table> <table border="1" style="margin-bottom: 10px;"> <tr><td>24. Haylage or greenchop from alfalfa or alfalfa mixtures → <input type="checkbox"/> 1070</td><td>1</td><td>Tons, green</td><td>2</td></tr> </table> <table border="1" style="margin-bottom: 10px;"> <tr><td>25. All other haylage, grass silage, and greenchop → <input type="checkbox"/> 1073</td><td>1</td><td>Tons, green</td><td>2</td></tr> </table>  |  |                    | None            | ACRES HARVESTED | QUANTITY HARVESTED | ACRES IRRIGATED | 24. Haylage or greenchop from alfalfa or alfalfa mixtures → <input type="checkbox"/> 1070 | 1                  | Tons, green | 2 | 25. All other haylage, grass silage, and greenchop → <input type="checkbox"/> 1073      | 1               | Tons, green | 2           |  |   |           |   |   |   |           |   |
| None   | ACRES HARVESTED  | QUANTITY HARVESTED | ACRES IRRIGATED |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| 24. Haylage or greenchop from alfalfa or alfalfa mixtures → <input type="checkbox"/> 1070  | 1  | Tons, green        | 2               |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| 25. All other haylage, grass silage, and greenchop → <input type="checkbox"/> 1073   | 1  | Tons, green        | 2               |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| <b>TOTAL HAY and FORAGE CROPS</b> <p>(Exclude corn silage, sorghum silage, and straw.)</p> <table border="1" style="margin-top: 10px;"> <tr><td style="width: 10%;">None</td><td style="width: 40%;">ACRES HARVESTED</td><td style="width: 40%;">ACRES IRRIGATED</td></tr> </table>  |  |                    | None            | ACRES HARVESTED | ACRES IRRIGATED    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| None   | ACRES HARVESTED  | ACRES IRRIGATED    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |
| <p>26. All land from which dry hay, haylage, grass silage, or greenchop was cut or forage was harvested (When both dry hay and haylage, grass silage, or greenchop were cut or when there were multiple cuttings, report acres only once.) → <input type="checkbox"/> 1021</p>   |  |                    |                 |                 |                    |                 |   |                    |             |   |   |                 |             |             |  |   |           |   |   |   |           |   |

## WOODLAND CROPS

- 27. Cut Christmas trees - cut or to be cut**  
*(Report live trees sold in section 5.)* \_\_\_\_\_

**28. Short rotation woody crops**  
*(Trees with growth cycles of 10 years or less. Report nursery stock in section 5.)* \_\_\_\_\_

**29. Maple syrup** \_\_\_\_\_

| Category                 | 1023 | 1025 | 800 |
|--------------------------|------|------|-----|
| ACRES IN PRODUCTION      | 10   | 10   | 10  |
| NUMBER OF TREES CUT      | 10   | 10   | 10  |
| ACRES HARVESTED          | 10   | 10   | 10  |
| NUMBER OF TAPS           | 10   | 10   | 10  |
| SYRUP PRODUCED (GALLONS) | 10   | 10   | 10  |

## **OTHER FIELD and FORAGE CROPS**

(Report fruit and nut crops, nursery, greenhouse, floriculture, mushrooms, sod, vegetables, and berries in sections 5 through 8.)

30. For those crops not listed, enter the crop name and crop code from the list below for any other field and forage crop harvested in 2002. Report quantity harvested in the unit specified with the crop name.

*If more space is needed, use a separate sheet of paper.*

| CROP NAME                                 | CODE | CROP NAME   | CODE | CROP NAME                            | CODE | CROP NAME   | CODE |
|---|------|---|------|--------------------------------------|------|---|------|
| Alfalfa seed (pounds) . . . . .           | 542  | Flaxseed (bushels) . . . . .                        | 605  | Sorghum for syrup (pounds) . . . . . | 704  | Vetch seed (pounds) . . . . .                                   | 755  |
| Buckwheat (bushels) . . . . .             | 575  | Proso millet for grain for seed (bushels) . . . . . | 665  | Sweetclover seed (pounds) . . . . .  | 737  | Wild rice (hundredweight) . . . . .                             | 764  |
| Canola (pounds) . . . . .                 | 614  | Safflower (pounds) . . . . .                        | 692  | Triticale (bushels) . . . . .        | 749  | Other field and forage crops (pounds) - specify above . . . . . | 752  |
| Dry edible peas (hundredweight) . . . . . | 659  |   |      |                                      |      |   |      |

020307

020308

**SECTION 7**

**FRUITS and NUTS -**

Was there a combined total of 20 or more FRUIT or NUT TREES, including GRAPEVINES, on "**THIS OPERATION**" in 2002? (Report berries in section 8.)

1047

YES - Complete this section

3

NO - Go to section 8

1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, vineyards, and nut trees on "**THIS OPERATION**."  
*(Exclude abandoned acres.)*

| TOTAL ACRES |  | ACRES IRRIGATED |             |        |
|-------------|--|-----------------|-------------|--------|
| WHOLE ACRES |  | Tenths          | WHOLE ACRES | Tenths |
| 121         |  |                 | 122         |        |
|             |  |                 |             |        |

2. For those crops not listed, enter the crop name and crop code from the list below for the other fruit and nut trees on "**THIS OPERATION**" in 2002. (Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.)

| CROP NAME       | CROP CODE | TOTAL ACRES |        | BEARING ACRES |        | NONBEARING ACRES |        |
|-----------------|-----------|-------------|--------|---------------|--------|------------------|--------|
|                 |           | WHOLE ACRES | Tenths | WHOLE ACRES   | Tenths | WHOLE ACRES      | Tenths |
| Apples          | 1 2 3 2   |             |        |               | 1      |                  |        |
| Cherries, sweet | 3 4 5 2   |             |        |               | 1      |                  |        |
| Cherries, tart  | 5 8 7 2   |             |        |               | 1      |                  |        |
| Grapes          | 3 6 6 2   |             |        |               | 1      |                  |        |
| Peaches         | 2 2 8 2   |             |        |               | 1      |                  |        |
| Pears           | 2 4 6 2   |             |        |               | 1      |                  |        |
|                 |           | 2           |        |               | 1      |                  |        |
|                 |           | 2           |        |               | 1      |                  |        |
|                 |           | 2           |        |               | 1      |                  |        |
|                 |           | 2           |        |               | 1      |                  |        |

If more space is needed, use a separate sheet of paper.

CROP NAME      CODE

Apricots ..... 129

Nectarines ..... 201

CROP NAME      CODE

Plums and prunes ..... 252

Other fruit and nuts -  
specify above ..... 369

020309

**SECTION 8 BERRIES -**  
Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from "THIS OPERATION" in 2002?  
(Exclude those grown in home gardens.)

1041 1  YES - Complete this section 3  NO - Go to section 9

| TOTAL ACRES |        | ACRES IRRIGATED |        |
|-------------|--------|-----------------|--------|
| WHOLE ACRES | Tenths | WHOLE ACRES     | Tenths |
| 1043        |        | 1044            |        |

- Land from which berries were harvested in 2002 →
- From the list below, report acreage harvested.

| CROP NAME                         | ACRES HARVESTED    |
|-----------------------------------|--------------------|
|                                   | WHOLE ACRES Tenths |
| Blackberries and dewberries → 509 |                    |
| Blueberries, tame → 512           |                    |
| Blueberries, wild → 515           |                    |
| Cranberries → 521                 |                    |

| CROP NAME                   | ACRES HARVESTED    |
|-----------------------------|--------------------|
|                             | WHOLE ACRES Tenths |
| Raspberries → 492           |                    |
| Strawberries → 536          |                    |
| Other berries specify → 539 |                    |

If more space is needed, use a separate sheet of paper.

---

**SECTION 9 HOGS and PIGS -**  
Did YOU or ANYONE ELSE have any hogs or pigs on "THIS OPERATION" during 2002?  
(Include hogs grown for others on a contract basis.  
Contractors or integrators only report hogs on land you operate.  
Exclude hogs grown by someone else on contract.)

1211 1  YES - Complete this section 3  NO - Go to section 10

**DECEMBER 31, 2002, INVENTORY**

- Of the total number of hogs and pigs on hand, how many were -
  - HOGS and PIGS used or to be used for BREEDING? →
  - Other hogs and pigs, including market hogs? →
- TOTAL HOGS and PIGS on hand December 31, 2002 - ADD items 1a and 1b →

| None | NUMBER ON THIS OPERATION DECEMBER 31, 2002 |
|------|--|
| 816  |  |
| 817  |  |
| 815  |  |

**HOGS AND PIGS SOLD FROM "THIS OPERATION" IN 2002**

- Number of HOGS and PIGS sold or moved from "THIS OPERATION" in 2002, including feeder pigs →

| NUMBER |  |
|--------|--|
| 820    |  |

**TYPE OF OPERATION and PRODUCER**

- Mark the item(s) which best describes this operation.

|  |  |   |
|--|--|---|
| 1241 <input type="checkbox"/> Farrow to wean   | 1242 <input type="checkbox"/> Farrow to finish | 1243 <input type="checkbox"/> Finish only       |
| 1244 <input type="checkbox"/> Farrow to feeder | 1245 <input type="checkbox"/> Nursery          | 1246 <input type="checkbox"/> Other - specify → |

- Mark the item(s) which best describes this producer.

|  |  |  |
|--|--|--|
| 1214 <input type="checkbox"/> Independent grower | 1215 <input type="checkbox"/> Contractor or integrator | 1216 <input type="checkbox"/> Contract grower (contractee) |
|--|--|--|

020310

|                   |   |
|-------------------|---|
| <b>SECTION 10</b> | <b>CATTLE and CALVES -</b><br>Did YOU or ANYONE ELSE have any cattle or calves, including dairy cattle, on "THIS OPERATION" in 2002?<br><small>(Include cattle on land used rent free.<br/>Include cattle on public, private, or industrial property under a grazing permit.)</small> |
|-------------------|---|

1201    1  YES - Complete this section    3  NO - Go to section 11

**DECEMBER 31, 2002, INVENTORY**

(Include cattle grown or fed on "THIS OPERATION" for others on a custom or contract basis. Exclude any of your cattle grown or fed by someone else on a custom or contract basis.)

|  |   |
|--|---|
| 1. Of the total number of cattle and calves on hand, how many were - | <b>NUMBER ON THIS OPERATION DECEMBER 31, 2002</b> |
|--|---|

|  |             |
|--|-------------|
| a. BEEF COWS? (Include beef heifers that had calved.) → <input type="checkbox"/> | None    804 |
|--|-------------|

|   |     |
|---|-----|
| b. MILK COWS, both dry or in milk? (Include milk heifers that had calved.) → <input type="checkbox"/> | 805 |
|---|-----|

|   |      |
|---|------|
| c. OTHER CATTLE (heifers, steers, calves, and bulls combined)? → <input type="checkbox"/> | 1206 |
|---|------|

|  |     |
|--|-----|
| 2. TOTAL CATTLE and CALVES on hand December 31, 2002 - ADD items 1a and 1b and 1c → <input type="checkbox"/> | 803 |
|--|-----|

|  |      |
|--|------|
| 3. Of the total cattle and calves reported in item 2 above, how many were ON FEED December 31, 2002, that were or will be shipped directly from your feedlot to slaughter market? → <input type="checkbox"/> | 1207 |
|--|------|

**CATTLE and CALVES SOLD FROM "THIS OPERATION" IN 2002**

(Include those fed on "THIS OPERATION" on a custom or contract basis.  
Also report as sold cattle moved from "THIS OPERATION" to a feedlot for further feeding.)

|  |               |
|--|---------------|
| 4. Of the CATTLE and CALVES sold or moved from "THIS OPERATION" during 2002, how many were - | <b>NUMBER</b> |
|--|---------------|

|  |             |
|--|-------------|
| a. CALVES sold in 2002 weighing less than 500 pounds? → <input type="checkbox"/> | None    808 |
|--|-------------|

|  |     |
|--|-----|
| b. CATTLE sold in 2002, including calves weighing 500 pounds or more? → <input type="checkbox"/> | 810 |
|--|-----|

|   |     |
|---|-----|
| 5. Of the cattle reported sold in item 4b above, how many were ON FEED that were shipped directly from your feedlot to the slaughter market?<br><small>(Exclude any of your cattle being custom fed in feedlots operated by others.<br/>Exclude cattle sold as feeders.)</small> → <input type="checkbox"/> | 812 |
|---|-----|

020311

| <b>SECTION 11 POUlTRY -</b>   |  |  |   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
|---|--|--|---|--|---|----|---|-------------|-----|----|--|------|-----|----|--|-----|-----|----|-----------|------|------|----|---------|-----|-----|----|--------|-----|-----|----|---------|-----|-----|----|-------------|-----|-----|----|-------------|-----|-----|----|--------------------|-----|-----|----|---------|-----|-----|-----|-------------------------------|-----|-----|---|--|-------------|--------|
| Did YOU or ANYONE ELSE have any poultry, such as chickens, turkeys, ducks, emus, ostriches, etc., on "THIS OPERATION" in 2002?<br><i>(Include poultry grown for others on a contract basis.)</i>  |  |  |   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 1217  | 1 <input type="checkbox"/> YES - Complete this section      3 <input type="checkbox"/> NO - Go to section 12 |  |   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">1.</th> <th style="width: 20%;">Chickens -</th> <th style="width: 20%; text-align: center;">INVENTORY ON THIS OPERATION<br/>DECEMBER 31, 2002</th> <th style="width: 20%; text-align: center;">TOTAL NUMBER SOLD OR MOVED<br/>FROM THIS OPERATION IN 2002</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>Layers 20 weeks old and older for table and hatching eggs →</td> <td style="text-align: center;">None<br/>892</td> <td style="text-align: center;">893</td> </tr> <tr> <td>b.</td> <td>Pullets for laying flock replacement →</td> <td style="text-align: center;">1221</td> <td style="text-align: center;">895</td> </tr> <tr> <td>c.</td> <td>Broilers, fryers, and other chickens raised for meat production, including capons and roasters →</td> <td style="text-align: center;">898</td> <td style="text-align: center;">899</td> </tr> <tr> <td>2.</td> <td>Turkeys →</td> <td style="text-align: center;">1223</td> <td style="text-align: center;">1224</td> </tr> <tr> <td>3.</td> <td>Ducks →</td> <td style="text-align: center;">904</td> <td style="text-align: center;">905</td> </tr> <tr> <td>4.</td> <td>Emus →</td> <td style="text-align: center;">845</td> <td style="text-align: center;">846</td> </tr> <tr> <td>5.</td> <td>Geese →</td> <td style="text-align: center;">906</td> <td style="text-align: center;">907</td> </tr> <tr> <td>6.</td> <td>Ostriches →</td> <td style="text-align: center;">878</td> <td style="text-align: center;">879</td> </tr> <tr> <td>7.</td> <td>Pheasants →</td> <td style="text-align: center;">910</td> <td style="text-align: center;">911</td> </tr> <tr> <td>8.</td> <td>Pigeons or squab →</td> <td style="text-align: center;">908</td> <td style="text-align: center;">909</td> </tr> <tr> <td>9.</td> <td>Quail →</td> <td style="text-align: center;">912</td> <td style="text-align: center;">913</td> </tr> <tr> <td>10.</td> <td>All other poultry - specify ↓</td> <td style="text-align: center;">914</td> <td style="text-align: center;">915</td> </tr> <tr> <td colspan="2">11. POUlTRY HATCHED on "THIS OPERATION" in 2002<br/><i>(chickens, turkeys, ducks, etc.) - specify kind(s) of poultry →</i></td> <td style="text-align: center;">None<br/>916</td> <td style="text-align: center;">NUMBER</td> </tr> </tbody> </table> |  | 1.   | Chickens -  | INVENTORY ON THIS OPERATION<br>DECEMBER 31, 2002 | TOTAL NUMBER SOLD OR MOVED<br>FROM THIS OPERATION IN 2002 | a. | Layers 20 weeks old and older for table and hatching eggs → | None<br>892 | 893 | b. | Pullets for laying flock replacement → | 1221 | 895 | c. | Broilers, fryers, and other chickens raised for meat production, including capons and roasters → | 898 | 899 | 2. | Turkeys → | 1223 | 1224 | 3. | Ducks → | 904 | 905 | 4. | Emus → | 845 | 846 | 5. | Geese → | 906 | 907 | 6. | Ostriches → | 878 | 879 | 7. | Pheasants → | 910 | 911 | 8. | Pigeons or squab → | 908 | 909 | 9. | Quail → | 912 | 913 | 10. | All other poultry - specify ↓ | 914 | 915 | 11. POUlTRY HATCHED on "THIS OPERATION" in 2002<br><i>(chickens, turkeys, ducks, etc.) - specify kind(s) of poultry →</i> |  | None<br>916 | NUMBER |
| 1.  | Chickens -   | INVENTORY ON THIS OPERATION<br>DECEMBER 31, 2002 | TOTAL NUMBER SOLD OR MOVED<br>FROM THIS OPERATION IN 2002 |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| a.  | Layers 20 weeks old and older for table and hatching eggs →  | None<br>892                                      | 893   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| b.  | Pullets for laying flock replacement →   | 1221   | 895   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| c.  | Broilers, fryers, and other chickens raised for meat production, including capons and roasters →             | 898  | 899   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 2.  | Turkeys →  | 1223   | 1224  |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 3.  | Ducks →  | 904  | 905   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 4.  | Emus →   | 845  | 846   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 5.  | Geese →  | 906  | 907   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 6.  | Ostriches →  | 878  | 879   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 7.  | Pheasants →  | 910  | 911   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 8.  | Pigeons or squab →   | 908  | 909   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 9.  | Quail →  | 912  | 913   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 10.   | All other poultry - specify ↓  | 914  | 915   |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |
| 11. POUlTRY HATCHED on "THIS OPERATION" in 2002<br><i>(chickens, turkeys, ducks, etc.) - specify kind(s) of poultry →</i>   |  | None<br>916                                      | NUMBER  |  |   |    |   |             |     |    |  |      |     |    |  |     |     |    |           |      |      |    |         |     |     |    |        |     |     |    |         |     |     |    |             |     |     |    |             |     |     |    |                    |     |     |    |         |     |     |     |                               |     |     |   |  |             |        |

**SECTION 12 OTHER ANIMALS and THEIR PRODUCTS and AQUACULTURE -**  
Did YOU or ANYONE ELSE have any horses, sheep, bees, goats, fish and other aquaculture, other livestock, or animal specialties on "THIS OPERATION" in 2002?

1237 1  YES - Complete this section 3  NO - Go to section 13

|  | None | INVENTORY ON THIS OPERATION<br>DECEMBER 31, 2002 |      |  |      |      |      |  |  |  |  |  |  | None                               | TOTAL NUMBER SOLD IN 2002 |                    |  |      |  |  |  |  |  |  |  |  |
|--|------|--|------|--|------|------|------|--|--|--|--|--|--|------------------------------------|---------------------------|--------------------|--|------|--|--|--|--|--|--|--|--|
| 1. Horses and ponies of all ages   | 830  |  |      |  |      |      |      |  |  |  |  |  |  | 1                                  |                           |                    |  |      |  |  |  |  |  |  |  |  |
| 2. Sheep and lambs of all ages (owned)   | 824  |  |      |  |      |      |      |  |  |  |  |  |  | 1                                  |                           |                    |  |      |  |  |  |  |  |  |  |  |
| a. Ewes 1 year old or older (owned)  | 826  |  |      |  |      |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| 3. Milk goats  | 843  |  |      |  |      |      |      |  |  |  |  |  |  | 1                                  |                           |                    |  |      |  |  |  |  |  |  |  |  |
| 4. Angora goats  | 847  |  |      |  |      |      |      |  |  |  |  |  |  | 1                                  |                           |                    |  |      |  |  |  |  |  |  |  |  |
| 5. Meat and other goats  | 851  |  |      |  |      |      |      |  |  |  |  |  |  | 1                                  |                           |                    |  |      |  |  |  |  |  |  |  |  |
| 6. Colonies of bees (owned)  | 839  |  |      |  |      |      |      |  |  |  |  |  |  | 1                                  |                           |                    |  |      |  |  |  |  |  |  |  |  |
| 7. Other livestock and animals - From the list below, enter the name and code for other livestock raised in captivity - <b>Report emus and ostriches in section 11, Poultry.</b> |      |  |      |  |      |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| OTHER LIVESTOCK NAME   | CODE | INVENTORY ON THIS OPERATION<br>DECEMBER 31, 2002 |      |  |      |      |      |  |  |  |  |  |  | TOTAL NUMBER SOLD IN 2002          |                           |                    |  |      |  |  |  |  |  |  |  |  |
|  |      |  |      |  |      |      |      |  |  |  |  |  |  | 1                                  |                           |                    |  |      |  |  |  |  |  |  |  |  |
|  |      |  |      |  |      |      |      |  |  |  |  |  |  | 1                                  |                           |                    |  |      |  |  |  |  |  |  |  |  |
|  |      |  |      |  |      |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| NAME   | CODE | NAME   | CODE | NAME                                       | CODE | NAME | CODE |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| Bison  | 886  | Llama  | 874  | Rabbits (Include pelts.)                   | 854  |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| Deer   | 888  | Mink (Include pelts.)                            | 836  | Other livestock - specify above            | 857  |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| Elk  | 890  | Mules, burros, and donkeys                       | 833  |  |      |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| LIVESTOCK and ANIMAL PRODUCTS  |      |  |      |  |      |      |      |  |  |  |  |  |  |                                    |                           | PRODUCTION IN 2002 |  | UNIT |  |  |  |  |  |  |  |  |
| 8. Wool (pounds shorn)   | 828  |  |      |  |      |      |      |  |  |  |  |  |  |                                    |                           | pounds             |  |      |  |  |  |  |  |  |  |  |
| 9. Mohair (pounds clipped)   | 849  |  |      |  |      |      |      |  |  |  |  |  |  |                                    |                           | pounds             |  |      |  |  |  |  |  |  |  |  |
| 10. Honey (pounds)   | 841  |  |      |  |      |      |      |  |  |  |  |  |  |                                    |                           | pounds             |  |      |  |  |  |  |  |  |  |  |
| 11. Other livestock products - specify type and unit   | 970  |  |      |  |      |      |      |  |  |  |  |  |  |                                    |                           | —                  |  |      |  |  |  |  |  |  |  |  |
| AQUACULTURE  |      |  |      |  |      |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| 12. From the list below, enter the name and code for fish and other aquaculture products.  |      |  |      |  |      |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| AQUACULTURE NAME   | CODE | TOTAL POUNDS SOLD IN 2002                        |      |  |      |      |      |  |  |  |  |  |  | TOTAL NUMBER SOLD OR MOVED IN 2002 |                           |                    |  |      |  |  |  |  |  |  |  |  |
|  |      |  |      |  |      |      |      |  |  |  |  |  |  | OR                                 |                           |                    |  |      |  |  |  |  |  |  |  |  |
|  |      |  |      |  |      |      |      |  |  |  |  |  |  | OR                                 |                           |                    |  |      |  |  |  |  |  |  |  |  |
| NAME   | CODE | NAME   | CODE | NAME                                       | CODE | NAME | CODE |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| Catfish  | 860  | Baitfish   | 900  | Sport or game fish                         | 984  |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| Trout  | 863  | Crustaceans                                      | 902  | Other fish - specify above                 | 866  |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |
| Other food fish - specify above  | 896  | Mollusks   | 978  | Other aquaculture products - specify above | 869  |      |      |  |  |  |  |  |  |                                    |                           |                    |  |      |  |  |  |  |  |  |  |  |

**SECTION 13 PRODUCTION CONTRACTS and CUSTOM FEEDING -**

1. In 2002, did "THIS OPERATION" custom feed for others any livestock or poultry that it did not own?  
 1300 1  YES - Go to item 5      3  NO - Continue
2. Did "THIS OPERATION" raise any crop, livestock, or poultry that it did not own?  
 1301 1  YES - Continue      3  NO - Go to section 14
3. Did the owner (contractor) of the commodity provide any inputs (such as feed or seed)?  
 1302 1  YES - Continue      3  NO - Go to section 14
4. Did "THIS OPERATION" receive a fee or percentage of the production for raising the commodity?  
 1303 1  YES - Continue      3  NO - Go to section 14
5. How many units (*head, bushels, etc.*) of the following contract commodities were raised and delivered from "THIS OPERATION" in 2002?  
*(Exclude commodities raised for marketing contracts.)*

| None   | QUANTITY DELIVERED                                |   |  |  |  |  |  |  |  |  |  |  | UNIT       |  |
|--|---|---|--|--|--|--|--|--|--|--|--|--|------------|--|
|  | 1304  |   |  |  |  |  |  |  |  |  |  |  | birds      |  |
| a. Broilers and other meat-type chickens →   | 1305  |   |  |  |  |  |  |  |  |  |  |  | dozen eggs |  |
| b. Eggs (chicken) →  | 1306  |   |  |  |  |  |  |  |  |  |  |  | birds      |  |
| c. Pullets for laying flock replacement →  | 1307  |   |  |  |  |  |  |  |  |  |  |  | birds      |  |
| d. Turkeys →   | 1308  |   |  |  |  |  |  |  |  |  |  |  | head       |  |
| e. Custom fed cattle<br><i>(Exclude cattle custom fed for you by others.)</i> →  | 1309  |   |  |  |  |  |  |  |  |  |  |  | head       |  |
| f. Hogs and pigs →   | 1310  |   |  |  |  |  |  |  |  |  |  |  | head       |  |
| g. Other livestock, poultry, or aquaculture - <i>specify type and unit</i> →   | 1311  |   |  |  |  |  |  |  |  |  |  |  | bushels    |  |
| h. Grains and oilseeds →   | 1312  |   |  |  |  |  |  |  |  |  |  |  | bushels    |  |
| i. Vegetables, melons, potatoes, and sweet potatoes - <i>specify type and unit</i> →   | 1313  |   |  |  |  |  |  |  |  |  |  |  | bushels    |  |
| j. Other crops - <i>specify type and unit</i> →  | 1314  |   |  |  |  |  |  |  |  |  |  |  | bushels    |  |
| <b>TOTAL DOLLARS</b>   |   |   |  |  |  |  |  |  |  |  |  |  |            |  |
| 6. What was the total dollar amount "THIS OPERATION" received in 2002 for delivering commodities under production contracts? | 1314  | 0 0   |  |  |  |  |  |  |  |  |  |  |            |  |
| 7. Mark all expenses that were partially or completely paid by contractor(s).  |   |   |  |  |  |  |  |  |  |  |  |  |            |  |
| 1315 <input type="checkbox"/> None   | 1318 <input type="checkbox"/> Fertilizer and lime | 1321 <input type="checkbox"/> Fuels               | 1324 <input type="checkbox"/> Breeding livestock       |  |  |  |  |  |  |  |  |  |            |  |
| 1316 <input type="checkbox"/> Feeder livestock and poultry   | 1319 <input type="checkbox"/> Chemicals           | 1322 <input type="checkbox"/> Utilities           | 1325 <input type="checkbox"/> Seed                     |  |  |  |  |  |  |  |  |  |            |  |
| 1317 <input type="checkbox"/> Feed   | 1320 <input type="checkbox"/> Supplies            | 1323 <input type="checkbox"/> Veterinary services | 1326 <input type="checkbox"/> Other - <i>specify</i> ↓ |  |  |  |  |  |  |  |  |  |            |  |
| 8. Contractor's name and phone number.   |   |   |  |  |  |  |  |  |  |  |  |  |            |  |
| Name<br>1327   |   |   |  |  |  |  |  |  |  |  |  |  |            |  |
| Area Code and Phone Number<br>1328   |   |   |  |  |  |  |  |  |  |  |  |  |            |  |

020314

**SECTION 14 VALUE OF SALES -**  
 Report value of agricultural products sold from "THIS OPERATION" in 2002, including the value of the landlord's share, before marketing charges, hauling, etc.  
*(Exclude dollars for items produced under production contracts, section 13.)*

| 1.  | GRAINS, OILSEEDS, DRY BEANS, and DRY PEAS<br><small>(corn, flaxseed, grain silage and forage, grains and oilseeds, popcorn, rice, small grains, sorghum, soybeans, sunflowers, straw, etc.)</small> | None                            | DOLLARS |
|-----|---|---------------------------------|---------|
|     | →   | <input type="checkbox"/> 1331   | 0 0     |
| 2.  | TOBACCO →   | <input type="checkbox"/> 1332   | 0 0     |
| 3.  | COTTON and COTTONSEED →   | <input type="checkbox"/> 1333   | 0 0     |
| 4.  | VEGETABLES, MELONS, POTATOES, and SWEET POTATOES<br><small>(beets, cabbage, cantaloups, pumpkins, sweet corn, tomatoes, watermelons, vegetable seeds, etc.)</small>                                 | → <input type="checkbox"/> 1334 | 0 0     |
| 5.  | FRUIT, TREE NUTS, and BERRIES<br><small>(almonds, apples, blueberries, cherries, grapes, hazelnuts, kiwifruit, oranges, pears, pecans, strawberries, walnuts, etc.)</small>                         | → <input type="checkbox"/> 1335 | 0 0     |
| 6.  | NURSERY, GREENHOUSE, FLORICULTURE, and SOD<br><small>(bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, sod, etc.)</small>             | → <input type="checkbox"/> 1336 | 0 0     |
| 7.  | CUT CHRISTMAS TREES and SHORT ROTATION WOODY CROPS →  | <input type="checkbox"/> 1337   | 0 0     |
| 8.  | OTHER CROPS and HAY<br><small>(grass seed, hay and grass silage, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, etc.)</small>   | → <input type="checkbox"/> 1338 | 0 0     |
| 9.  | HOGS and PIGS →   | <input type="checkbox"/> 1341   | 0 0     |
| 10. | MILK and other dairy products from cows →   | <input type="checkbox"/> 1340   | 0 0     |
| 11. | CATTLE and CALVES<br><small>(beef and dairy cattle for breeding stock, fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc.)</small>                                    | → <input type="checkbox"/> 1339 | 0 0     |
| 12. | SHEEP, GOATS, and their PRODUCTS<br><small>(wool, mohair, milk, and cheese)</small>   | → <input type="checkbox"/> 1342 | 0 0     |
| 13. | HORSES, PONIES, MULES, BURROS, AND DONKEYS →  | <input type="checkbox"/> 1343   | 0 0     |
| 14. | POULTRY and EGGS<br><small>(broilers, chickens, turkeys, ducks, eggs, geese, hatchlings, pheasants, poultry products, etc.)</small>   | → <input type="checkbox"/> 1344 | 0 0     |
| 15. | AQUACULTURE<br><small>(catfish, trout, ornamental and other fish, mollusks, crustaceans, etc.)</small>  | → <input type="checkbox"/> 1345 | 0 0     |
| 16. | OTHER ANIMALS and OTHER ANIMAL PRODUCTS<br><small>(bees, honey, rabbits, fur-bearing animals, semen, manure, other animal specialties, etc.)</small>  | → <input type="checkbox"/> 1346 | 0 0     |
| 17. | <b>TOTAL SALES - ADD items 1 through 16</b> →   | <input type="checkbox"/> 1347   | 0 0     |
| a.  | What was the value of the landlord's share of the TOTAL SALES (item 17 above) produced by "THIS OPERATION"? <i>(Exclude cash rents.)</i> →  | <input type="checkbox"/> 1349   | 0 0     |

### VALUE OF SALES - Continued

18. During 2002, did you grow or raise any crops, livestock, poultry, or their products that were sold DIRECTLY to individual consumers for HUMAN CONSUMPTION (roadside stands, farmers markets, pick your own, door to door, etc.)?

1409  YES - Gross value of these direct sales → 920 

|         |  |  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|--|--|
| DOLLARS |  |  |  |  |  |  |  |  |  |
|         |  |  |  |  |  |  |  |  |  |

 0 0

specify product(s) → 1410

3  NO - Continue

19. What was the value of certified organically produced commodities sold from "THIS OPERATION" in 2002? → 1350 

|      |         |  |  |  |  |  |  |  |  |  |  |
|------|---------|--|--|--|--|--|--|--|--|--|--|
| None | DOLLARS |  |  |  |  |  |  |  |  |  |  |
|      |         |  |  |  |  |  |  |  |  |  |  |

 0 0

### SECTION 15 CCC LOANS and FEDERAL FARM PROGRAM PAYMENTS -

(Include all CCC loans taken out in 2002, even if redeemed or forfeited.)

1. Total amount received in 2002 from Government CCC loans for all crops (Include barley, canola and other rapeseed, corn, cotton, flaxseed, oats, mustard seed, rice, safflower, soybeans, sorghum, sunflower seed, and wheat.) → 1411 

|      |         |  |  |  |  |  |  |  |  |  |  |
|------|---------|--|--|--|--|--|--|--|--|--|--|
| None | DOLLARS |  |  |  |  |  |  |  |  |  |  |
|      |         |  |  |  |  |  |  |  |  |  |  |

 0 0

**Payments received for participation in FEDERAL FARM PROGRAMS in 2002 -**  
(Exclude CCC loans and state farm program payments.)

2. Amount received for participation in the Conservation Reserve Program and Wetlands Reserve Program (CRP and WRP) → 685 

|  |         |  |  |  |  |  |  |  |  |  |  |
|--|---------|--|--|--|--|--|--|--|--|--|--|
|  | DOLLARS |  |  |  |  |  |  |  |  |  |  |
|  |         |  |  |  |  |  |  |  |  |  |  |

 0 0
3. Amount received for participation in OTHER Federal farm programs (Include loan deficiency payments) → 1412 

|  |         |  |  |  |  |  |  |  |  |  |  |
|--|---------|--|--|--|--|--|--|--|--|--|--|
|  | DOLLARS |  |  |  |  |  |  |  |  |  |  |
|  |         |  |  |  |  |  |  |  |  |  |  |

 0 0

### SECTION 16 INCOME FROM FARM-RELATED SOURCES -

Report amount received before taxes and expenses in 2002.

1. Customwork and other agricultural services provided for farmers and others - plowing, planting, spraying, harvesting, preparation of products for market, etc. (Exclude if customwork is an entirely separate business from your agricultural operation.) → 992 

|      |         |  |  |  |  |  |  |  |  |  |  |
|------|---------|--|--|--|--|--|--|--|--|--|--|
| None | DOLLARS |  |  |  |  |  |  |  |  |  |  |
|      |         |  |  |  |  |  |  |  |  |  |  |

 0 0
2. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments (Include payments for livestock pastured on a per-head basis, per-month basis, AUM basis, etc.) → 993 

|  |         |  |  |  |  |  |  |  |  |  |  |
|--|---------|--|--|--|--|--|--|--|--|--|--|
|  | DOLLARS |  |  |  |  |  |  |  |  |  |  |
|  |         |  |  |  |  |  |  |  |  |  |  |

 0 0
3. Sales of forest products (Include pulpwood, timber, firewood, etc. Exclude sales of Christmas trees and maple products.) → 994 

|  |         |  |  |  |  |  |  |  |  |  |  |
|--|---------|--|--|--|--|--|--|--|--|--|--|
|  | DOLLARS |  |  |  |  |  |  |  |  |  |  |
|  |         |  |  |  |  |  |  |  |  |  |  |

 0 0
4. Recreational services, such as hunting, fishing, etc. → 1401 

|  |         |  |  |  |  |  |  |  |  |  |  |
|--|---------|--|--|--|--|--|--|--|--|--|--|
|  | DOLLARS |  |  |  |  |  |  |  |  |  |  |
|  |         |  |  |  |  |  |  |  |  |  |  |

 0 0
5. Patronage dividends and refunds from cooperatives → 1402 

|  |         |  |  |  |  |  |  |  |  |  |  |
|--|---------|--|--|--|--|--|--|--|--|--|--|
|  | DOLLARS |  |  |  |  |  |  |  |  |  |  |
|  |         |  |  |  |  |  |  |  |  |  |  |

 0 0
6. Other income which is CLOSELY RELATED to the agricultural operation (Include animal boarding, tobacco settlements, state fuel tax refunds, tax refunds, state farm program payments, etc.) - specify ↓ → 1403 

|  |         |  |  |  |  |  |  |  |  |  |  |
|--|---------|--|--|--|--|--|--|--|--|--|--|
|  | DOLLARS |  |  |  |  |  |  |  |  |  |  |
|  |         |  |  |  |  |  |  |  |  |  |  |

 0 0

020316

| <b>SECTION 17 PRODUCTION EXPENSES -</b><br>Report production expenses paid by "THIS OPERATION" and its landlord(s)<br>for "THIS OPERATION" in 2002.  |                               |
|--|-------------------------------|
| (Exclude expenses not related to the farm business and exclude expenses connected with performing customwork for others.<br>Exclude expenses paid by the contractor.)                                      |                               |
| <b>EXPENSES PAID BY "THIS OPERATION" and ITS LANDLORD(S)</b>   |                               |
| ▲ None   | <b>DOLLARS</b>                |
| 1. Fertilizer, lime, and soil conditioners purchased<br>(Include cost of custom application and organic materials.)  | 1501 <input type="text"/> 0 0 |
| 2. Chemicals purchased - insecticides, herbicides, fungicides, other pesticides, etc.<br>(Include cost of custom application.)   | 1502 <input type="text"/> 0 0 |
| 3. Seeds, plants, vines, trees, etc. purchased<br>(Include technology or other fees, seed treatments, and seed cleaning cost. Exclude items purchased for resale without additional growth.)               | 1503 <input type="text"/> 0 0 |
| 4. Livestock and poultry purchased -   |                               |
| a. Breeding livestock, regardless of age<br>(Include dairy cattle.)  | 1504 <input type="text"/> 0 0 |
| b. All other livestock and poultry<br>(Include stocker and feeder cattle, calves, sheep, lambs, feeder pigs, chicks, pouls, started pullets, horses, fish, goats, etc. Include livestock leasing expense.) | 1505 <input type="text"/> 0 0 |
| 5. Feed purchased for livestock and poultry<br>(Include grain, hay, silage, mixed feeds, concentrates, supplements, and premixes, etc.)  | 1506 <input type="text"/> 0 0 |
| 6. Gasoline, fuels, and oils purchased for the farm business<br>(Include diesel, natural gas, LP gas, motor oil, and grease, etc.)   | 1507 <input type="text"/> 0 0 |
| 7. Utilities purchased for the farm business<br>(Include electricity, farm share of telephone, water purchased, etc.)  | 1508 <input type="text"/> 0 0 |
| 8. Supplies, repairs, and maintenance costs<br>for the farm business   | 1509 <input type="text"/> 0 0 |
| 9. Labor -   |                               |
| a. Hired farm and ranch labor<br>(Include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc.)  | 1510 <input type="text"/> 0 0 |
| b. Contract labor<br>(Include expenses for labor, such as harvesting of fruit, vegetables, berries, etc. performed on a contract basis by a contractor, crew leader, etc.)                                 | 1511 <input type="text"/> 0 0 |
| 10. Customwork and custom hauling<br>(Example: Custom planting, harvesting, etc. and custom hauling of grain, livestock, milk, manure, etc.)   | 1512 <input type="text"/> 0 0 |
| 11. Rent -   |                               |
| a. Cash rent paid in 2002<br>(Include rent for land, buildings, and grazing fees.)   | 1513 <input type="text"/> 0 0 |
| b. Rent and lease expenses for machinery, equipment, and farm share of vehicles<br>(Exclude custom hire.)  | 1514 <input type="text"/> 0 0 |
| 12. Interest paid on debts -   |                               |
| a. Secured by real estate  | 1515 <input type="text"/> 0 0 |
| b. Not secured by real estate  | 1516 <input type="text"/> 0 0 |
| 13. Property taxes paid in 2002<br>(Include farm real estate, machinery, livestock, etc. for the farm business. Exclude taxes paid by landlords.)  | 1517 <input type="text"/> 0 0 |
| 14. All other production expenses<br>(Include animal health cost, storage and warehousing, marketing and ginning expenses, miscellaneous farm supplies, insurance, etc. Exclude health and payroll taxes.) | 1518 <input type="text"/> 0 0 |

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## **PRODUCTION EXPENSES - Continued**

**EXPENSES PAID BY LANDLORD(S)**

15. Of all the production expenses,  
what was the amount paid by landlord(s)? \_\_\_\_\_

| None | DOLLARS |
|------|---------|
| 1519 | 0 0     |

## DEPRECIATION

**16. Depreciation expenses claimed by "THIS OPERATION" in 2002 for all capital assets**  
*(Estimate 2002 from 2001 if necessary.)* \_\_\_\_\_

1520 0 0

**SECTION 18 FERTILIZERS and CHEMICALS APPLIED -**

Were any fertilizers, manure, insecticides, fungicides, nematicides, pesticides, growth regulators, or other chemicals used on **"THIS OPERATION"** during 2002?

**(Include rock phosphate, lime, and gypsum as fertilizer.)**

1568  YES - Complete this section  NO - Go to section 19

**COMMERCIAL FERTILIZER and SOIL CONDITIONERS USED ON "THIS OPERATION"**

**1. Acres of cropland fertilized in 2002**  
*(Exclude cropland used only for pastures.)*

| None  | ACRES |
|---|-------|
|  | 932   |

2. Acres of pastureland and rangeland fertilized in 2002,  
including cropland pastured \_\_\_\_\_

933

**MANURE USED ON "THIS OPERATION"**

3. Acres of cropland and pastureland on which animal manure was applied in 2002 \_\_\_\_\_

1569

**CHEMICALS USED ON "THIS OPERATION"**

**CHEMICALS USED ON THIS OPERATION**  
(The same acres can be reported in more than one item below. However, report acres only ONCE for multiple applications.)

**4. Acres treated to control -**

**None** **ACRES**

a. Insects \_\_\_\_\_

b. Weeds, grass, or brush (include both pre-emergence and post-emergence) \_\_\_\_\_

5 Acres of crops treated to control growth, thin fruit, or defoliate

940

**SECTION 19 MACHINERY and EQUIPMENT -**  
Report machinery and equipment on "THIS OPERATION" on December 31, 2002.

1. Estimated market value of ALL machinery, equipment, and implements on "THIS OPERATION" regardless of ownership on December 31, 2002  
*(Include all machinery, equipment, and implements used for the farm or ranch business in 2001 or 2002 and usually kept on this operation.)*

| ESTIMATED MARKET VALUE (DOLLARS) |   |   |   |   |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|---|---|---|---|
| 943                              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

2. For the machinery and equipment items listed below, report the NUMBER on "THIS OPERATION" on December 31, 2002, and used in 2001 or 2002.

|   | Total number on this operation December 31, 2002 | None | Of these, the number manufactured in the last 5 years (1998-2002) |
|---|--|------|---|
| a. Tractors less than 40 horsepower (PTO) <i>(Exclude garden tractors.)</i> | 946  | 947  | 948   |
| b. Tractors 40 - 99 horsepower (PTO)  | 948  | 949  | 949   |
| c. Tractors 100 horsepower (PTO) or more                                    | 962  | 963  | 963   |
| d. Grain and bean combines, self-propelled                                  | 950  | 951  | 951   |
| e. Cotton pickers and strippers, self-propelled                             | 956  | 957  | 957   |
| f. Forage harvesters, self-propelled  | 953  | 954  | 954   |
| g. Hay balers   | 960  | 961  | 961   |

**SECTION 20 MARKET VALUE OF LAND and BUILDINGS -**  
Report your best ESTIMATE of the CURRENT MARKET VALUE OF LAND and BUILDINGS for acres reported in section 1, items 1, 2, and 3, on page 2.

1. Estimated market value of -

| ESTIMATED MARKET VALUE OF LAND AND BUILDINGS (DOLLARS) |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|
| None   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

a. All land and buildings owned → 996

b. All land and buildings rented or leased FROM OTHERS → 997

c. All land and buildings rented or leased TO OTHERS → 998

**SECTION 21 FARM LABOR -**

1. How many hired farm or ranch workers, including paid family members and office workers, on "THIS OPERATION" in 2002 -

| NUMBER OF HIRED WORKERS |     |     |     |     |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| None                    | 941 | 941 | 941 | 941 | 941 | 941 | 941 | 941 | 941 |

a. Worked less than 150 days? *(Exclude contract labor.)* → 941

b. Worked 150 days or more? *(Exclude contract labor.)* → 942

2. On "THIS OPERATION" in 2002, were any hired or contract workers migrant workers?  
*(A migrant worker is a farm worker whose employment required travel that prevented the migrant worker from returning to his/her permanent place of residence the same day.)*

1573    1  YES    3  NO

020319

**SECTION 22 TYPE OF ORGANIZATION -**

1. Mark the one item which best describes "THIS OPERATION" in 2002.

<sup>1671</sup> 1  FAMILY or INDIVIDUAL operation (*Exclude partnership and corporation.*)

2  PARTNERSHIP operation (*Include family partnerships.*) –

- Is this partnership registered under state law?

<sup>1567</sup> 1  YES      3  NO

3  INCORPORATED UNDER STATE LAW –

- Is this a family-held corporation?

<sup>1681</sup> 1  YES      3  NO

- Are there more than 10 stockholders?

<sup>1683</sup> 1  YES      3  NO

4  OTHER, such as estate or trust, prison farm, grazing association,  
American Indian reservation, etc. - *specify type* \_\_\_\_\_

**Section 23** - Not applicable to this form. Go to section 24.

## SECTION 24 OPERATOR CHARACTERISTICS -

The operators are those persons responsible for the day-to-day management decisions for "THIS OPERATION," including hired managers.

1. How many individuals were involved in the day-to-day decisions for "THIS OPERATION"?  
 (Enter the number of operators, including the operator listed on the front of this form. Identify the operators in the columns below. **Exclude** hired workers unless they are a hired manager or family member.) →

| NUMBER OF OPERATORS |
|---------------------|
| 1575                |
| 1574                |

2. How many of these operators are women? →

Answer the following questions for up to three primary operators of "THIS OPERATION" as of December 31, 2002.

3. Name →

| PRINCIPAL OPERATOR<br>or senior partner |
|---|
|---|

4. Sex of operator →

|   |
|---|
| 926   |
| 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female |

5. Principal occupation of operator -

| MARK ONE |
|----------|
|----------|

a. Farm or ranch operator →

|                            |
|----------------------------|
| 928                        |
| 1 <input type="checkbox"/> |
| 2 <input type="checkbox"/> |

b. Other →

|                            |
|----------------------------|
| 2 <input type="checkbox"/> |
|----------------------------|

6. Did this operator live on "THIS OPERATION" at any time during the last 12 months? →

|  |
|--|
| 923  |
| 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO |
| MARK ONE   |

7. Off-farm work - How many days did the operator work at least 4 hours per day off "THIS OPERATION" for pay in 2002?  
 (Include work on someone else's farm for pay.) →

|   |
|---|
| 929   |
| 1 <input type="checkbox"/> None             |
| 2 <input type="checkbox"/> 1 - 49 days      |
| 3 <input type="checkbox"/> 50 - 99 days     |
| 4 <input type="checkbox"/> 100-199 days     |
| 5 <input type="checkbox"/> 200 days or more |
| MARK ONE                                    |

8. In what year did the operator begin to operate any part of "THIS OPERATION"? →

|            |
|------------|
| 930        |
| ██████████ |

9. Age of operator on December 31, 2002 →

|                   |
|-------------------|
| 925               |
| ████ Years of age |

| OPERATOR 2 |
|------------|
|------------|

|   |
|---|
| 1586  |
| 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female |

| MARK ONE |
|----------|
|----------|

|                            |
|----------------------------|
| 1580                       |
| 1 <input type="checkbox"/> |
| 2 <input type="checkbox"/> |

|  |
|--|
| 1581   |
| 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO |

| MARK ONE |
|----------|
|----------|

|   |
|---|
| 1831  |
| 1 <input type="checkbox"/> None             |
| 2 <input type="checkbox"/> 1 - 49 days      |
| 3 <input type="checkbox"/> 50 - 99 days     |
| 4 <input type="checkbox"/> 100-199 days     |
| 5 <input type="checkbox"/> 200 days or more |

|            |
|------------|
| 1584       |
| ██████████ |

|                   |
|-------------------|
| 1585              |
| ████ Years of age |

| OPERATOR 3 |
|------------|
|------------|

|   |
|---|
| 1597  |
| 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female |

| MARK ONE |
|----------|
|----------|

|                            |
|----------------------------|
| 1591                       |
| 1 <input type="checkbox"/> |
| 2 <input type="checkbox"/> |

|  |
|--|
| 1592   |
| 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO |

| MARK ONE |
|----------|
|----------|

|   |
|---|
| 1931  |
| 1 <input type="checkbox"/> None             |
| 2 <input type="checkbox"/> 1 - 49 days      |
| 3 <input type="checkbox"/> 50 - 99 days     |
| 4 <input type="checkbox"/> 100-199 days     |
| 5 <input type="checkbox"/> 200 days or more |

|            |
|------------|
| 1595       |
| ██████████ |

|                   |
|-------------------|
| 1596              |
| ████ Years of age |

|   |   |  |   |  |   |  |
|---|---|--|---|--|---|--|
| <p>10. Is the operator of Spanish, Hispanic, or Latino origin or background, such as Mexican, Cuban, or Puerto Rican, regardless of race? →</p> <p>11. Race of operator →</p> <p>12. Did this operator live on an American Indian reservation in 2002? →</p> <p>13. Number of persons living in operator's household →</p> <p>14. Did "THIS OPERATION" use a computer for the farm business any time during 2002?<br/>1602    1 <input type="checkbox"/> YES    3 <input type="checkbox"/> NO</p> <p>15. Did "THIS OPERATION" have Internet access any time during 2002?<br/>1603    1 <input type="checkbox"/> YES    3 <input type="checkbox"/> NO</p> <p>16. Is the principal operator a hired manager for "THIS OPERATION"?<br/>1576    1 <input type="checkbox"/> YES - Go to section 25    3 <input type="checkbox"/> NO - Continue</p> <p>17. How many households share in the net farm income of "THIS OPERATION"? →</p> <p>18. What percent of the principal operator's total household income came from "THIS OPERATION"? →</p> |   |  |   |  |   |  |
|   | <b>PRINCIPAL OPERATOR<br/>or senior partner</b><br>927<br>1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO<br><br><b>MARK ONE OR MORE</b><br>1701 <input type="checkbox"/> White<br>1702 <input type="checkbox"/> Black or African American<br>1703 <input type="checkbox"/> American Indian or Alaska Native - specify tribe ↓<br>1704 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander<br>1705 <input type="checkbox"/> Asian<br><br>1413<br>1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO<br><br><b>NUMBER OF PERSONS<br/>LIVING IN HOUSEHOLD</b><br>1577  | <b>OPERATOR 2</b><br>1587<br>1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO<br><br><b>MARK ONE OR MORE</b><br>1801 <input type="checkbox"/> White<br>1802 <input type="checkbox"/> Black or African American<br>1803 <input type="checkbox"/> American Indian or Alaska Native - specify tribe ↓<br>1804 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander<br>1805 <input type="checkbox"/> Asian<br><br>1414<br>1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO<br><br><b>NUMBER OF PERSONS<br/>LIVING IN HOUSEHOLD</b><br><small>Enter '0' if this operator has been counted in the previous column.</small><br>1589  | <b>OPERATOR 3</b><br>1598<br>1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO<br><br><b>MARK ONE OR MORE</b><br>1901 <input type="checkbox"/> White<br>1902 <input type="checkbox"/> Black or African American<br>1903 <input type="checkbox"/> American Indian or Alaska Native - specify tribe ↓<br>1904 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander<br>1905 <input type="checkbox"/> Asian<br><br>1415<br>1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO<br><br><b>NUMBER OF PERSONS<br/>LIVING IN HOUSEHOLD</b><br><small>Enter '0' if this operator has been counted in the previous columns.</small><br>1600  |  |   |  |
|   |   |  |   |  | <b>NUMBER</b><br>1608  | <b>PERCENT</b><br>1578  |

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## INSTRUCTION SHEET UNITED STATES 2002 CENSUS OF AGRICULTURE

**Who Should Report - A REPLY IS NEEDED FROM EVERYONE WHO RECEIVED A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and even THOSE NOT INVOLVED IN CONDUCTING AGRICULTURAL OPERATIONS.** Please complete the enclosed report form and return it to us in the preaddressed envelope provided. If you call for assistance on the toll-free help line at 1-888-424-7828, have the form(s) available. To serve you better, the assistant will ask for the 12-digit ID printed in the address area on the front of your report form(s). We need your response, whether you farmed in 2002 or not.

**How to Enter Your Responses - Use BLUE or BLACK INK only.** Enter your replies in the units(s) requested, i.e., dollars, bushels, tons, etc. When reporting dollars, report in whole dollars only. Convert fractions to decimal equivalents. Please print clearly and keep numbers and letters within the boxes. Answer the screener questions at the beginning of the sections where applicable. Mark the Yes/No and None boxes with an 'X'.

*In the example below:* In 2002, you harvested 30,420 bushels of corn for grain from 321 acres. None of the acres were irrigated and none were harvested for silage.

|  |   |                    |                 |                    |                 |                           |     |         |             |                                 |     |   |        |
|--|---|--------------------|-----------------|--------------------|-----------------|---------------------------|-----|---------|-------------|---------------------------------|-----|---|--------|
| <b>SECTION 3 CROPS</b>   |   |                    |                 |                    |                 |                           |     |         |             |                                 |     |   |        |
| Were any of the following FIELD CROPS, HAY and FORAGE CROPS, WOODLAND CROPS, and OTHER FIELD and FORAGE CROPS harvested from "THIS OPERATION" in 2002? If no, go to section 4. If yes, mark here and continue to sections 5 through 8.)  |   |                    |                 |                    |                 |                           |     |         |             |                                 |     |   |        |
| (Checkmark landowner's share. Exclude crops grown on land rented TO OTHERS.)   |   |                    |                 |                    |                 |                           |     |         |             |                                 |     |   |        |
| 1011   | <input checked="" type="checkbox"/> YES - Complete this section <input type="checkbox"/> NO - Go to section 4 |                    |                 |                    |                 |                           |     |         |             |                                 |     |   |        |
| <b>FIELD CROPS</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">None</td> <td style="width: 20%;">ACRES HARVESTED</td> <td style="width: 20%;">QUANTITY HARVESTED</td> <td style="width: 20%;">ACRES IRRIGATED</td> </tr> <tr> <td>4. Corn for grain or seed</td> <td>000</td> <td>2 3 1 1</td> <td>3 0 4 2 0 0</td> </tr> <tr> <td>2. Corn for silage or greenchop</td> <td>000</td> <td>1</td> <td>Tons 2</td> </tr> </table> |   | None               | ACRES HARVESTED | QUANTITY HARVESTED | ACRES IRRIGATED | 4. Corn for grain or seed | 000 | 2 3 1 1 | 3 0 4 2 0 0 | 2. Corn for silage or greenchop | 000 | 1 | Tons 2 |
| None   | ACRES HARVESTED   | QUANTITY HARVESTED | ACRES IRRIGATED |                    |                 |                           |     |         |             |                                 |     |   |        |
| 4. Corn for grain or seed  | 000   | 2 3 1 1            | 3 0 4 2 0 0     |                    |                 |                           |     |         |             |                                 |     |   |        |
| 2. Corn for silage or greenchop  | 000   | 1                  | Tons 2          |                    |                 |                           |     |         |             |                                 |     |   |        |

*In the example below:* In 2002, you harvested 10.0 acres of carrots from a field, then replanted the same field in carrots and harvested the 10.0 acres again. One crop was sold for fresh and one crop for processing. Both crops were irrigated. In item 1, enter only 10.0 acres of land from which vegetables were harvested and 10.0 acres irrigated, but in item 2, write 20.0 acres of total carrots harvested, and 10.0 acres of carrots for processing. If carrots are not preprinted, print "carrots" for the crop name and code "397" for the crop code.

|  |             |                       |                                |                       |                                |             |      |         |       |       |       |       |       |
|--|-------------|-----------------------|--------------------------------|-----------------------|--------------------------------|-------------|------|---------|-------|-------|-------|-------|-------|
| 1. Land from which vegetables and melons were harvested in 2002. (Report multiple cropping acreage only once.) → <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">TOTAL ACRES</td> <td style="width: 20%;">WHOLE ACRES</td> <td style="width: 20%;">Tons</td> <td style="width: 10%;">ACRES IRRIGATED</td> <td style="width: 20%;">WHOLE ACRES</td> <td style="width: 20%;">Tons</td> </tr> <tr> <td>25</td> <td>1 0 0</td> <td>25</td> <td>1 0 0</td> <td>1 0 0</td> <td>25</td> </tr> </table>  |             | TOTAL ACRES           | WHOLE ACRES                    | Tons                  | ACRES IRRIGATED                | WHOLE ACRES | Tons | 25      | 1 0 0 | 25    | 1 0 0 | 1 0 0 | 25    |
| TOTAL ACRES  | WHOLE ACRES | Tons                  | ACRES IRRIGATED                | WHOLE ACRES           | Tons                           |             |      |         |       |       |       |       |       |
| 25   | 1 0 0       | 25                    | 1 0 0                          | 1 0 0                 | 25                             |             |      |         |       |       |       |       |       |
| 2. For those crops not listed, enter the crop name and crop code from the list below for each crop harvested in 2002. (If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.) → <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CROP NAME</td> <td style="width: 20%;">CROP CODE</td> <td style="width: 10%;">TOTAL ACRES HARVESTED</td> <td style="width: 20%;">ACRES HARVESTED FOR PROCESSING</td> <td style="width: 10%;">WHOLE ACRES</td> <td style="width: 20%;">Tons</td> </tr> <tr> <td>Carrots</td> <td>3 9 7</td> <td>3 0 0</td> <td>2 0 0</td> <td>1 0 0</td> <td>2 0 0</td> </tr> </table> |             | CROP NAME             | CROP CODE                      | TOTAL ACRES HARVESTED | ACRES HARVESTED FOR PROCESSING | WHOLE ACRES | Tons | Carrots | 3 9 7 | 3 0 0 | 2 0 0 | 1 0 0 | 2 0 0 |
| CROP NAME  | CROP CODE   | TOTAL ACRES HARVESTED | ACRES HARVESTED FOR PROCESSING | WHOLE ACRES           | Tons                           |             |      |         |       |       |       |       |       |
| Carrots  | 3 9 7       | 3 0 0                 | 2 0 0                          | 1 0 0                 | 2 0 0                          |             |      |         |       |       |       |       |       |

Write any explanation outside the answer spaces or on a separate sheet of paper. If a separate sheet is used, include the 12-digit ID number from the address area. Call the toll-free help line, 1-888-424-7828, if you have any questions.

**Form Does Not Apply To Me or Never Farmed -** If you never farmed or have no association with agriculture and no agricultural land, write "Never farmed" below the address area, and mail report form in the return envelope.

**Partial Year Operations -** If you quit farming during 2002, complete the report form for the portion of the year that you did farm. Write "Quit farming during 2002" and the date you quit farming in the area below the address area. Mail report form in the return envelope.

**Landlord Only -** If you are a landlord only, complete section 1 and section 25. Mail report form in the return envelope. Your tenant(s) will receive a form to report production for the land they rent.

**No Longer Operating a Farm or Ranch or Did Not Operate One At All In 2002 and Have No Agricultural Land -** Write "Do not have agricultural activity" and, if applicable, enter the date you quit farming in the area below the address area. Mail report form in the return envelope.

**If you owned farm or ranch land in 2002 that was idle and NOT rented out, you should complete and return the report form.**

**Land In the Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) in 2002 -** If you had land in either of these programs and you made the day-to-day decisions on the acres, include the CRP or WRP land in "THIS OPERATION."

**Involved In More Than One Operation -** If you made decisions for more than one operation, you should receive a report form for each operation. Do not provide information for more than one operation on one form. To obtain additional report forms or if you have questions, please call the toll-free help line, 1-888-424-7828.

**Specialty Commodities -** Specialty commodities, such as horses, bees, elk, emus, fish, nursery, etc., are an important part of the agriculture industry. Please report for all items, regardless of the level of production you had in 2002.

**Received More Than One Report Form For the Same Operation -** If you received more than one report form for the same operation, complete only ONE form for your operation. Write "Duplicate" below the address area of each extra form. Also, write the 12-digit ID number of the EXTRA form(s) ON THE COMPLETED FORM in the space provided on the front of the form. Return the extra form(s) in the same return envelope with your completed form so that we can correct our records.

**If You Have a Partnership Operation -** Complete only ONE form for the entire partnership's agricultural operation and include ALL partners' shares on the one form. If you made decisions for more than one partnership operation, complete a report form for each operation. If known, the partners are listed below the address area to assist in defining the operation. If desired, you may make corrections to these names. If you have questions, please call the toll-free help line, 1-888-424-7828.

### Instructions for Specific Sections

#### Section 1 - ACREAGE IN 2002

Your answers in this section will determine the land (**Acres in "THIS OPERATION"**) referred to throughout the report form. When answering the acreage questions, include the land associated with your agricultural operation in 2002, whether in production or not. Include all land that you owned or rented during 2002, even if only for part of the year. EXCLUDE any unrelated residential or commercial land. Report all land in section 1 in whole acres.

**Item 1 - All Land Owned** - Report all land owned in 2002 whether held under deed, purchase contract or mortgage, homestead law, or as heir/heirless or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization named on the front of the report form.

**Item 2 - All Land Rented or Leased FROM OTHERS** - Report all land rented by you or your operation. Include land that was used on a share basis, cash rented, used rent free, or government owned land, Indian Reservation land, or railroad land leased by the acre. EXCLUDE land used under Government grazing permits or special license on a per-head or animal unit basis, such as section 3 of the Taylor Grazing Act, National Forest, or American Indian reservation permit land.

**Item 3 - All Land Rented or Leased TO OTHERS** - Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. DO NOT report land placed in the CRP or WRP as acres rented to others. Your tenant(s) will receive a form to report production for the land they rent.

**Item 4 - Acres In "THIS OPERATION"** - This is all land you operated at any time in 2002. The rest of the report form applies to these acres.

**If item 4, Acres in "THIS OPERATION" is "0" and:**

- You grew any crops or raised any livestock or poultry on "THIS OPERATION" in 2002, complete the report.
- All your land was operated by a renter or sharecropper, complete section 1, item 5 (number of owned acres rented), and explain briefly, "All land rented out," etc. in the space below section 1. Then skip to and complete section 25. Mail report form in the return envelope.
- You did not have any agricultural activity on owned or rented land in 2002, explain briefly, such as "retired," "sold farm," and the date the change occurred in the space below section 1. Then skip to and complete section 25. Mail report form in the return envelope.

#### Section 2 - LAND

The sum of the acres entered in various categories should equal the total acres in section 1, item 4, acres in "THIS OPERATION" for this census report. EXCLUDE any crops grown on land rented or leased TO OTHERS or worked by others on shares during 2002.

**Land used for more than one purpose** - DO NOT report the same acreage in more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 2002, report that land only in the first purpose listed. For example, if you planted and harvested a grain crop and grazed the crop residue in the fall, report the land in item 1a, Cropland harvested. DO NOT report it again in item 1b, Cropland used only for pasture or grazing.

#### Item 1a - Cropland Harvested:

- **Double cropping** - If more than one crop was harvested from the same land in 2002, report that land only ONCE as "Cropland harvested."
- **Interplanted crops** - If you interplanted crops, such as pumpkins in a corn row, report the total land used for both crops only ONCE as "Cropland harvested."

- **Christmas trees to be cut** - Report acres of Christmas trees to be cut in later years as "Cropland Harvested."
- **Skip row planted crops** - The acres that represent the planted rows should be reported as "Cropland harvested," item 1a. Report the acres that represent the total nonplanted or skipped rows as "Cropland idle."

**Item 1d - Cropland Idle** - Report CRP and WRP acres that were not harvested or pastured as "Cropland idle."

**Item 1e - Cropland in Cultivated Summer Fallow** - Include cropland left unseeded for the 2002 harvest and summer fallowed, cultivated by tillage, or treated with herbicides to control weeds and conserve moisture. Include cropland summer fallowed in 2002 even though it may have been planted to wheat, etc., for the 2003 harvest.

**Item 2b - Woodland Not Pastured** - Report acres of tapped maple trees (sugarbush) as "Woodland not pastured."

**Item 6c - Certified Organically Produced Crops** - Cropland harvested as certified organically produced commodities will have an organic certification issued by a Federal, state, or private certification agency.

**Item 7 - Irrigation** - Include acres irrigated from all water sources including those irrigated from lagoons through a sprinkler or flood system.

### Section 3 - CROPS

**Acres harvested** - Enter the acres harvested in 2002. Round fractions to whole acres except where tenths are requested by "Tenths" in the reporting box, such as for potatoes.

**Quantity harvested** - If your unit of measure is different than the unit requested on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 2002, please estimate the total quantity to be harvested.

**Acres irrigated** - Report the irrigated harvested acres only once, even if the crop was irrigated multiple times during the growing season.

**Double cropping** - If two or more crops were harvested from the same land (double cropping), report the total acres and production of EACH harvested crop in the appropriate section(s) of the report form.

**Interplanted crops** - If two crops were grown at the same time in alternating strips in the same field, report the acreage of the field used for each crop.

**Skip row planting** - If a crop was planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the acreage of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as cropland idle in section 2, item 1d.

#### Hay and Forage Crops:

Include hay and forage from alfalfa, wild or native grasses, all small grains, soybeans, or peanuts.

#### Woodland Crops:

**Cut Christmas trees** - Acres in production of cut Christmas trees includes both those to be harvested in future years as well as those harvested in 2002. Trees cut should include only those trees cut in 2002. If there were acres in production, but no trees were cut, enter "0" for trees cut. Also, the acres of Christmas trees cut in 2002 and to be cut in future years should be reported in section 2, item 1a, Cropland harvested.

**Short rotation woody crops** - Acres harvested in 2002 should be reported as having been both in production and harvested. Acres not harvested in 2002 should be reported in production only. Also, include the acres in production in section 2, item 1a, Cropland harvested.

A short rotation woody crop is a tree that grows from seed to a mature tree in 10 years or less. These are trees for use by the paper or pulp industry, or as engineered wood. The wood is too soft to be used for lumber.

**Maple syrup** - Producers should report number of taps and gallons of syrup. If sap was sold, estimate the number of gallons of syrup it would have produced. Also, report the acres of tapped maple trees in section 2, item 2b, Woodland not pastured.

#### Other Field and Forage Crops:

Report for other field and forage crops harvested. If the crop name is not preprinted, print the crop name for each crop harvested in the first column and enter in the second column the corresponding code from the listed crops. Report the acres harvested in the third column and quantity harvested in the fourth column. Report the irrigated acres that were harvested, if any, in the fifth column. Acreage of sweet corn harvested for seed is reported as crop code 752 and the value of sales are reported in section 14, item 8.

### Section 4 - GRAIN STORAGE CAPACITY

Report total capacity of all structures normally used, even if it is not currently in use. Do not report any capacity or usage of off-farm public storage.

### Section 5 - NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, and VEGETABLE SEEDS

Report Christmas trees grown on this operation and sold live as nursery stock, code 488. Report all acres of Christmas trees in production for cut Christmas trees and the number CUT in 2002 in section 3. All acres of Christmas trees harvested in 2002 and for future years should also be included in section 2, item 1a, Cropland harvested.

### Section 6 - VEGETABLES and MELONS

**Item 1** - Report acres of vegetables and melons harvested for sale. EXCLUDE vegetables and melons grown in home gardens.

**Item 2** - If the crop name is not preprinted, for each crop harvested, enter the name of the crop, the corresponding crop code from the listed crops, the total acres harvested (in acres and tenths), and the acres that were harvested for processing (in acres and tenths). See "How to Enter Your Responses" example on the front page of this Instruction Sheet.

### Section 7 - FRUITS and NUTS

In counting the combined total of 20 or more trees and vines, include both those trees and vines whose production is either for home use or for sale. EXCLUDE abandoned acres of orchards or vineyards. "Bearing Acres" are the acres of trees or vines that produced ANY fruit or nut crop in 2002 or previous years. If fruit and nut trees and vines were interplanted with crops other than trees or vines, report only the total acres for the orchard crop in section 7, and the total acres of each interplanted crop in their appropriate section(s).

### Section 8 - BERRIES

Include only those acres from which berries were harvested for sale. Do not include abandoned acres or acres harvested for home use. Report acres to the nearest tenth of an acre.

### Sections 9 through 11 - HOGS and PIGS, CATTLE and CALVES, and POULTRY

Include all animals owned by you, raised by you under contract, or kept by you for others that were on "THIS OPERATION" on December 31, 2002. Include animals on unfenced lands, National Forest land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head, Animal Unit Month (AUM), or lease basis. Animals in transit on December 31, 2002, should be reported by the person who had control of the animals.

**Contract and custom feeding operations** - Counts of hogs and pigs, cattle and calves, or poultry kept by you on "THIS OPERATION" on a contract or custom fed basis should be included in sections 9 through 11, REGARDLESS OF OWNERSHIP. Report numbers of animals or poultry on December 31, 2002. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from "THIS OPERATION" in 2002. In section 13, report quantity delivered of custom fed livestock or production contract livestock and poultry in the appropriate line, and report the dollar amount received from the contractors in item 6.

**Animals and poultry to exclude from the report form** - Exclude animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. EXCLUDE animals quartered in feedlots which are NOT located on "THIS OPERATION." Animals kept on a place not operated by you are to be reported on the report form for that operation. DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions.

**Number sold** - Report all animals and poultry sold or moved from "THIS OPERATION" in 2002, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. DO NOT report number sold of any hogs and pigs, cattle and calves, or poultry owned by you that were kept and sold from a location that you did not operate.

**Animals moved from "THIS OPERATION"** - For animals moved from "THIS OPERATION" to another, such as for further feeding, report them as "sold". Cattle moved are NOT considered "sold" if they were moved to another operation for a short term such as winter wheat or corn stubble grazing during the winter or to public grazing land.

**Fed cattle sold for slaughter** - Cattle fed on grain or concentrates for 30 days or more and sold for slaughter are reported in section 10, item 4b and item 5.

DO NOT INCLUDE WITH FED CATTLE SOLD:

- Cattle and calves sold or moved off the operation for further feeding
- Veal calves or any calves weighing less than 500 pounds
- Cull or dairy cows fed only the usual dairy ration before being sold

## **Section 12 - OTHER ANIMALS and THEIR PRODUCTS and AQUACULTURE**

**Item 2** - Report total sheep **owned by you** regardless of location. Include total sheep owned even if not kept on "THIS OPERATION." Include ewes owned in both item 2 and item 2a. **Contract and Custom Feeding Operations** - DO NOT report inventory of sheep and lambs that are NOT OWNED by you. They are to be reported on the owner's report form.

**Items 6 and 10 - If you owned BEES** - Report all colonies or hives of bees for honey production owned by you, regardless of where the hives were kept most of the year. Report number of hives or colonies in item 6. Report pounds of honey produced in item 10. DO NOT report hives or colonies if they are NOT OWNED by you.

**Item 7 - Other Livestock and Animals** - Report the inventory of fur-bearers (mink, rabbits, and other animals) raised in captivity on "THIS OPERATION." If mink pelts and rabbit pelts were sold in 2002, include in number sold. Retained pelts should be included in inventory. The value of pelt sales should be reported in section 14, item 16. Report the inventory and number sold in 2002 of the bison, deer, elk, llama, or other livestock and animals raised in captivity in item 7 and their value of sales in section 14, item 16.

**Item 11 - Other Livestock Products** - Include manure, beeswax, and any other animal products **sold** from "THIS OPERATION" in 2002. Indicate units used in reporting.

**Item 12 - Aquaculture** - Report fingerlings or quantity of fish eggs sold of any species as code 869. For code 869, print the name of the aquaculture fish or product in column one.

## **Section 13 - PRODUCTION CONTRACTS and CUSTOM FEEDING**

A *production contract* is an agreement between a grower and contractor (integrator) that specifies that the grower will raise an agricultural commodity and that the contractor will provide certain inputs such as feed, fertilizer, etc. The grower receives a payment or fee from the contractor, generally after delivery, that is usually less than the full market price of the commodity. The contractor takes possession of the raised commodity at the end of the growing period.

Report amount of the specified commodity that you raised and delivered under a production contract in the unit requested in item 5. If you had contracts with more than one integrator or contractor for a single commodity, combine the production of all contracts and report the total units produced for that commodity in the proper category in items 5a through 5j. If you had multiple contracts to produce different commodities, report the appropriate amount of each commodity produced under each contract(s) in the proper categories of items 5a through 5j. Report the total amount the contractor(s) paid you for producing the commodity(ies) in item 6. EXCLUDE marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price.

## **Section 14 - VALUE OF SALES**

Report the value of all crops and livestock sold from "THIS OPERATION" in 2002 on the appropriate line(s) of section 14. Report the value sold in 2002 regardless of the year crops were harvested or raised. Report the value of the sales from land rented from others. Also, report as sold commodities such as cattle, that you owned and moved to someone else's operation for further feeding. Report gross values before deducting expenses and taxes. Include payments received in 2002 from cooperatives or marketing organizations for crops produced on "THIS OPERATION" regardless of the year in which the crops were harvested. Also, include as sales your estimate of the value of any crop or livestock removed from "THIS OPERATION" in trade of services, such as hay cut in exchange for labor or other services. If the sale price or market value is not known, give your best estimate of the market value when removed. Report the total value you received for animals and poultry sold from "THIS OPERATION" in 2002, without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.).

### **Items that should NOT be included:**

- Proceeds from **CCC loans**.
- The value of sales of any livestock and poultry owned by you that were kept and sold from a location you did not operate.
- Commodities grown under a **production contract**.

**Item 18** - For direct sales, report the sales of crops, livestock, poultry, or agricultural products sold directly to consumers for their own consumption from roadside stands, farmers markets, pick your own, door to door, etc. Include only those commodities sold directly for human consumption, such as vegetables, fruit, eggs, milk, cattle, chickens, hogs, turkeys, etc. Report only commodities grown or raised on "THIS OPERATION."

EXCLUDE crops, livestock, poultry, or other products which you bought and resold within 30 days. EXCLUDE processed products such as hams, sausage, or jellies. EXCLUDE "craft items" such as bird houses, woodwork, etc.

**Item 19** - Certified organically produced commodities will have an organic certification issued by a Federal, State, or private certification agency.

## **Section 15 - CCC LOANS and FEDERAL FARM PROGRAM PAYMENTS**

**Item 1** - Report amount received for commodities placed under CCC loan during 2002. Include amount received even if commodity was redeemed or forfeited prior to December 31, 2002. EXCLUDE CCC loans to build crop storage facilities.

**Item 2** - Report the amount received for participation in CRP and WRP. EXCLUDE payment from CCC loans or crop insurance.

**Item 3** - Report all payments received from OTHER Federal farm programs in 2002. Include receipts from Federal farm programs, such as loan deficiency payments (LDP), support price payments, payment-in-kind (PIK) programs, indemnity programs, disaster payments, paid land diversion payments received for approved soil and water conservation projects, etc. EXCLUDE payments from state programs or federal loans which must be repaid.

## **Section 16 - INCOME FROM FARM-RELATED SOURCES**

Items 1 through 6 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "THIS OPERATION" and which you do not consider as entirely separate from your farming activities. Include insurance payments for crop or livestock losses in item 6. Report gross amounts received before taxes and expenses.

**Item 1 - Customwork** - DO NOT report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operation.

**Item 2 - Rental Income** - EXCLUDE rental income from nonfarm property.

**Item 3 - Forest Products** - Include only those forest products cut from "THIS OPERATION," not items cut from other nonfarm timber acreage. EXCLUDE income from a sawmill business. EXCLUDE the sale of Christmas trees or maple syrup or sap products. Sales of Christmas trees or maple syrup or sap products are to be reported in section 14.

**Item 6** - Report payments from state programs, animal boarding, breeding fees, tobacco settlements, state fuel tax refunds, insurance payments for crop or livestock losses, etc. Specify the type of farm related income in the box provided.

## **Section 17 - PRODUCTION EXPENSES**

### **Items that should be included:**

Include farm production expenses paid by you or your landlord(s) for crops, livestock, or poultry produced on "THIS OPERATION" in 2002 in items 1 through 14. Include expenses incurred in 2002 only if they were paid in 2002. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

### **Items that should NOT be included:**

Contract growers or custom feeders who had feed provided by cattle owners or contractors should NOT report a value here for items provided. Identify the items that were contractor provided in section 13, item 7.

**Item 2 - Chemicals Purchased** - Include surfactants and oils and other products used to increase a chemical's effectiveness.

**Item 4 - Livestock and Poultry Purchased** - Report the costs of breeding livestock in item 4a and other livestock and poultry in item 4b.

**Item 5 - Feed Purchased for Livestock and Poultry** - Report the purchase cost of all grains, silage, hay, commercially mixed and premixed feeds, ingredients, concentrates, etc., fed to livestock and poultry on "THIS OPERATION." Contract livestock and poultry growers should not report the value of feed that was provided by a contractor. Custom feedyards should not include feed costs for custom fed cattle if the owners of the cattle were billed for the feed. Feed raised on "THIS OPERATION" should not be reported as purchased.

**Item 8 - Supplies, Repair Costs, and Maintenance Costs For the Farm Business** - Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. EXCLUDE repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. EXCLUDE expenditures for the construction of new buildings or the cost of additions to existing buildings.

**Item 9a - Hired Farm and Ranch Labor** - Include gross salaries and wages, commissions, dismissal pay, vacation pay, and bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Include cost for benefits such as employer's social security contributions, unemployment compensation, workman's compensation insurance, employer paid life and medical insurance expense, pension plans, etc.

**Item 9b - Contract Labor** - Includes the labor costs of workers furnished on a contract basis by labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. EXCLUDE costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 10.

**Item 11a - Cash Rent** - Report rent paid in cash during 2002 for land and buildings included in "THIS OPERATION." EXCLUDE rent paid for operator dwelling or other nonfarm property. EXCLUDE the value of shares of crops or livestock paid to landlords.

**Item 12 - Interest Paid on Debts** - Report all interest expenses paid in 2002 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate, such as for fertilizer, feed, and seed in item 12b and also include interest paid on CCC loans. EXCLUDE interest associated with activities not related to production of crops or livestock on "THIS OPERATION," such as land or buildings rented to others, packing sheds, or feed mills that provided services to others. EXCLUDE interest on owner/operator dwelling where amount is separated from the interest on the land and buildings on "THIS OPERATION."

**Item 13 - Property Taxes Paid in 2002** - Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

**EXCLUDE:**

- Property taxes on land or buildings rented to someone else
- Taxes paid by landlords
- Property taxes paid on other property not associated with the farm business
- Income and excise taxes

**Item 14 - All Other Production Expenses** - Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. EXCLUDE depreciation.

### Section 18 - FERTILIZERS and CHEMICALS APPLIED

Report acres on "THIS OPERATION" on which commercial fertilizer was applied during 2002. If any acreage was fertilized more than once, report acres ONLY ONCE. Report fertilizer and manure expenditures in section 17, item 1.

**CHEMICALS** - Report acres on which chemicals were applied during 2002 to control insects, diseases, nematodes, and weeds, as well as to control growth, thin fruit, or defoliate. Include acres on which custom application of chemicals was made. If multiple applications of chemicals for the same purpose (for example, herbicides) were made on the same acres, report acreage only once. If chemicals were applied for different purposes, report the acres for each purpose that the chemicals were used. Report agricultural chemical expenditures in section 17, item 2. Estimate the acreage for spot treatments.

### Section 19 - MACHINERY and EQUIPMENT

**Item 1** - The estimated market value refers to ALL machinery and equipment kept primarily on "THIS OPERATION" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Include mobile implements and hand tools.

Permanently installed equipment or equipment which is an integral part of a building should be included as a part of the value of land and buildings and reported in section 20.

### Section 20 - MARKET VALUE OF LAND and BUILDINGS

The value for each of the three listed categories (owned, rented from others, and rented to others) should be your estimate of the value of the land, houses, barns, and other buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land, house, and buildings could reasonably be assumed to be sold at that price. DO NOT deduct real estate marketing charges from your estimate. Report the total value, not the value on a per-acre basis.

### Section 21 - FARM LABOR

Report the number of paid farm or ranch workers doing agricultural labor. Include paid family members. Include workers such as hired bookkeepers, office workers, maintenance workers, etc., if their work is primarily associated with agricultural production on "THIS OPERATION." Include in item 1a, any short term or temporary workers who may have worked only a few days. EXCLUDE contract labor or custom workers in item 1 or item 2.

### Section 22 - TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for "THIS OPERATION":

**Family or Individual Operation** - Farm or business organization controlled and operated by a family or an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement. Report family corporations under "Incorporated Under State Law."

**Partnership Operation** - Two or more persons who conduct an operation together and share work and profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES

NOT constitute a partnership unless a specific agreement to share contributions, decision making, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

**Incorporated Under State Law** - A corporation is a legal entity or artificial person created under the laws of a State to carry on a business, including family corporations. EXCLUDE cooperatives, even if they are incorporated.

**Other** - Estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, American Indian Reservation, university farm, institution run by a government or religious entity, cooperatives (an incorporated or unincorporated enterprise or an association created and formed jointly by the members), etc.

### Section 23 - AGRICULTURAL ACTIVITY ON AMERICAN INDIAN RESERVATIONS (not applicable to all report forms)

Complete this section if any of your cropland or livestock was on an American Indian reservation in 2002. Consider all cropland on deeded acres you owned and operated or leased from others as well as any trust acres you used. Do not include tribal-controlled farms, ranches, or herds.

**Item 3 - Trust and Deeded Acres** - Enter the number of acres your operation used on the reservation. Include deeded acres you owned or leased from others as well as trust acres to which you had exclusive use. DO NOT include trust acres used on a per-head or animal unit month (AUM) basis.

**Item 4a - Livestock** - If you had livestock on the reservation, check the approximate percentage of "THIS OPERATION's" livestock that were on the reservation on December 31, 2002. Consider all species (cattle, sheep, horses, buffalo, hogs, etc.) and include livestock on land used on a per-head or animal unit month (AUM) basis.

### Section 24 - OPERATOR CHARACTERISTICS

This section collects information about the operators of "THIS OPERATION." A farm may be a family operation and still have multiple operators. Complete one column for each operator, listing the principal operator or senior partner in the first column.

**Corporations and Other Operations (Cooperatives, Estates, etc.)** - Complete the principal operator column for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business. Complete up to two additional columns as needed.

**Item 1** - Enter the number of people who make day-to-day decisions for "THIS OPERATION."

**Item 2** - Enter the number of women who make day-to-day decisions for "THIS OPERATION."

**Items 3 through 13** - Answer each question for up to three operators. If there are more than three, answer for three operators only.

**Item 5** - The principal occupation of the operator(s) is the occupation at which an operator spent the majority of his/her worktime. If the operator spent the majority working for ANOTHER agricultural operation for wages, it is considered hours devoted to "other," item 5b.

**Item 8** - Report the first year the specified operator began to operate any part of "THIS OPERATION" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

**Item 17** - The number of households that share in the net farm income are those households involved with the day-to-day decisions and not those households that received funds because they are only the landlords, custom equipment operators, or provide other supplies that are listed in section 17, Production Expenses. Your answer should not exceed the number of operators listed in item 1.

### Section 25 - CONCLUSION

**Item 1** - Report "Yes" if "THIS OPERATION" intends to produce, raise, or grow agricultural products for sale or receive Federal farm program payments at ANY time in the future. If you are unsure, check "YES."

**Possible Duplication:**

**Item 2** - If it is possible the information you reported on your form would also be reported under a different name, a different address, or by another farm or ranch, complete this question.

**Additional Farm or Ranch:**

**Item 3** - Report the name, state, and phone number of those operations for which you make day-to-day decisions and DID NOT receive a report form.



**UNITED STATES 2002 CENSUS OF AGRICULTURE  
AMERICAN INDIAN RESERVATIONS  
R1 FORM**

Form Number 02-A05-2  
O.M.B. Number 0535-0226  
Approval Expires 10/31/2004  
All States **excluding** MT, ND, & SD

National Agricultural Statistics Service  
U.S. Department of Agriculture  
Rm 5805, South Building  
1400 Independence Avenue, S.W.  
Washington, D.C. 20250-2000  
202-720-7017

*Please make corrections to name, address and Zip Code, if necessary.*

**NUMBER OF AMERICAN INDIAN FARM or RANCH OPERATORS**

1. Within the Reservation named above, how many American Indians operate a farm or ranch?

*Note: Farms or ranches are defined as any location from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, or \$1,000 or more of government payments were received, during 2002.*

*Include operators who live on or off the Reservation but whose farm or ranch operation lies entirely or partially on the Reservation.*

*Exclude as operators persons who work only as employees or who conduct no farm or ranch activity but receive a payment as a share of Reservation farming or ranching.*

**NUMBER**

|  |
|--|
|  |
|--|

*Transfer this number to Office  
Use cell 012 on the face page of the Census Report Form*

2. Does your answer to Item 1 above include all tribes or nations on this Reservation?

YES - Go to item 3.

NO - Please list the tribes or nations included in Item 1 above.

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3. Were multiple 2002 Census of Agriculture Report Forms completed for this Reservation?

YES - List the 12-digit ID numbers for all report forms associated with this Reservation.  
(The ID number is preprinted in the address area of the Census Report Form.)

|  |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

NO - Go to item 4.

|  |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

4. Please print below the information for the person completing this report.

\_\_\_\_\_  
NAME

\_\_\_\_\_  
TITLE

(        )  
TELEPHONE

\_\_\_\_\_  
DATE

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB number. The valid OMB number for this information collection is 0535-0226. The time required to complete this report form is estimated to average 10 minutes.

**SPECIAL INSTRUCTIONS FOR AMERICAN INDIAN RESERVATIONS**  
**2002 Census of Agriculture**

Agricultural activity on American Indian reservations must be counted in the 2002 Census of Agriculture. Each reservation with one or more agricultural operations meeting the definition of a farm (see below) must complete both a regular 2002 Census of Agriculture Report Form as well as the single-page R1 Form titled *American Indian Reservations*. Please complete both forms.

These special instructions apply to **BOTH** enclosed forms. They supplement the enclosed Instruction Sheet. Before returning your forms, please be sure you complete all sections that apply to the operations on your Reservation. Please give your best estimate if the requested information is not available from your records.

For both forms, include information from all farms and ranches on the Reservation **operated by American Indians**. Farms and ranches are defined as *any operation from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during 2002*.

**INCLUDE:**

- Operations where the operator lives on the Reservation and operates land on the Reservation – consider only agricultural activity actually on the Reservation.
- Operations where the operator lives off of the Reservation but operates land on the Reservation – consider only agricultural activity actually on the Reservation.
- Farms and ranches operated by the tribe or the Reservation on the Reservation.
- All agricultural products produced on the Reservation by American Indians.

**EXCLUDE:**

- Agricultural production by persons who work only as employees of a farm or ranch.
- Agricultural activity by non-American Indians.
- Agricultural activity produced off the Reservation.

**Instructions for American Indians Reservation Operators - R1 Form**

**Item 1:** Enter the number of American Indian operators who operate a farm or ranch either partially or entirely on the American Indian reservation. Transfer this figure to Office Use 012 on the front page of the main Census Report Form.

**Instructions for Census of Agriculture Report Form**

**NOTE:** Report all agricultural activity on reservation land operated by the total number of American Indian operators reported on **American Indians Reservation Operators - R1 Form** (and entered in Office Use 012).

**SECTION 1:**

- Report all reservation land used by either the tribe or Reservation, and land used by American Indian operators. **Include** Federal and state land leased as land rented from others. **Exclude** any national grasslands administered by the Forest Service used on a permit basis.

**Item 1:** Report all land on the reservation or reporting unit. **Include** tribal land used for grazing on a per-head or animal unit month (AUM) basis.

**Item 2:** Report all land rented or leased from others including land used rent free. **Include** as rented any Section 15 land administered by the Bureau of Land Management.

**Item 3:** Report all land rented or leased to non-American Indians. **Include** land worked by non-American Indians on a share basis or rent free. Report land rented or leased for nonagricultural uses. **Exclude** tribal land used for grazing on a per-head or animal unit month (AUM) basis.

**Item 6:** Report the county or counties in which the land reported in item 4 is located. Estimate the acreage for each county if exact figures are not known.

**SECTIONS 2 - 12:**

- Report all crops that were harvested from or livestock raised on reservation land during 2002. **Exclude** crops harvested or livestock raised by non-American Indians.

**SECTIONS 13 - 17:**

- Consider all agricultural related income and contracts on, and expenses from, the reservation in 2002. **Exclude** amounts received or expenses incurred by non-American Indians and amounts received as share payment from land leased to others.

**SECTION 18 - 20:**

- Consider all fertilizers and chemicals, machinery, equipment, land and buildings for all farm and ranch operations on the Reservation operated by American Indians.

**SECTION 21:**

- Consider all farm or ranch workers who performed agricultural work on all operations on the reservation operated by American Indians. **Include** both American Indian and non-American Indian workers.

**SECTION 22:**

- The type of operation should be "other".

**SECTION 23:**

- Consider all farm and ranch operations controlled by individual American Indians or by the tribe or reservation. **Include** livestock on land used on a per-head or animal unit month (AUM) basis. **Exclude** agricultural activity operated by non-American Indians and agricultural activity on land off of the reservation.

**Item 3:** **Exclude** acres used on a per-head or animal unit month (AUM) basis.

**SECTION 24:**

- If the tribe or Reservation operates a farm or ranch and has a manager, complete all items for the manager. Item 11 should be coded as 'American Indian or Alaska Native'.
- If the tribe/reservation does not operate a farm or ranch (or it does but has no manager) leave the section blank, except for Item 11, which should be coded as 'American Indian or Alaska Native'.

Your help in completing the 2002 Census of Agriculture is appreciated. Thank you for your cooperation.

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# Index

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| Item  | Chapter 1 tables   | Chapter 2 tables | Appendix tables    |
|---|--------------------|------------------|--------------------|
| <b>A</b>  |                    |                  |                    |
| Age of principal operator .....                     | 1,52-61            | 40               | BC, CA, CB         |
| Age of second operator .....                        | 52-54              | -                | BC                 |
| Age of third operator .....                         | 52-54              | -                | BC                 |
| Agricultural chemicals purchased .....              | 1,4,55-61          | 3,11             | -                  |
| Agricultural products sold,<br>market value .....   | 1,2,11,47-51,55-61 | 1,2              | -                  |
| Agricultural services income .....                  | 7,55-61            | 6                | -                  |
| Alfalfa hay (see hay, alfalfa) .....                | -                  | -                | -                  |
| Alfalfa seed .....                                  | 34                 | 26               | -                  |
| American Indian or Alaska<br>Native operators ..... | 47,51-61           | 43               | BA, BB, BC, CA, CB |
| Almonds .....                                       | 36,55-61           | 31               | -                  |
| Amaranth .....                                      | -                  | 27               | -                  |
| Apples, All .....                                   | 36,55-61           | 31               | -                  |
| Apricots .....                                      | 36                 | 31               | -                  |
| Aquaculture, sales value .....                      | 2,32,41,55-61      | 2                | -                  |
| Aquaculture, pounds sold .....                      | -                  | 21               | -                  |
| Aquaculture, number sold .....                      | -                  | 21               | -                  |
| Aquatic plants .....                                | 38                 | 34               | -                  |
| Artichokes .....                                    | 35                 | 29               | -                  |
| Asian operators .....                               | 47,52-61           | 45               | CA, CB             |
| Asparagus .....                                     | 35                 | 29               | -                  |
| Austrian winter peas .....                          | -                  | 26               | -                  |
| Average size of farm .....                          | 1,55-61            | 1,8              | -                  |
| Avocados .....                                      | 36                 | 31               | -                  |
| <b>B</b>  |                    |                  |                    |
| Bahia grass .....                                   | -                  | 26               | -                  |
| Baitfish .....                                      | -                  | 21               | -                  |
| Bananas .....                                       | 36                 | 31               | -                  |
| Balers (see hay balers) .....                       | -                  | -                | -                  |
| Barley for grain .....                              | 1,33,34,55-61      | 1,23,24          | BB                 |
| Beans, dry edible .....                             | 1,33,34,55-61      | 1,23,25          | -                  |
| Beans, dry limas .....                              | -                  | 25               | -                  |

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|---|------------------------|------------------|-----------------|
| Beans, snap .....   | 35,55-61               | 29               | -               |
| Beans, soybeans .....   | 1,33,34,55-61          | 1,23,25          | -               |
| Beef cows .....   | 1,12,16,55-61          | 1,11             | BB              |
| Bees, colonies .....  | 32                     | 19               | -               |
| Beets, sugar .....  | 1,33,34,55-61          | 1,23,25          | -               |
| Beets, table .....  | 35                     | 29               | -               |
| Bentgrass seed .....  | -                      | 26               | -               |
| Bermuda grass seed .....  | -                      | 26               | -               |
| Berries harvested for sale .....                                | 33,34,37,55-61         | 32,33            | -               |
| Birdsfoot trefoil Seed .....                                    | -                      | 26               | -               |
| Bison .....   | 32                     | 22               | BB              |
| Blackberries .....  | 37                     | 33               | -               |
| Black or African American operators .....                       | 47,52-61               | 42               | CA, CB          |
| Blueberries .....   | 37                     | 33               | -               |
| Boysenberries .....   | 37                     | 33               | -               |
| Broccoli .....  | 35                     | 29               | -               |
| Broilers .....  | 1,27,42,55-61          | 1,13,37          | -               |
| Bromegrass seed .....   | -                      | 26               | -               |
| Brussels sprouts .....  | 35                     | 29               | -               |
| Buckwheat .....   | -                      | 24               | -               |
| Bulbs .....   | 38                     | 34               | -               |
| Burros, donkeys, and mules .....                                | 32                     | 22               | -               |
| <b>C</b>  |                        |                  |                 |
| Cabbage, Chinese .....  | 35                     | 29               | -               |
| Cabbage, head .....   | 35                     | 29               | -               |
| Cabbage, mustard .....  | 35                     | 29               | -               |
| Canola .....  | 34                     | 24               | -               |
| Cantaloups .....  | 35                     | 29               | -               |
| Carrots .....   | 35                     | 29               | -               |
| Cash rent expense .....   | 4,11,55-61             | 3                | -               |
| Cash rent or share payments received, farm-related income ..... | 7,55-61                | 6                | -               |
| Catfish .....   | -                      | 21               | -               |
| Cattle and calves, sales value .....                            | 2,13-18,41,55-61       | 2,11             | -               |
| Cattle and calves herd size .....                               | 14-17,55-61            | 11               | -               |
| Cattle on feed .....  | 12,13,42,55-61         | 11               | -               |
| Cattle and calves, inventory .....                              | 1,11,12,14-17,41,55-61 | 1,11             | -               |
| Cattle and calves, number sold .....                            | 1,13-18,55-61          | 1,11             | BB              |
| Cauliflower .....   | 35                     | 29               | -               |
| Celery .....  | 35                     | 29               | -               |
| Certified organically produced commodities, sales value .....   | 2,41,55-61             | 2                | -               |
| Cherries, sweet .....   | 36                     | 31               | -               |

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| Item   | Chapter 1 tables      | Chapter 2 tables | Appendix tables |
|--|-----------------------|------------------|-----------------|
| Cherries, tart . . . . .                               | 36                    | 31               | -               |
| Chickens (see Broilers, Layers or Pullets) . . . . .   | -                     | -                | -               |
| Chicory . . . . .                                      | 35                    | 29               | -               |
| Citrus fruit . . . . .                                 | 36                    | 31               | -               |
| Coffee . . . . .                                       | 36                    | 31               | -               |
| Collards . . . . .                                     | 35                    | 29               | -               |
| Colonies of bees . . . . .                             | 32                    | 19               | -               |
| Combines, grain and bean, self-propelled . . . . .     | 45,55-61              | 38               | -               |
| Commercial fertilizer expense . . . . .                | 1,4,11,41,46,55-61    | 3                | -               |
| Commercial fertilizers used . . . . .                  | 46,55-61              | 39               | -               |
| Commodity Credit Corporation loans . . . . .           | 6,11,47-49,55-61      | 5                | -               |
| Computer use . . . . .                                 | 47-49,55-61           | -                | BB              |
| Conservation Reserve programs, land enrolled . . . . . | 8,11,55-61            | 8                | -               |
| Conservation Reserve programs, payments . . . . .      | 6,47-49               | 5                | -               |
| Contract labor expense . . . . .                       | 4,11,55-61            | 3                | -               |
| Corporation, family held . . . . .                     | 55-61                 | 40               | -               |
| Corporation, other than family held . . . . .          | 55-61                 | 40               | -               |
| Corporations, type of organization . . . . .           | 1,47-49,55-61         | 40               | -               |
| Corn for grain . . . . .                               | 1,33,34,55-61         | 1,23,24          | BB              |
| Corn for silage . . . . .                              | 1,33,34,55-61         | 1,23,26          | BB              |
| Cotton and cottonseed, sales value . . . . .           | 2,41,55-61            | 2                | -               |
| Cotton pickers and strippers, self-propelled . . . . . | 45,55-61              | 38               | -               |
| Cotton, All . . . . .                                  | 1,33,34,55-61         | 1,23,25          | -               |
| Cotton, American-Pima . . . . .                        | 33,34                 | 1,25             | -               |
| Cotton, Upland . . . . .                               | 33,34                 | 1,25             | -               |
| Cows and heifers, inventory . . . . .                  | 12,14-17,55-61        | 11               | -               |
| Cow herd size . . . . .                                | 15-17                 | -                | -               |
| Cowpeas, dry . . . . .                                 | -                     | 25               | -               |
| Cowpeas, green . . . . .                               | 35                    | 29               | -               |
| Crambe . . . . .                                       | -                     | 27               | -               |
| Cranberries . . . . .                                  | 37                    | 33               | -               |
| Crimson clover seed . . . . .                          | -                     | 26               | -               |
| Cropland harvested . . . . .                           | 1,8-11,41,50,51,55,61 | 1,8-10,23,40,47  | BB              |
| Cropland harvested, irrigated . . . . .                | 10,11,55-61           | 10               | -               |
| Cropland idle . . . . .                                | 8,55-61               | 8                | -               |
| Cropland, other . . . . .                              | 8                     | 8                | -               |

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| Item  | Chapter 1 tables       | Chapter 2 tables | Appendix tables |
|---|------------------------|------------------|-----------------|
| Cropland summer fallowed . . . . .                            | 8,55-61                | 8                | -               |
| Cropland, total . . . . .                                     | 1,8,11,41,51,55-61     | 1,8              | BB              |
| Cropland used only for pasture . . .                          | 8,55-61                | 8                | -               |
| Cropland failed or abandoned . . . .                          | 8,55-61                | 8                | -               |
| Crops, All, sales value . . . . .                             | 1,2,11,47-61           | 1,2              | -               |
| Crustaceans . . . . .   | -                      | 21               | -               |
| Cucumbers . . . . .   | 35                     | 29               | -               |
| Currants . . . . .  | 37                     | 33               | -               |
| Customwork and custom hauling<br>expense . . . . .            | 4,11,55-61             | 3                | -               |
| Customwork and other<br>agricultural services income . . .    | 7,55-61                | 6                | -               |
| Cut Christmas trees . . . . .                                 | 39                     | 35               | -               |
| Cut Christmas trees and woody<br>crops, sales value . . . . . | 2,41,55-61             | 2                | -               |
| Cut flowers . . . . .   | 38                     | 34               | -               |
| <b>D</b>  |                        |                  |                 |
| Daikon . . . . .  | 35                     | 29               | -               |
| Dairy cows . . . . .  | 1,11,12,17,41,55-61    | 1,11             | -               |
| Dairy products, sales value . . . .                           | 2,41,55-61             | 2                | -               |
| Dates . . . . .   | 36                     | 31               | -               |
| Deer . . . . .  | 32                     | 22               | -               |
| Defoliation, chemical control . . . .                         | 46                     | 39               | -               |
| Depreciation expense . . . . .                                | 4,55-61                | 3                | -               |
| Dill for oil . . . . .  | -                      | 27               | -               |
| Direct sales . . . . .  | 2,55-61                | 2                | -               |
| Donkeys, burros and mules . . . .                             | 32                     | 22               | -               |
| Ducks, geese and other poultry . . .                          | 27                     | 13,14            | -               |
| <b>E</b>  |                        |                  |                 |
| Economic class of farms . . . . .                             | 3,47-49,55-61          | -                | BB              |
| Eggplant . . . . .  | 35                     | 29               | -               |
| Elk . . . . .   | 32                     | 22               | -               |
| Emmer and spelt . . . . .                                     | -                      | 24               | -               |
| Emus . . . . .  | 27                     | 14               | -               |
| Equipment and machinery,<br>estimated market value . . . . .  | 44                     | 1,38             | -               |
| Equipment and machinery,<br>selected items . . . . .          | 45                     | 38               | -               |
| Escarole and endive . . . . .                                 | 35                     | 29               | -               |
| Estimated market value of land<br>and buildings . . . . .     | 1,11,41,43,50,51,55-61 | 1,8              | -               |
| Ewes 1 year old or older . . . . .                            | 29-31,55-61            | 16               | -               |
| Expenses paid by Landlords . . . .                            | 4,55-61                | -                | -               |

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| Item   | Chapter 1 tables     | Chapter 2 tables | Appendix tables |
|--|----------------------|------------------|-----------------|
| Expenses, farm production . . . . .                                | 1,4,11,41,51,55-61   | 1,3              | BB              |
| <b>F</b>   |                      |                  |                 |
| Family held corporations . . . . .                                 | 55-61                | 40               | CA, CB          |
| Family or individual, type of organization . . . . .               | 1,47-49,55-61        | 40               | CA, CB          |
| Farm production expenses . . . . .                                 | 1,4,11,41,51,55-61   | 1,3              | BB              |
| Farmland, rental income received                                   | 7,55-61              | 6                | -               |
| Farms by combined value of sales and government payments . . . . . | 57                   | -                | -               |
| Farms by economic class . . . . .                                  | 3,47-49,55-61        | -                | BB              |
| Farms by North American Industrial Classification system . . . . . | 50,51,55-61          | 51               | -               |
| Farms by age and primary occupation of operator . . . . .          | 60                   | -                | BC, CA, CB      |
| Farms by race . . . . .  | 47                   | -                | CA, CB          |
| Farms by size . . . . .  | 1,9,47-49,55-61      | 1,8-10           | CA, CB          |
| Farms by tenure . . . . .  | 47-49,55-61          | 40               | BB, CA, CB      |
| Farms by value of agricultural products sold . . . . .             | 1,2,41,56            | 1,2              | CA, CB          |
| Farms with net gains . . . . .                                     | 5,55-61              | 4                | CB              |
| Farms with net losses . . . . .                                    | 5,55-61              | 4                | CB              |
| Farms, number . . . . .  | 1,8,9,11,47-49,55-61 | 1,8-10,40        | BB, CA, CB, CC  |
| Female operators . . . . .   | 48,52-54             | 40,47-49         | CA, CB          |
| Fertilizer or chemicals purchased, expense . . . . .               | 1,4,11,41,46,55-61   | 3                | BB              |
| Fertilizer or chemical usage . . . . .                             | 46,55-61             | 39               | -               |
| Feed purchased expense . . . . .                                   | 1,4,11,41,55-61      | 3                | BB              |
| Fescue seed . . . . .  | 34                   | 26               | -               |
| Field seed crops . . . . .   | 34,55-61             | 10               | -               |
| Figs . . . . .   | 36                   | 31               | -               |
| Filberts and Hazelnuts . . . . .                                   | 36                   | 31               | -               |
| Flaxseed . . . . .   | 34,55-61             | 24               | -               |
| Floriculture crops . . . . .                                       | 38                   | 34               | -               |
| Flower seeds . . . . .   | 38                   | 34               | -               |
| Foliage plants . . . . .   | 38                   | 34               | -               |
| Forage harvesters, self-propelled . . . . .                        | 45,55-61             | 38               | -               |
| Forage, All land used . . . . .                                    | 1,33,34,55-61        | 1,23,26          | BB              |
| Forest products, sales value, farm-related income . . . . .        | 7,55-61              | 6                | -               |
| Fruit and tree nuts . . . . .                                      | 1,34,36,55-61        | 1,23,31          | -               |
| Fruit, tree nuts and berries, sales value . . . . .                | 2,41,55-61           | 2                | -               |

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|--|-----------------------|------------------|-----------------|
| Fuels, gasoline and oils purchased expense .....         | 1,4,11,41,55-61       | 3                | BB              |
| Full owners .....  | 47-49,55-61           | 40               | CA, CB          |
| <b>G</b>   |                       |                  |                 |
| Gains, farms with .....                                  | 5,55-61               | 4                | -               |
| Garlic .....   | 35                    | 29               | -               |
| Gasoline, fuels and oils, purchased expense .....        | 1,4,11,41,55-61       | 3                | -               |
| Geese, ducks and other poultry .....                     | 27                    | 13,14            | -               |
| Ginger root .....  | -                     | 27               | -               |
| Ginseng .....  | -                     | 27               | -               |
| Goats, All .....   | 32,55-61              | 22               | -               |
| Goats, Angora .....                                      | 32                    | 18               | -               |
| Goats, meat and other .....                              | 32                    | 22               | -               |
| Goats, milk .....  | 32                    | 17               | -               |
| Government payments, all .....                           | 3,6,11,41,47-49,55-61 | 1,5              | -               |
| Grain storage capacity .....                             | 40                    | 36               | -               |
| Grains, oilseeds, dry beans, dry peas, sales value ..... | 2,41,55-61            | 2                | -               |
| Grapefruit .....   | 36                    | 31               | -               |
| Grapes .....   | 36,55-61              | 31               | -               |
| Grass silage, haylage and greenchop hay .....            | 34                    | 26               | -               |
| Greenhouse vegetables .....                              | 38                    | 34               | -               |
| Guar .....   | -                     | 27               | -               |
| Guavas .....   | 36                    | 31               | -               |
| <b>H</b>   |                       |                  |                 |
| Harvested cropland .....                                 | 1,8-11,41,50,51,55,61 | 1,8-10,23,40,47  | BB              |
| Hay balers .....   | 45,55-61              | 38               | -               |
| Haylage, all .....                                       | 33,34                 | 26               | -               |
| Hay, alfalfa .....                                       | 33,34,55-61           | 26               | -               |
| Hay, all .....   | 34                    | 26               | -               |
| Hay, other tame .....                                    | 33,34,55-61           | 26               | -               |
| Hay, small grain .....                                   | 33,34                 | 26               | -               |
| Hay, wild .....  | 33,34                 | 26               | -               |
| Hazelnuts .....  | 36                    | 31               | -               |
| Hens (see Layers and pullets) .....                      | 27,28,55-61           | 13               | -               |
| Herbs, dry .....   | -                     | 27               | -               |
| Herbs, fresh cut .....                                   | 35                    | 29               | -               |
| Hired farm labor expense .....                           | 1,4,11,41,55-61       | 3,7              | BB              |
| Hired managers .....                                     | 47-49,55-61           | -                | -               |
| Hired workers .....                                      | 55-61                 | 7                | -               |
| Hispanic origin .....                                    | 49,52-61              | 50               | CA,CB           |

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|--|-----------------------|------------------|-----------------|
| Hogs and pigs, herd size,<br>inventory and sales . . . . .                                   | 21                    | -                | -               |
| Hogs and pigs inventory and<br>sales by number sold . . . . .                                | 22                    | -                | -               |
| Hogs and pigs, inventory . . . . .   | 1,11,19,21,41,55-61   | 1,12             | BB              |
| Hogs and pigs, type of operation<br>and producer . . . . .                                   | 23-26                 | -                | -               |
| Hogs and pigs, number sold . . . . .   | 1,20,22,55-61         | 1,12             | BB              |
| Hogs and pigs, sales value . . . . .   | 2,20,22,41,55-61      | 2,12             | -               |
| Honey produced . . . . .   | 32                    | 19               | -               |
| Honeydew melons . . . . .  | 35                    | 29               | -               |
| Hops . . . . .   | 34                    | 27               | -               |
| Horses and ponies . . . . .  | 32,55-61              | 15               | BB              |
| Horses, ponies, mules, burros and<br>donkeys, sales value . . . . .                          | 2,41,55-61            | 2                | -               |
| Households sharing in farm<br>income . . . . .   | 47-49,55-61           | -                | -               |
| <b>I</b>   |                       |                  |                 |
| Institutional, research,<br>experimental, and American<br>Indian reservation farms . . . . . | 51                    | -                | -               |
| Income from farm-related<br>income . . . . .   | 7,55-61               | 6                | -               |
| Income (see Net cash farm<br>income) . . . . .   | -                     | -                | -               |
| Income, percent from farming . . . . .   | 47-49,55-61           | -                | -               |
| Insects, chemical control . . . . .  | 46,55-61              | 39               | -               |
| Interest expenses . . . . .  | 1,4,11,41,55-61       | 3                | BB              |
| Internet access . . . . .  | 47-49,55-61           | -                | BB              |
| Irrigated land . . . . .   | 1,9-11,33,34,51,55-61 | 1,10,23-28,30,32 | -               |
| <b>J</b>   |                       |                  |                 |
| Jojoba . . . . .   | -                     | 27               | -               |
| <b>K</b>   |                       |                  |                 |
| K-Early citrus . . . . .   | 36                    | 31               | -               |
| Kale . . . . .   | 35                    | 29               | -               |
| Kentucky bluegrass seed . . . . .  | -                     | 26               | -               |
| Kiwifruit . . . . .  | 36                    | 31               | -               |
| Kumquats . . . . .   | 36                    | 31               | -               |
| <b>L</b>   |                       |                  |                 |
| Labor expense, hired . . . . .   | 1,4,11,41,55-61       | 3,7              | BB              |
| Ladino clover seed . . . . .   | -                     | 26               | -               |

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|---|-------------------------|------------------|-----------------|
| Land and buildings, estimated market value .....              | 1,11,41,43,50,51,55-61  | 1,8              | BB              |
| Land in farms, acres .....                                    | 1,8,9,11,41,47-51,55-61 | 1,8,40-50        | BB, CA, CB, CC  |
| Land owned .....  | 55-61                   | 40               | -               |
| Land rented or leased from others .....                       | 55-61                   | 40               | -               |
| Land rented or leased to others .....                         | 55-61                   | -                | -               |
| Land covered by crop insurance policies .....                 | 8,55-61                 | 8                | -               |
| Land use .....  | 1, 8,11,55-61           | 1,8              | -               |
| Land used for vegetables .....                                | 34,55-61                | 28               | -               |
| Land used to raise certified organically produced crops ..... | 8,55-61                 | 8                | -               |
| Landlord's share of production expenses .....                 | 4                       | -                | -               |
| Landlord's share of sales .....                               | 2,41,55-61              | -                | -               |
| Latino, Spanish or Hispanic origin .....                      | 49,52-61                | 50               | -               |
| Layers 20 weeks old and older .....                           | 1,27,55-61              | 1,13             | BB              |
| Lemons .....  | 36                      | 31               | -               |
| Lentils .....   | 34                      | 25               | -               |
| Lespedeza seed .....  | -                       | 26               | -               |
| Lettuce, all .....  | 35                      | 29               | -               |
| Lima beans, green .....                                       | 35                      | 29               | -               |
| Limes .....   | 36                      | 31               | -               |
| Livestock and poultry purchased expense .....                 | 1,4,11,41,55-61         | 3                | -               |
| Livestock and poultry, sales value .....                      | 1,2,11,41,50,55-61      | 1,2              | -               |
| Living on an American Indian reservation .....                | 52-61                   | -                | BC              |
| Llamas .....  | 32                      | 22               | -               |
| Loganberries .....  | 37                      | 33               | -               |
| Losses, farms with .....                                      | 5,55-61                 | 4                | -               |
| Lotus root .....  | -                       | 27               | -               |
| <b>M</b>  |                         |                  |                 |
| Macadamia nuts .....  | 36                      | 31               | -               |
| Machinery and equipment, estimated market value .....         | 1,11,41,44,50,55-61     | 1,38             | BB              |
| Machinery and equipment, rent and lease expense .....         | 4,11,55-61              | 3                | -               |
| Machinery and equipment, selected items .....                 | 45                      | 38               | -               |
| Male operators .....  | 52-54                   | 40               | BC,CA,CB        |

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|---|----------------------|------------------|-----------------|
| Mangoes .....   | 36                   | 31               | -               |
| Manure applied to cropland and pastureland .....            | 46,55-61             | 39               | -               |
| Maple syrup .....   | 39                   | 35               | -               |
| Market value of agricultural products sold .....            | 1,2,3,11,41,50,55-61 | 1,2              | -               |
| Median size of farm .....                                   | -                    | 8                | -               |
| Melons .....  | 35                   | 29               | -               |
| Migrant workers .....                                       | 55-61                | 7                | -               |
| Milk and dairy products, sales value .....                  | 2,41,55-61           | 2,11             | -               |
| Milk cows .....   | 1,11,12,17,41,55-61  | 1,11             | BB              |
| Millet, foxtail .....                                       | -                    | 26               | -               |
| Millet, proso .....   | 34                   | 24               | -               |
| Mink and their pelts .....                                  | 32                   | 20               | -               |
| Mint for oil .....  | 34                   | 27               | -               |
| Mohair clipped .....  | 32                   | 18               | -               |
| Mollusks .....  | -                    | 21               | -               |
| More than one race, operators .....                         | 47,52-61             | 46               | -               |
| Mules, burros, and donkeys .....                            | 32                   | 22               | -               |
| Mungbeans .....   | -                    | 27               | -               |
| Mushrooms .....   | 38                   | 34               | -               |
| Mustard greens .....  | 35                   | 29               | -               |
| Mustard seed .....  | -                    | 24               | -               |
| <b>N</b>  |                      |                  |                 |
| Native Hawaiian or other Pacific Islander operators .....   | 47,52-61             | 44               | CA,CB           |
| Nectarines .....  | 36                   | 31               | -               |
| Net cash farm income of the operation .....                 | 5,55-61              | 1,4              | CB              |
| Net cash farm income of the operator(s) .....               | 5,55-61              | 4                | -               |
| North American Industry Classification System (NAICS) ..... | 40,47-50,55-61       | 51               | -               |
| Number of farms .....                                       | 1,8-11,41,50,55-61   | 1,8,40,51        | BB,CA,CB,CC     |
| Number of households sharing farm income .....              | 47-49,55-61          | -                | -               |
| Number of operators .....                                   | 55-61                | 40               | -               |
| Number of persons living in operator's household .....      | 52-61                | -                | -               |
| Nursery crops .....   | 38                   | 34               | -               |

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|---|------------------|------------------|-----------------|
| Nursery, greenhouse, floriculture, and sod, sales value . . . . . | 2,41,55-61       | 2                | -               |
| <b>O</b>  |                  |                  |                 |
| Oats for grain . . . . .  | 1,33,34,55-61    | 1,23,24          | BB              |
| Occupation of operator . . . . .                                  | 52-61            | 40               | BC, CA, CB      |
| Off-farm work by operator . . . . .                               | 52-61            | 40               | BC              |
| Okra . . . . .  | 35               | 29               | -               |
| Olives . . . . .  | 36               | 31               | -               |
| Onions . . . . .  | 35               | 29               | -               |
| Operations with net gains . . . . .                               | 5,55-61          | 1,4              | -               |
| Operations with net losses . . . . .                              | 5,55-61          | 1,4              | -               |
| Operator characteristics . . . . .                                | 52-61            | 40               | BC              |
| Operators, all . . . . .  | 52-54            | 40               | -               |
| Operators, total . . . . .  | 55-61            | 40               | -               |
| Operators, total women . . . . .                                  | 55-61            | 40               | -               |
| Operators on farm . . . . .                                       | 52-61            | 40               | -               |
| Oranges . . . . .   | 36               | 31               | -               |
| Orchardgrass seed . . . . .                                       | -                | 26               | -               |
| Orchards, land in . . . . .                                       | 33,34,55-61      | 1,23,30          | -               |
| Organic production, acres . . . . .                               | 8,55-61          | 8                | -               |
| Organic production, sales . . . . .                               | 2,41,55-61       | 2                | -               |
| Organization of farm . . . . .                                    | 1,48,49,55-61    | 40               | -               |
| Ornamental fish . . . . .   | -                | 21               | -               |
| Ostriches . . . . .   | 27               | 14               | -               |
| Other animal and other animal products, sales value . . . . .     | 2,41,55-61       | 2                | -               |
| Other aquaculture . . . . .                                       | -                | 21               | -               |
| Other crops and hay, sales value . . . . .                        | 2,41,55-61       | 2                | -               |
| Other farm-related income . . . . .                               | 7,11,55-61       | 1,6              | -               |
| Other federal farm programs payments . . . . .                    | 6                | 5                | -               |
| Other fish . . . . .  | -                | 21               | -               |
| Other food fish . . . . .   | -                | 21               | -               |
| Other land . . . . .  | 8,55-61          | 8                | -               |
| Other farm production expenses . . . . .                          | 4,11,55-61       | 3                | -               |
| Other poultry . . . . .   | -                | 14               | -               |
| <b>P</b>  |                  |                  |                 |
| Papayas . . . . .   | 36               | 31               | -               |
| Parsley . . . . .   | 35               | 29               | -               |
| Part owners . . . . .   | 47-49,55-61      | 40               | CA, CB          |
| Partnership, type of organization . . . . .                       | 1,47-49,55-61    | 40               | -               |
| Passion fruit . . . . .   | 36               | 31               | -               |

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|--|------------------|------------------|-----------------|
| Pastureland, excluding woodland<br>pastured . . . . .          | 11,41            | -                | -               |
| Pastureland . . . . .  | -                | 8                | -               |
| Pastureland irrigated . . . . .                                | 10,55-61         | 10               | -               |
| Patronage dividends and refunds<br>from cooperatives . . . . . | 7,55-61          | 6                | -               |
| Peaches . . . . .  | 36,55-61         | 31               | -               |
| Peanuts . . . . .  | 1,33,34,55-61    | 1,23,25          | -               |
| Pears . . . . .  | 36               | 31               | -               |
| Peas, Chinese . . . . .  | 35               | 29               | -               |
| Peas, dry edible . . . . .                                     | 34               | 25               | -               |
| Peas, green . . . . .  | 35,55-61         | 29               | -               |
| Pecans . . . . .   | 36,55-61         | 31               | -               |
| Peppermint for oil . . . . .                                   | -                | 27               | -               |
| Percent of income from<br>farming . . . . .                    | 47-49,55-61      | -                | -               |
| Permanent pasture and rangeland . . . . .                      | 8,55-61          | 8                | -               |
| Persimmons . . . . .   | 36               | 31               | -               |
| Pheasants . . . . .  | -                | 14               | -               |
| Pigeons or squab . . . . .                                     | -                | 14               | -               |
| Pineapples . . . . .   | 1,34,55-61       | 1,23,27          | -               |
| Pineapples not harvested . . . . .                             | -                | 27               | -               |
| Pistachios . . . . .   | 36               | 31               | -               |
| Place of residence . . . . .                                   | 52-61            | 40               | -               |
| Plums . . . . .  | 36               | 31               | -               |
| Pomegranates . . . . .   | 36               | 31               | -               |
| Popcorn . . . . .  | 34               | 24               | -               |
| Potatoes . . . . .   | 1,33,34,55-61    | 1,23,25          | -               |
| Potted flowering plants . . . . .                              | 38               | 34               | -               |
| Poultry hatched . . . . .                                      | -                | 14               | -               |
| Poultry and poultry products,<br>sales value . . . . .         | 2,41,55-61       | 2                | -               |
| Poultry inventory . . . . .                                    | 27,55-61         | 13               | -               |
| Primary occupation . . . . .                                   | 1,52-61          | 1,40             | -               |
| Production contracts . . . . .                                 | 42               | 37               | -               |
| Property taxes paid . . . . .                                  | 4,11,55-61       | 3                | -               |
| Prunes . . . . .   | 36               | 31               | -               |
| Pullets for laying flock<br>replacement . . . . .              | 27,55-61         | 13               | -               |
| Pumpkins . . . . .   | 35               | 29               | -               |
| <b>Q</b>   |                  |                  |                 |
| Quail . . . . .  | -                | 14               | -               |

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| <b>R</b>   |                  |                  |                 |
| Rabbits and their pelts .....                          | 32               | 22               | -               |
| Race of operator .....                                 | 47,52-61         | 41-46            | CA,CB           |
| Radishes .....   | 35               | 29               | -               |
| Rapeseed .....   | -                | 24               | -               |
| Raspberries .....                                      | 37               | 33               | -               |
| Recreational services income .....                     | 7,55-61          | 6                | -               |
| Red clover seed .....                                  | -                | 26               | -               |
| Redtop seed .....                                      | -                | 26               | -               |
| Rent or shares payments income ..                      | 7,55-61          | 6                | -               |
| Rented land .....                                      | 47-49,55-61      | 40               | -               |
| Residence, place of .....                              | 52-61            | 40               | -               |
| Rhubarb .....  | 35               | 29               | -               |
| Rice .....   | 1,33,34,55-61    | 1,23,24          | -               |
| Romaine lettuce .....                                  | 35               | 29               | -               |
| Rye for grain .....                                    | 34               | 24               | -               |
| Ryegrass seed .....                                    | 34               | 26               | -               |
| <b>S</b>   |                  |                  |                 |
| Safflower .....  | 34               | 24               | -               |
| Salt hay .....   | -                | 27               | -               |
| Seeds, plants, vines, purchased<br>expense .....       | 4,11,55-61       | 3                | -               |
| Sex of operator .....                                  | 48,52-61         | 40, 47-49        | CA, CB          |
| Sesame .....   | -                | 27               | -               |
| Sheep and lambs, inventory .....                       | 11,29,30,55-61   | 1,16             | BB              |
| Sheep and lambs sold .....                             | 29-31,55-61      | 16               | BB              |
| Sheep, goats and their products,<br>sales value .....  | 2,41,55-61       | 2                | -               |
| Short rotation woody crops .....                       | 39               | 35               | -               |
| Snap beans .....                                       | 35,55-61         | 29               | -               |
| Size of farm, average .....                            | 1,55-61          | 1,8              | -               |
| Sod .....  | 38               | 34               | -               |
| Sorghum for grain .....                                | 1,33,34,55-61    | 1,23,24          | -               |
| Sorghum for silage .....                               | 1,34             | 1,26             | -               |
| Sorghum for syrup .....                                | -                | 27               | -               |
| Soybeans for beans .....                               | 1,33,34,55-61    | 1,23,25          | BB              |
| Spanish, Hispanic, or Latino<br>origin operators ..... | 49,54-61         | 50               | -               |
| Spearmint for oil .....                                | -                | 27               | -               |
| Spinach .....  | 35               | 29               | -               |
| Sport or game fish .....                               | -                | 21               | -               |
| Squash .....   | 35               | 29               | -               |
| Strawberries .....                                     | 37               | 33               | -               |
| Sudangrass seed .....                                  | -                | 26               | -               |

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| Sugarbeets for seed .....                                    | -                   | 25               | -               |
| Sugarbeets for sugar .....                                   | 1,33,34,55-61       | 1,23,25          | -               |
| Sugarcane for seed .....                                     | -                   | 25               | -               |
| Sugarcane for sugar .....                                    | 1,33,34,55-61       | 1,23,25          | -               |
| Sugarcane not harvested .....                                | -                   | 25               | -               |
| Sunflower seed, all .....                                    | 1,34,55-61          | 1,23,24          | BB              |
| Sunflower seed, oil varieties .....                          | 34                  | 24               |                 |
| Sunflower seed, not for oil<br>varieties .....               | 34                  | 24               | -               |
| Supplies, repairs, and<br>maintenance expense .....          | 4,11,55-61          | 3                | -               |
| Sweet corn .....   | 35,55-61            | 29               | -               |
| Sweet corn for seed .....                                    | -                   | 27               | -               |
| Sweet potatoes .....   | 1,34,55-61          | 1,25             | -               |
| Sweet rice .....   | -                   | 27               | -               |
| Sweetclover seed .....                                       | -                   | 26               | -               |
| <b>T</b>   |                     |                  |                 |
| Tangelos .....   | 36                  | 31               | -               |
| Tangerines .....   | 36                  | 31               | -               |
| Taro .....   | -                   | 27               | -               |
| Temples .....  | 36                  | 31               | -               |
| Tenants .....  | 47-49,55-61         | 40               | CA, CB          |
| Tenure of operation .....                                    | 47-49,55-61         | 40               | -               |
| Timothy seed .....   | -                   | 26               | -               |
| Tobacco .....  | 1,33,34,55-61       | 1,23,25          | -               |
| Tobacco, sales value .....                                   | 2,41,55-61          | 2                | -               |
| Tomatoes .....   | 35,55-61            | 29               | -               |
| Tractors .....   | 45,55-61            | 38               | -               |
| Trout .....  | -                   | 21               | -               |
| Turkeys inventory .....                                      | 27,55-61            | 13               | -               |
| Turnip greens .....  | 35                  | 29               | -               |
| Turnips .....  | 35                  | 29               | -               |
| Type of organization .....                                   | 1,48,49,55-61       | 40               | -               |
| <b>U</b>   |                     |                  |                 |
| Utilities expense .....                                      | 1,4,11,41,55-61     | 3                | -               |
| <b>V</b>   |                     |                  |                 |
| Value of agricultural products<br>sold .....                 | 1,2,11,47-51,55-61  | 1,2              | -               |
| Value of land and buildings,<br>estimated market value ..... | 1,11,41,50,51,55-61 | 1,8              | -               |

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| Value of machinery and equipment, estimated market value .....     | 1,11,41,50,51,55-61 | 1,38             | -               |
| Vegetable seeds .....  | 38                  | 34               | -               |
| Vegetables harvested .....   | 1,33,35             | 1,23,28,29       | -               |
| Vegetables harvested for processing .....                          | 35,55-61            | 29               | -               |
| Vegetables, land used for .....                                    | 34,55-61            | 28               | -               |
| Vegetables, melons, potatoes and sweet potatoes, sales value ..... | 2,41,55-61          | 2                | -               |
| Vetch seed .....   | -                   | 26               | -               |
| <b>W</b>   |                     |                  |                 |
| Walnuts, English .....   | 36,55-61            | 31               | -               |
| Watercress .....   | 35                  | 29               | -               |
| Watermelons .....  | 35                  | 29               | -               |
| Wheatgrass seed .....  | -                   | 26               | -               |
| Wheat, All .....   | 1,33,34,55-61       | 1,23,24          | BB              |
| Wheat, Durum .....   | 1,33,34             | 1,24             | BB              |
| Wheat, Other spring .....  | 1,33,34             | 1,24             | BB              |
| Wheat, Winter .....  | 1,33,34             | 1,24             | BB              |
| White operators .....  | 47,52-61            | 41               | -               |
| White clover seed .....  | -                   | 26               | -               |
| Wild rice .....  | -                   | 24               | -               |
| Women operators .....  | 48,52-61            | 40,47-49         | BC,CA,CB        |
| Woodland, All .....  | 8,55-61             | 8                | -               |
| Wool production .....  | 29-31               | 16               | -               |
| Workers, hired farm .....  | 55-61               | 7                | -               |
| Work off farm (see off-farm work) .....                            | -                   | -                | -               |
| <b>Y</b>   |                     |                  |                 |
| Years on present farm .....  | 52-61               | 40               | BC              |

# Publication Program

## 2002 CENSUS OF AGRICULTURE

Results of the 2002 Census of Agriculture are published in a series of reports that provide data at the national, State, and county (or equivalent) levels for the United States. Data also are available for Puerto Rico, American Samoa, Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands of the United States.

### VOLUME 1. GEOGRAPHIC AREA SERIES (AC-02-A-1 to 51)

**National, State, and county data** are published in detailed national and State tables for the United States, and in State and county tables for each State. These reports include data on number and size of farms; crop production; livestock, poultry, and their products; tenure, age, and principal occupation of operator and up to 3 operators; type of organization; value of products sold; government payments plus market value of agricultural products sold; production expenses; direct marketing; landlord expenses; computer use; production contracts; fertilizers and chemicals; machinery and equipment; farm labor and migrant workers; value of land and buildings; agricultural activity on American Indian reservations; grain storage capacity; land use; irrigation; and the North American Industry Classification System.

#### U.S. Summary and State Report (AC-02-A-51)

- Chapter 1. National-level data
- Chapter 2. State-level data

#### State and County Reports (AC-02-A-1 to 50)

- Chapter 1. State-level data
- Chapter 2. County-level data

**Outlying Areas Data (AC-02-A-52 to 56)** - Data are published for the municipios of Puerto Rico, the election districts on Guam, the municipalities of the Commonwealth of the Northern Mariana Islands, the districts and counties of American Samoa, and the islands of U.S. Virgin Islands.

**Specialty Products** - Data from the census are extracted and presented in several different product formats. They are the State and County Highlights, County Profiles, American Indian and Alaska Native, and Top Commodities.

### VOLUME 2. SUBJECT SERIES (AC-02-S-1 to 5)

**Agricultural Atlas of the United States (AC-02-S-1)** graphically illustrates a profile of the Nation's agriculture at the county-level in a series of multicolor pattern and dot maps.

**Congressional District Ranking (AC-02-S-2)** provides selected statistics from the 2002 Census of Agriculture ranked by

congressional districts. The statistics include: operator characteristics, farm characteristics, selected livestock, and selected crops harvested.

**ZIP Code Tabulations of Selected Items (AC-02-S-3)** provides tabulations by ZIP Code for the total market value of products sold; number of farms by size; land in farms; inventory of cattle, calves, hogs, and pigs; cropland harvested; and selected crops from the 2002 census.

**Congressional District Tabulations (AC-02-S-4)** provides data by congressional district. The tables show the total market value of products sold and the number of farms by size; land in farms; inventory of cattle, calves, hogs, and pigs; cropland harvested; and selected crops.

**History (AC-02-S-5)** provides a detailed description of the planning and conduct of the 2002 Census of Agriculture. It explains the history of the agriculture census, farm definition, data collection and processing, data dissemination, and research.

### VOLUME 3. SPECIAL STUDIES (AC-02-SP-1 to 2)

#### 2003 Farm and Ranch Irrigation Survey

**(AC-02-SP-1)** provides data collected from a sample of irrigated farm operations in the 2002 Census of Agriculture at the national and state levels.

**2005 Census of Aquaculture (AC-02-SP-3)** provides statistics about the Nation's aquaculture production and structure of the aquaculture industry at the national, regional, and State levels.

## PRINTED REPORTS

All of the reports listed above are available as printed reports, except Specialty Products for State and County Highlights, County Profiles, and Top Commodities and Volume 2, ZIP Code Tabulations of Selected Items (Part 3) and Congressional District Tabulations (Part 4).

## ELECTRONIC PRODUCTS

**Internet** - Data from Volume 1, Volume 2, and Volume 3 are available online at the NASS Web site at [www.usda.gov/nass/](http://www.usda.gov/nass/). Quick STATS (an online statistics database on the NASS Web site) are available for Volume 1, at the National, State and county-level and for municipios in Puerto Rico.

**CD-ROM** - Manipulable data files from Volume 1, Parts 1-52 are available.

For additional information, write the Customer Services Office, National Agricultural Statistics Service, USDA, Room 5835, South Building, 1400 Independence Avenue, SW, Washington, DC 20250-2000 or call 800-727-9540.